



**Hampton Place, Stouffville
Royal Pine Homes**

FF&E SPECIFICATION BINDER

Issue for Tender: October 23, 2017

For Construction

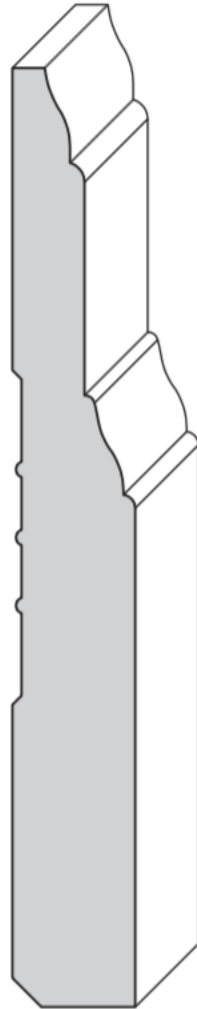
INON Interior Design Group, 2017

FINISHES SCHEDULE

Designer: Nino Francavilla, nino@inon.ca

Specification Writer: Kat Velez, 647-627-8111

BASEBOARD				
Spec Tag	Description/ Location	Supplier/ Contact	Specification/ Colour	Notes
B-01a	Wood base for stain @ Ground Floor Main lobby and Amenity	To be Supplied By Millworker. To Match Profile of #B780C, 11//16x5-1/4 Balmoral. Stained to Match Laminate: Formica 7739, Cocoa Mapl		Refer to Inon Drawings for base profile and extent.
B-01b	Wood base for paint @ 2nd to 7th floors (Suite corridors)	To be Supplied By Millworker. To Match Profile of #B780C, 11//16x5-1/4 Balmoral. Paint Grade for PT-14		Refer to Inon Drawings for base profile and extent.
B-02	Tile base @ P1 Level (Throughout)	Supplied by Owner	Argeus stone grey 13"x 13" To Match TL-01	1/8" max grout lines. Grout: *tile contractor to provide sample for designer approval.
B-03	Rubber base @ Fitness Room	Johnsonite	Baseworks thermoset Rubber Wall Base 48 Grey WG	Refer to Inon Drawings for base profile and extent.
B-04	Tile base @ Washrooms on Ground level (all- typical) and Schluter	Supplied by Owner	Rustic Grey 13"X13"	Contractor to complete all tile base with Schluter base cap in bronze finish.
B-06	Flat Stock Wood base, paint grade for PT-16 in Amenity Kitchen	Millworker to provide sample for approval to designer prior to production.		Refer to Inon Drawings for extent.
B-07	Tile Base @ Dog Wash	Supplied by Owner	Scabos Ice 13"X13"	Refer to Inon Drawings for extent.



B780C

11/16 x 5-1/4

17.46 x 133.35

BaseWorks™ Thermoset Rubber Wall Base**1. PROPRIETARY PRODUCT/MANUFACTURER****1.1. Proprietary Product:** Thermoset Rubber Wall Base**1.2. Manufacturer:**

Johnsonite, Inc.	Phone	(800) 899-8916
16910 Munn Road		(440) 543-8916
Chagrin Falls, Ohio 44023	Tech:	Ext 9297
Web: www.johnsonite.com	Samples:	Ext 9299
Email: info@johnsonite.com	Fax:	(440) 543-8920

1.3. Proprietary Product Description:

1.3.1. Construction: Johnsonite BaseWorks™ Thermoset Rubber Wall Base is manufactured from a proprietary rubber formulation designed specifically to meet the performance and dimensional requirements of ASTM F-1861, Type TS, Group 1 (solid), Style A and B, Standard Specification for Resilient Wall Base.

1.3.2. Physical Characteristics:**Traditional Wall Base Styles:**

Thickness: 125" (3.17 mm)

Style: Straight (Toeless) and Coved (Toe) profiles

Heights: 2-1/2" (6.35 cm), 4" (10.16 cm), and 6" (15.24 cm)

Lengths: 4' (1.22 m) straight lengths and 120' (36.58 m) coiled lengths for all profiles except, 6" x .125" profiles packaged in 100' (30.48 m) coiled lengths or 4' (1.22 m) straight lengths.

Inside and outside corners available with 4" (10.16 cm) returns packaged 25 per carton.

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

Meets or exceeds the performance requirements for resistance to heat/light aging, chemicals, and dimensional stability when tested to the methods, as described, in ASTM F-1861.

Flexibility: ASTM F 137 - Will not crack, break, or show any signs of fatigue when bent around a 1/4" (6.4 mm) diameter cylinder.

Resistance to Light: ASTM F 1515 – Passes $\Delta E \leq 8.0$

Chemical Resistance: ASTM F 925 Passed – Acetic Acid 5%, Isopropyl Alcohol 70%, Sodium Hydroxide 5%, Hydrochloric Acid 5%, Ammonia 5%, Phenol 5%, and Acid Sulfuric 5%.

Fire Resistance:

ASTM E 84/NFPA 255 (Flame/Smoke) – Class B, < 450

ASTM E 648 (NFPA 253): Critical Radiant Flux – Class 1

Chemical Resistance (ASTM F 925): Passed - 5% Acetic acid, 70% Isopropyl alcohol, Sodium hydroxide solution (5% NaOH), Hydrochloric acid solution (5% HCl), Sulfuric acid solution (5% H₂SO₄), Household ammonia solution (5% NH₄OH), Household bleach (5.25% NaOCl), Disinfectant cleaner (5% active phenol)

3. INSTALLATION

Johnsonite BaseWorks Wall Base and adhesives must be site conditioned at room temperature for a minimum of 48 hours prior to, during, and after installation. Room temperature must be maintained between 65 and 85 F (18 and 30 C) with HVAC system operating. A minimum temperature of 55 F (13 C) must be maintained afterwards. The ambient relative humidity should be between 40% and 60%.

All walls must be clean, smooth, flat and dry. The surface must be free of all dust, loose particles, solvents, paint, grease, oil, wax, alkali, sealing/curing compounds, old adhesive, and any other foreign material, which could affect installation. Remove existing adhesive mechanically – do not use chemical adhesive removers or solvents. Fill all depressions, cracks, and other surface irregularities with a good quality patching compound.

NOTE: Contamination on the substrate can cause damage to the thermoset rubber wall base material. Permanent and non-permanent markers, pens, crayons, paint, etc., must not be used to write on the back of the wall base material or used to mark the substrate as they could bleed through and stain the wall base material. If these contaminants are present on the substrate they must be mechanically removed prior to the installation of the thermoset rubber wall base material.

Caution: Do not use liquid solvents or adhesive removers.\

Do not install Johnsonite BaseWorks Wall Base over vinyl wallcoverings.

Do not install Johnsonite BaseWorks Wall Base over non-porous surfaces with Johnsonite 960 Wall Base Adhesive. Utilize Johnsonite 946 Premium Contact Adhesive following the non-porous application instructions for all non-porous surface installations.

3.1. Adhesives:**Porous Surfaces - 960 Cove Base Adhesive**

- 1/8" square notch trowel
- Spread rate average:
 - 4" height – 225 linear feet/gallon
 - 6" height – 125 linear feet/gallon

BaseWorks™ Thermoset Rubber Wall Base

Non-porous Surfaces - 946 Premium Contact Adhesive

Application: Brush or roller

Coverage:

- 1 kg Unit (0.95 Qt.) – 24 to 36 Sq. Ft. Per Unit
- 6 kg Unit (1.44 Gal.) – 144 to 215 Sq. Ft. Per Unit

- 3.2. **Installation Manual:** Refer to Johnsonite Wall Base Installation Instructions for complete installation details.

4. AVAILABILITY AND COST

Available through authorized Johnsonite distributors nationwide.

5. WARRANTY

Limited 1 year warranty. For complete details, contact Johnsonite or an authorized Johnsonite distributor.

6. MAINTENANCE

Refer to Johnsonite Wall Base Installation Instructions for complete maintenance details.

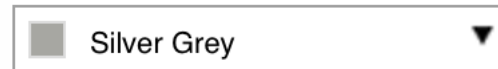
7. TECHNICAL SERVICES

Samples: Submittal samples for verification and approval available upon request from Johnsonite. Samples shall be submitted in compliance with the requirements of the Contract Documents. Accepted and approved samples shall constitute the standard materials which represent materials installed on the project.

For current Installation and Maintenance Instructions, Product Specifications, and other technical data, visit us on the web at www.johnsonite.com or contact Johnsonite at 800-899-8916.



Toe 6"



Schluter/ StairNosing				
Spec Tag	Description/ Location	Supplier/ Contact	Specification/ Colour	Notes
SCH-01	Schluter	Schulter	Refer to 1.1 Schene MTL-03	Refer to Inon Drawings for extent.
SCH-02	Schulter	Schulter	Refer to 1.2 Reno-u MTL-04	Refer to Inon Drawings for extent.
SCH-03	Schulter	Schulter	Refer to 1.6 Deco MTL-03	Refer to Inon Drawings for extent.
SN-01	Stair Nosing	Johnsonite	Solid Colour Flexible Vinyl Stair Nosing #32 Pebble	Refer to Inon Drawings for extent.

FLOOR PROFILES



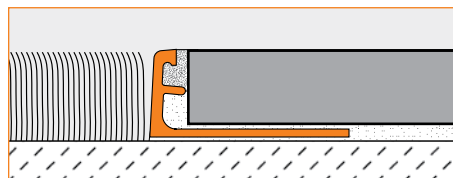
INNOVATIVE SOLUTIONS FOR CERAMIC AND STONE TILE

FINISHING, EDGE PROTECTION, AND TRANSITIONS

Because ceramic and stone tiles are inherently brittle, their exposed edges can chip and crack if left unprotected. Transitions between floor surfaces and at thresholds are particularly vulnerable to damage. Schluter-Systems offers a variety of profiles to provide edge protection and transitioning at thresholds and between adjacent surfaces, resulting in durable, maintenance-free tiled coverings. The profiles can be grouped into two categories: transitions between same-height surfaces and transitions between different-height surfaces.

Application and Function

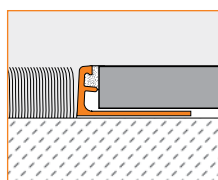
Same-height Transitions



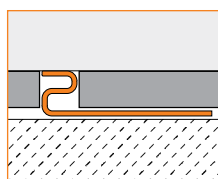
1.1 Schluter®-SCHIENE is designed to provide edging for tile coverings. Typical applications include edge protection where tile is bordered by carpet, at expansion joints, or as a decorative edging for stairs. SCHIENE is available in stainless steel, solid brass, aluminum, and anodized aluminum. The profile features a trapezoid-perforated anchoring leg, which is secured in the mortar bond coat beneath the tile, and an 87° sloped vertical wall section that transfers point loads to the substrate and surface covering while protecting tile edges from damage. SCHIENE, in solid brass, aluminum, and anodized aluminum, features a 5° sloped top flange and fillet at the anchoring leg/vertical section interface to enhance edge protection by reducing



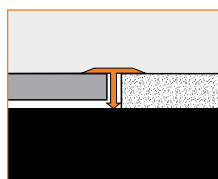
1.1 Schluter®-SCHIENE



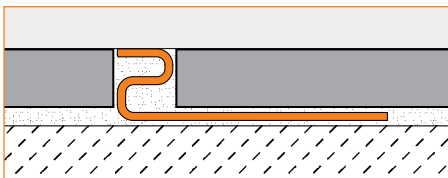
1.6 Schluter®-DECO



1.3 Schluter®-RENO-T



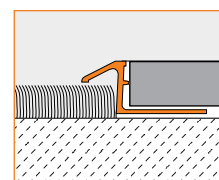
stresses on the tile, and, in sizes greater than 1/4" (6 mm), features an integrated joint spacer that establishes a defined joint cavity between the tile and the profile. The anchoring leg of SCHIENE, in all materials, is available with a special radius perforation "R" so that the profile can be used to form curves.



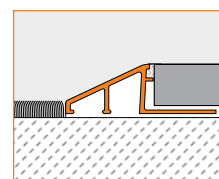
1.6 Schluter®-DECO is designed to provide decorative lines within tile coverings and edge protection at transitions from tile coverings to other same-height surface coverings, such as wood or carpet. The profile is available in stainless steel, solid brass, chrome-plated solid brass, and



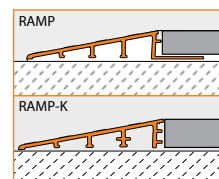
1.4 Schluter®-RENO-TK



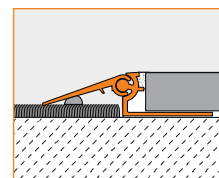
1.2 Schluter®-RENO-U



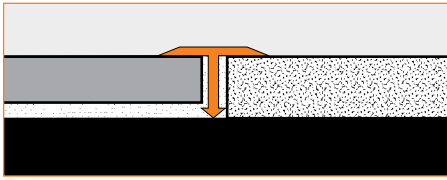
1.8 Schluter®-RENO-RAMP/-K



1.7 Schluter®-RENO-V

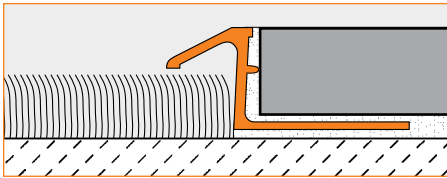


anodized aluminum. DECO features a trapezoid-perforated anchoring leg, which is secured in the mortar bond coat beneath the tile, and a 1/4" (6 mm)-wide visible surface that meets the high aesthetic requirements of showrooms, lobbies, galleries, exhibition booths, etc. The anchoring leg of DECO, in solid brass, chrome-plated solid brass, and anodized aluminum, is available with a special radius perforation "R" so that the profile can be used to form curves. DECO in chrome-plated brass requires a relatively large bending radius.

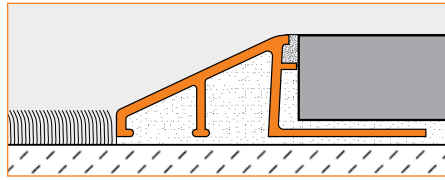


1.3 Schluter *-RENO-T is designed to provide transitions between existing same-height, hard-surface floor coverings (e.g., ceramic tile or natural stone, parquet flooring, concrete pavers, laminate, etc.), primarily in retrofit applications. The profile is available in stainless steel, solid brass, and anodized aluminum. RENO-T is installed within the existing joint cavity and overlaps adjoining surface materials, thus preventing edges from becoming damaged when subjected to mechanical stress. RENO-T, in brass and anodized aluminum size 9/14, is flexible in the lateral direction and can be used in curved applications.

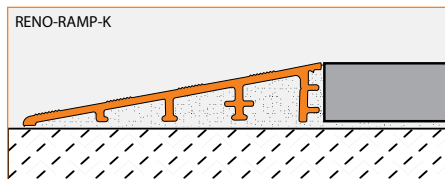
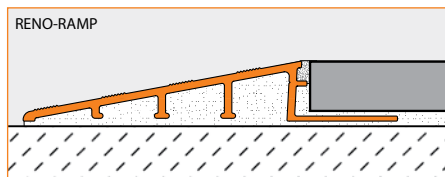
Different-height Transitions



1.4 Schluter *-RENO-TK is designed to provide a smooth transition from tile coverings to floor coverings at lower elevations, typically carpet. The profile is available in stainless steel, solid brass, and anodized aluminum. RENO-TK features a trapezoid-perforated anchoring leg, which is secured in the mortar bond coat beneath the tile, and a sloped surface to eliminate trip hazards and protect tile edges. The 1/4" (6 mm) channel beneath the sloped flange of the profile hides and protects the cut edge of lower adjoining surface coverings. All sizes of the RENO-TK are compliant with the Americans with Disabilities Act (ADA). RENO-TK, in anodized aluminum, features an integrated joint spacer that establishes a defined joint cavity between the tile and the profile. The anchoring leg of RENO-TK, in solid brass and anodized aluminum, sizes 60 to 100, is available with a special radius perforation "R" so that the profile can be used to form curves.

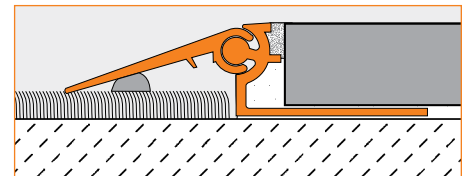


1.2 Schluter *-RENO-U is designed to provide a smooth transition between tile coverings and floor coverings at lower elevations or finished concrete. The profile is available in stainless steel, solid brass, and anodized aluminum. RENO-U features a trapezoid-perforated anchoring leg, which is secured in the mortar bond coat beneath the tile, and a sloped surface (approximately 25°) that eliminates trip hazards and protects tile edges. The leading edge of the profile abuts the lower surface covering, typically VCT. RENO-U, in aluminum, features an integrated joint spacer that establishes a defined joint cavity between the tile and the profile. In installations where the leading edge abuts a lower surface covering, all sizes of RENO-U, except the 3/4" (20 mm) and 11/16" (17.5 mm), are compliant with the Americans with Disabilities Act (ADA). In installations where the leading edge rests on top of the lower floor covering (e.g., finished concrete), the 3/4" (20 mm), 11/16" (17.5 mm), and 9/16" (15 mm) sizes are not ADA-compliant.



1.8 Schluter *-RENO-RAMP is designed to provide a smooth transition between tile coverings and floor coverings at lower elevations or finished concrete, particularly in commercial applications where wheel carts are used (e.g., bakeries, hospitals, etc.). The profile is available in anodized aluminum. RENO-RAMP features a trapezoid-perforated anchoring leg, which is secured in the mortar bond coat beneath the tile, and a

sloped transition surface that terminates at the height of the tile edge. The profile protects tile edges and provides a sloped surface to eliminate trip hazards and allow easy access for wheel carts. RENO-RAMP features an integrated joint spacer that establishes a defined joint cavity between the tile and the profile. Schluter *-RENO-RAMP-K is a variant of the profile without an anchoring leg. RENO-RAMP-K is installed adjacent to existing floor coverings, e.g., retrofitting between existing floor coverings and bare concrete without having to disturb the existing flooring. All sizes of RENO-RAMP, except sizes 9/16" (15 mm) and 3/4" (20 mm), are compliant with the Americans with Disabilities Act (ADA).



1.7 Schluter *-RENO-V is designed to provide a smooth transition between tile coverings and floor coverings at lower elevations. The profile is available in anodized aluminum. RENO-V features a trapezoid-perforated anchoring leg, which is secured in the mortar bond coat beneath the tile, and a movable transition arm that allows the profile to adjust to the height of the adjacent floor covering via a ball-and-socket joint. The profile protects tile edges and provides a sloped surface to eliminate trip hazards. RENO-V features an integrated joint spacer that establishes a defined joint cavity between the tile and the profile. RENO-V is also suitable for heavy-duty applications (e.g., entrances to garages or loading docks). In such cases, the adjustable arm is backfilled with mortar.

Material Properties and Areas of Application

Schluter edge-protection and transition profiles are resistant to most chemicals encountered in tiled environments. In special cases, the suitability of a proposed type of profile must be verified based on the anticipated chemical, mechanical, and/or other stresses. Exceptions and special considerations are listed below:

Stainless steel profiles are roll-formed, resulting in a slightly different contour from those made of extruded brass or aluminum. Stainless steel can sustain high mechanical stresses and is particularly well suited for applications requiring resistance against chemicals and acids; for example in the food industry, breweries, dairies, commercial kitchens, and hospitals, as well as in residential applications. Typically, the profiles are formed using stainless steel 304 (1.4301 = V2A). For more severe chemical exposure, such as de-icing salts and chemicals used in swimming pools, we recommend the use of stainless steel 316 L (1.4404 = V4A), which offers even higher corrosion resistance than the 304. Even stainless steel cannot withstand all chemical exposures, such as hydrochloric acid, hydrofluoric acid or certain chlorine, chloride, and brine concentrations.

Chrome-plated solid brass is ideal for matching chrome fixtures. Surfaces must be protected against abrasion or scratching. Solid brass can sustain high mechanical stresses, as well as most chemicals commonly encountered in tiled environments. Solid brass that is exposed to air will oxidize, resulting in a natural patina. If exposed to moisture or aggressive substances, heavy oxidation and spotting may occur.

Aluminum profiles must be tested to verify their suitability if chemical stresses are anticipated. Cementitious materials, in conjunction with moisture, become alkaline. Since aluminum is sensitive to alkaline substances, exposure to the alkali (depending on the concentration and duration of exposure) may result in corrosion (aluminum hydroxide formation). Therefore, it is important to remove mortar or grout residue from visible surfaces. In addition, ensure that the profile is solidly embedded in the setting material and that all cavities are filled to prevent the collection of alkaline water.

Anodized aluminum profiles feature an anodized layer that retains a uniform appearance during normal use. The surface, however, is susceptible to scratching and wear and may be damaged by grout or setting material. Therefore, these materials must be removed immediately. Otherwise, the description regarding aluminum applies.

Cutting Profiles

Observe all safety instructions and standards as directed by the cutting tool manufacturer, including protective eyewear, hearing protection, and gloves.

Always measure carefully and dry fit the profiles, corners, and connectors to ensure proper fit and alignment prior to setting tile.

Aluminum profiles may be cut using any of the following options:

- Hacksaw with a bimetal blade and the highest teeth per inch (TPI) available.
- Variable-Speed Angle Grinder set to the lowest speed using the Schluter®-PROCUT-TSM cutting wheel.
- Chop saw or Miter Saw with a non-ferrous blade.

Regardless of the cutting tool used, remove any burrs from the cut end of the profile with a file or similar before installation.

Stainless steel profiles may be cut using any of the following options:

- Variable-Speed Angle Grinder set to the lowest speed using the Schluter®-PROCUT-TSM cutting wheel.
- Band Saw with a metal cutting blade.

Regardless of the cutting tool used, remove any burrs from the cut end of the profile with a file or similar before installation.

Installation

SCHIENE, DECO, RENO-TK, RENO-U, RENO-RAMP, and RENO-V

1. Select the profile according to tile thickness and format.

Note: When using Schluter® uncoupling membranes with RENO-U and RENO-RAMP profiles, factor in the thickness of the membrane over the anchoring leg when selecting the profile height.

2. Using a notched trowel, apply thin-set mortar to the area where the profile is to be placed.

For RENO-U and RENO-RAMP, fill the cavity beneath the sloped section of the profile with thin-set mortar. Follow this step when RENO-V is used in heavy-duty applications, as well.

3. Press the perforated anchoring leg of the profile into the mortar and align.

4. Trowel additional thin-set mortar over the perforated anchoring leg to ensure full coverage and support of the tile edges.
5. Solidly embed the tiles so that the tiled surface is flush with the top of the profile; the profile should not be higher than the tiled surface, but rather up to approx. 1/32" (1 mm) lower.
6. Set the tile to the integrated joint spacer, which ensures a uniform joint of 1/16" - 1/8" (1.5 - 3 mm). For DECO and stainless steel profiles, leave a space of approximately 1/16" - 1/8" (1.5 - 3 mm).
7. Fill the joint completely with grout or setting material.
8. Remove grout or mortar residue from the visible surface of the profile.

RENO-RAMP-K

1. Fill the cavity beneath the sloped section of the profile with thin-set mortar.
2. Using a notched trowel, apply thin-set mortar to the area where the profile is to be placed.
3. Press the profile into the mortar and abut to the adjacent floor covering. The profile should not be higher than the adjacent floor covering, but rather up to approx. 1/32" (1 mm) lower.
4. Fill the joint completely with grout or setting material.
5. Work with materials and tools that will not scratch or damage sensitive surfaces. Setting materials must be removed immediately.

RENO-T

1. Select the profile according to joint width, to ensure proper support of the lateral crosspiece.
2. The joint cavity must be at least 3/8" (9 mm) deep and free of debris. Substances that inhibit adhesion must be removed from the sides of the joint.
3. Fill the joint with elastomeric sealant such as Schluter®-KERDI-FIX or similar. Then insert the vertical leg of RENO-T in the joint so that the lateral crosspiece rests completely on the edges of the surface coverings.
4. Remove any excess sealant with a suitable cleaner.



Maintenance

Schluter edge-protection and transition profiles require no special maintenance or care and are resistant to mold and fungi. Clean profiles using common household cleaning agents. Stainless steel surfaces exposed to the environment or aggressive substances should be cleaned periodically using a

mild household cleaner. Regular cleaning maintains the neat appearance of stainless steel and reduces the risk of corrosion. All cleaning agents must be free of hydrochloric acid, hydrofluoric acid, and chlorides. Stainless steel surfaces develop a sheen when treated with a chrome-polishing agent.

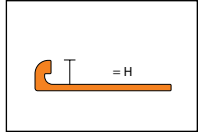
Oxidation films on exposed solid brass or aluminum can be removed by using a conventional polishing agent, but will form again.

In the case of anodized aluminum, color-coated aluminum, and chrome-plated solid brass, do not use abrasive cleaning agents.

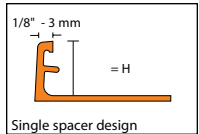
Product Item Numbers



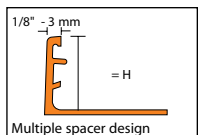
Aluminum, Brass
3/32" - 3/16" (2 - 4.5 mm)



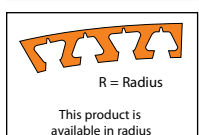
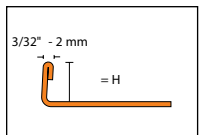
1/4" - 1/2" (6 - 12.5 mm)



Single spacer design
17/32" - 1-3/16" (14 - 30 mm)



Stainless steel



This product is available in radius

1.1 Schluter® -SCHIENE

H = mm - in.	Item No.					
	Stainless steel 316L (1.4404 = V4A) (E/V4A)	Stainless steel 304 (1.4301 = V2A) (E)	Brushed stainless steel 304 (1.4301 = V2A) (EB)	Solid brass (M)	Aluminum (A)	Satin anodized aluminum (AE)
2 - 3/32	-	E 20	-	-	A 20	AE 20
3 - 1/8	-	E 30	-	M 30	A 30	AE 30
4.5 - 3/16	E 45/V4A	E 45	-	M 45	A 45	AE 45
6 - 1/4	E 60/V4A	E 60	E 60 EB	M 60	A 60	AE 60
7 - 9/32	-	E 70	-	-	A 70	AE 70
8 - 5/16	E 80/V4A	E 80	E 80 EB	M 80	A 80	AE 80
9 - 11/32	-	E 90	-	M 90	A 90	AE 90
10 - 3/8	E 100/V4A	E 100	E 100 EB	M 100	A 100	AE 100
11 - 7/16	-	E 110	E 110 EB	M 110	A 110	AE 110
12.5 - 1/2	E 125/V4A	E 125	E 125 EB	M 125	A 125	AE 125
14 - 17/32	-	E 140	-	-	A 140	AE 140
15 - 9/16	E 150/V4A	E 150	-	M 150	A 150	AE 150
16 - 5/8	-	E 160	-	M 160	A 160	AE 160
17.5 - 11/16	E 175/V4A	E 175	-	M 175	A 175	AE 175
20 - 3/4	E 200/V4A	E 200	-	M 200	A 200	AE 200
21 - 13/16	-	-	-	-	A 210	AE 210
22.5 - 7/8	E 225/V4A	E 225	-	M 225	A 225	AE 225
25 - 1	E 250/V4A	E 250	-	M 250	A 250	AE 250
27.5 - 1-1/16	-	-	-	-	A 275	AE 275
30 - 1-3/16	E 300/V4A	E 300	-	M 300	A 300	AE 300

H = mm - in.	Item No.			
	Bright chrome anodized aluminum (ACB)	Bright nickel anodized aluminum (ATB)	Bright copper anodized aluminum (AKB)	Bright brass anodized aluminum (AMB)
6 - 1/4	A 60 ACB	A 60 ATB	A 60 AKB	A 60 AMB
8 - 5/16	A 80 ACB	A 80 ATB	A 80 AKB	A 80 AMB
10 - 3/8	A 100 ACB	A 100 ATB	A 100 AKB	A 100 AMB
12.5 - 1/2	A 125 ACB	A 125 ATB	A 125 AKB	A 125 AMB

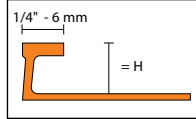
Length supplied: 8' 2-1/2" — 2.5 m

Note: Additional finishes are available for this product. The design configuration of Schluter® -SCHIENE is identical to that of Schluter® -JOLLY (see Wall and Countertop Profiles). However, their materials and finishes do vary. SCHIENE, in all materials and finishes, is suitable for floor applications, as well as wall and countertop applications. JOLLY is suited primarily for walls and countertops. However, JOLLY in AM, AMGB, AK, AKGB, AT, ATGB, ABGB and ACGB is also suitable for floors, and may be used in such applications to increase design options.

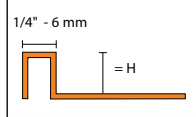
FLOOR PROFILES



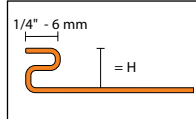
Aluminum & MC 80 D



Brass



Stainless steel



1.6 Schluter® -DECO

H = mm - in.	Item No.			
	Stainless steel 304 (1.4301 = V2A) (E)	Solid brass (M)	Chrome-plated solid brass (MC)	Satin anodized aluminum (AE)
8 - 5/16	E 80 D	-	MC 80 D	AE 80 D
9 - 11/32	E 90 D	M 90 D	MC 90 D	-
10 - 3/8	E 100 D	-	-	AE 100 D
11 - 7/16	E 110 D	M 110 D	MC 110 D	-
12.5 - 1/2	E 125 D	M 125 D	MC 125 D	AE 125 D
14 - 17/32	E 140 D	-	-	-
16 - 5/8	E 160 D	-	-	-
18.5 - 23/32	E 185 D	-	-	-
21 - 13/16	E 210 D	-	-	-
25 - 1	E 250 D	-	-	-
30 - 1- 3/16	E 300 D	-	-	-

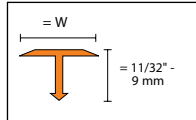
Length supplied: 8' 2-1/2" — 2.5 m



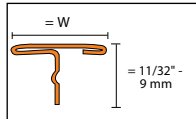
Note: Only the brass and aluminum DECO are available in radius.



Aluminum, Brass



Stainless steel



1.3 Schluter® -RENO-T

W = mm - in.	Item No.						
	Stainless steel 304 (1.4301 = V2A) (E)	Brushed stainless steel 304 (1.4301 = V2A) (EB)	Solid brass (M)	Satin anodized aluminum (AE)	Satin nickel anodized aluminum (AT)	Satin copper anodized aluminum (AK)	Satin brass anodized aluminum (AM)
14 - 9/16	T 9/14 E	T 9/14 EB	T 9/14 M	T 9/14 AE	T 9/14 AT	T 9/14 AK	T 9/14 AM
25 - 1	T 9/25 E	T 9/25 EB	T 9/25 M	T 9/25 AE	T 9/25 AT	T 9/25 AK	T 9/25 AM

Length supplied: 8' 2-1/2" — 2.5 m

1.4 Schluter® -RENO-TK

H = mm - in.	Item No.						
	Stainless steel 304 (1.4301 = V2A) (E)	Brushed stainless steel 304 (1.4301 = V2A) (EB)	Solid brass (M)	Satin anodized aluminum (AE)	Bright chrome anodized aluminum (ACB)	Satin nickel anodized aluminum (AT)	Brushed nickel anodized aluminum (ATGB)
6 - 1/4	-	-	-	AETK 60	ATK 60 ACB	ATK 60 AT	-
8 - 5/16	ETK 80	EBTK 80	MTK 80	AETK 80	ATK 80 ACB	ATK 80 AT	ATK 80 ATGB
10 - 3/8	ETK 100	EBTK 100	MTK 100	AETK 100	ATK 100 ACB	ATK 100 AT	ATK 100 ATGB
11 - 7/16	ETK 110	EBTK 110	-	-	-	-	-
12.5 - 1/2	ETK 125	EBTK 125	MTK 125	AETK 125	ATK 125 ACB	ATK 125 AT	ATK 125 ATGB

H = mm - in.	Item No.			
	Satin copper anodized aluminum (AK)	Brushed copper anodized aluminum (AKGB)	Brushed antique bronze anodized aluminum (ABGB)	Bright brass anodized aluminum (AMB)
6 - 1/4	ATK 60 AK	-	-	ATK 60 AMB
8 - 5/16	ATK 80 AK	ATK 80 AKGB	ATK 80 ABGB	ATK 80 AMB
10 - 3/8	ATK 100 AK	ATK 100 AKGB	ATK 100 ABGB	ATK 100 AMB
12.5 - 1/2	ATK 125 AK	ATK 125 AKGB	ATK 125 ABGB	ATK 125 AMB

Length supplied: 8' 2-1/2" — 2.5 m

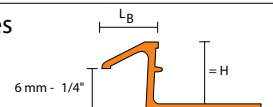


ADA-Compliant



Note: Only the brass and aluminum RENO-TK are available in radius (sizes 60 - 100).

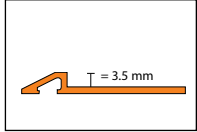
Diagram Values



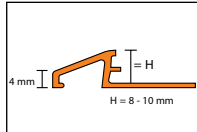
H = mm - in.	L _B = mm - in.	
	Aluminum	Stainless steel/Brass
6 - 1/4	7.5 - 1 9/64	-
8 - 5/16	8.5 - 21/64	7 - 9/32
10 - 3/8	8.5 - 21/64	11 - 7/16
11 - 7/16	-	13.5 - 17/32
12.5 - 1/2	15.5 - 39/64	16.5 - 21/32



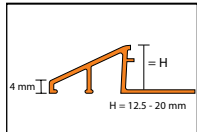
Aluminum
1/8" (3.5 mm)



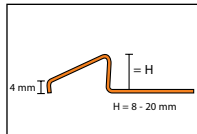
5/16" - 3/8" (8 - 10 mm)



1/2" - 3/4" (12.5 - 20 mm)



Stainless steel, Brass



1.2 Schluter ®-RENO-U

H = mm - in.	Item No.						
	Stainless steel 304 (1.4301 = V2A) (E)	Brushed stainless steel 304 (1.4301 = V2A) (EB)	Solid brass (M)	Satin anodized aluminum (AE)	Bright chrome anodized aluminum (ACB)	Satin nickel anodized aluminum (AT)	Brushed nickel anodized aluminum (ATGB)
3.5 - 1/8	-	-	-	AEU 35	-	-	-
8 - 5/16	EU 80	EBU 80	MU 80	AEU 80	AU 80 ACB	AU 80 AT	AU 80 ATGB
10 - 3/8	EU 100	EBU 100	MU 100	AEU 100	AU 100 ACB	AU 100 AT	AU 100 ATGB
11 - 7/16	EU 110	EBU 110	-	-	-	-	-
12.5 - 1/2	EU 125	EBU 125	MU 125	AEU 125	AU 125 ACB	AU 125 AT	AU 125 ATGB
15 - 9/16	EU 150	EBU 150	MU 150	AEU 150	-	-	-
17.5 - 11/16	EU 175	EBU 175	MU 175	AEU 175	-	-	-
20 - 3/4	EU 200	EBU 200	MU 200	-	-	-	-
H = mm - in.	Item No.						
	Satin copper anodized aluminum (AK)	Brushed copper anodized aluminum (AKGB)	Brushed antique bronze anodized aluminum (ABGB)	Satin brass anodized aluminum (AM)	Bright brass anodized aluminum (AMB)		
	8 - 5/16	AU 80 AK	AU 80 AKGB	AU 80 ABGB	AU 80 AM	AU 80 AMB	
	10 - 3/8	AU 100 AK	AU 100 AKGB	AU 100 ABGB	AU 100 AM	AU 100 AMB	
	12.5 - 1/2	AU 125 AK	AU 125 AKGB	AU 125 ABGB	AU 125 AM	AU 125 AMB	

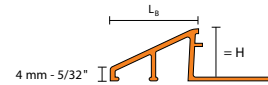
Length supplied: 8' 2-1/2" — 2.5 m



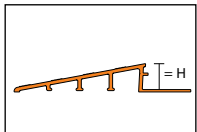
ADA-Compliant

Note: When leading edge abuts lower surface covering, sizes 3/4" (20 mm) and 11/16" (17.5 mm) are not ADA-compliant. When leading edge rests on top of lower surface covering, sizes 3/4" (20 mm), 9/16" (15 mm), and 11/16" (12.5 mm) are not ADA-compliant.

Diagram Values



H = mm - in.	L _B = mm - in.	
	Aluminum	Stainless steel/Brass
3.5 - 1/8	9 - 23/64	-
8 - 5/16	12.5 - 31/64	13 - 33/64
10 - 3/8	16.5 - 21/32	17.5 - 11/16
11 - 7/16	-	19.5 - 49/64
12.5 - 1/2	22 - 55/64	23 - 29/32
15 - 9/16	27.5 - 1-5/64	28 - 1-7/64
17.5 - 11/16	27 - 1-1/16	33.5 - 1-5/16
20 - 3/4	31.5 - 1-15/64	40 - 1-37/64



1.8 Schluter ®-RENO-RAMP

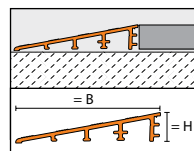
H = mm - in.	Item No.	
	Satin anodized aluminum (AE)	
B = 50 mm - 2"		
6 - 1/4	AERP 60 B50	
B = 64 mm - 2-1/2"		
10 - 3/8	AERP 100 B65	
12.5 - 1/2	AERP 125 B65	
B = 89 mm - 3-1/2"		
12.5 - 1/2	AERP 125 B90	
15 - 9/16	AERP 150 B90	
20 - 3/4	AERP 200 B90	

Length supplied: 8' 2-1/2" — 2.5 m



ADA-Compliant

Note: RENO-RAMP sizes 3/4" - 20 mm and 9/16" - 15 mm are not ADA-compliant.



B = 64 mm - 2-1/2"

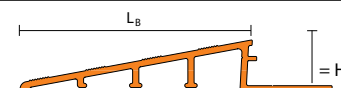
1.8 Schluter ®-RENO-RAMP-K

H = mm - in.	Item No.	
	Satin anodized aluminum (AE)	
B = 64 mm - 2-1/2"		
12.5 - 1/2	AERPK 125 B65	

Length supplied: 8' 2-1/2" — 2.5 m

Diagram Values

Length supplied: 8' 2-1/2" — 2.5 m



H = mm - in.	L _B = mm - in.
6 - 1/4	50 - 2
10 - 3/8	64 - 2-1/2
12.5 - 1/2	64 - 2-1/2
12.5 - 1/2	89 - 3-1/2
15 - 9/16	89 - 3-1/2
20 - 3/4	89 - 3-1/2

COVERAGE AND CONDITIONS: Subject to the conditions and limitations as stated hereinafter, Schluter-Systems® warrants that Schluter®-Systems Floor Profiles (the "Products")** will be free from manufacturing defects for a period of five (5) years from the date of purchase and only when the Products are used and installed in accordance with the terms and conditions of the Schluter®-Systems Floor Profiles Technical Data Sheet and industry standard guidelines that are not in conflict with the Data Sheet in effect at the time of installation. It is the responsibility of the owner/builder/installer to ensure the suitability of all building materials and all associated building materials for the owner's intended use. Visual defects or nonconformities apparent prior to installation are not covered by this warranty. Further, this warranty does not cover normal wear and tear or other damage (e.g., scratches, discoloration, fading, etc.) caused by impacts or accidents. It is recommended that the owner consult an experienced and professional installer.

RESOLUTION: If the Products fail to meet this warranty, then the owner's exclusive remedy and the sole obligation of Schluter-Systems, at its election, shall be to a) reinstall or replace the failed portion of the tile assembly or b) pay an amount not to exceed the original square foot cost of the installation of the tile assembly verified to be defective. Tile assembly is defined to include all Schluter®-Systems Floor Profiles, non-reusable tile surfaces, and the appropriate setting and grouting materials. Further, due to conditions beyond the control of Schluter-Systems (e.g., color and shade availability, discontinuation, normal wear and tear), Schluter-Systems cannot guarantee or warrant an exact match to the specific tile, stone, or other flooring materials used in the installation. In such events, substantially similar materials may be substituted.

DISCLAIMER: THERE ARE NO WARRANTIES BEYOND THIS EXPRESSED WARRANTY AS STATED ABOVE. ALL OTHER WARRANTIES, REPRESENTATIONS OR CONDITIONS, EXPRESSED OR IMPLIED, ARE DISCLAIMED AND EXCLUDED, INCLUDING WARRANTIES, REPRESENTATIONS OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARISING BY STATUTE OR OTHERWISE BY LAW OR FROM A COURSE OF DEALING OR USAGE OF TRADE. SCHLUTER-SYSTEMS EXCLUDES AND IN NO EVENT SHALL HAVE ANY LIABILITY FOR LOST PROFITS OR ANY OTHER INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, EXEMPLARY, OR CONSEQUENTIAL DAMAGES, ARISING OUT OF OR OTHERWISE CONNECTED TO FAILURE OF THE PRODUCTS OR TILE ASSEMBLY OF WHICH THEY ARE PART, NOR MISUSE OF THE PRODUCTS OR TILE ASSEMBLY, REGARDLESS OF ANY STRICT LIABILITY, ACTIVE OR PASSIVE NEGLIGENCE OF SCHLUTER-SYSTEMS, AND REGARDLESS OF THE LEGAL THEORY (CONTRACT OR TORT OR EXTRA-CONTRACTUAL OR OTHER), NOR FROM ACTS OF WAR, TERRORISM, FAULTY AND NEGLIGENT PENETRATION OF THE SYSTEM, FIRES, EXPLOSIONS, ACTS OF GOD, INTENTIONAL ACTS OF DESTRUCTION OR ANY LOSSES DUE TO STRUCTURAL FAILURE OR OTHER CAUSES UNRELATED TO THE PRODUCTS OR DELAYS, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY IS GIVEN IN LIEU OF ANY OTHER WARRANTY EXPRESSED OR IMPLIED. THE REMEDIES CONTAINED HEREIN ARE THE ONLY REMEDIES AVAILABLE FOR BREACH OF THIS WARRANTY. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, SOME STATES AND PROVINCES DO NOT ALLOW DISCLAIMERS OR OTHER RESTRICTIONS OF IMPLIED WARRANTIES SO SOME OF THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

TRANSFERABILITY: This Limited Warranty extends ONLY to the original end user (defined as original intended owner and user of the property/unit in which the installation is incorporated - herein referred to as "Owner") and is not transferable or assignable, unless approved in writing by the Technical Director or an Officer of Schluter-Systems or otherwise prohibited by specific state or provincial law.

MODIFICATIONS TO WARRANTY: No changes or modification of any terms or conditions of this warranty are allowed unless authorized by written agreement and signed by the Technical Director or an Officer of Schluter-Systems.

EFFECTIVE DATE: This warranty shall supersede and replace any and all prior oral or written warranties, agreements, or other such representations made by or on behalf of Schluter-Systems relative to the Products or the application of the Products and shall apply to any installation occurring on or after January 1, 2013.

CLAIMS ON THIS LIMITED WARRANTY: To make a claim under this Limited Warranty, the Owner must provide Schluter-Systems with written notice within 30 days of any alleged defect in the Products covered by this Limited Warranty, together with date and proof of purchase of the Products, proof of the costs of the original installation and name and address of all installers, failing which this Limited Warranty shall be of no legal effect. Schluter-Systems reserves the right at its election and as a condition of this Limited Warranty to inspect the alleged failed and defective condition.

All U.S. Claims shall be sent to:

All Canadian Claims shall be sent to:

Schluter Systems L.P.
Attn: Warranty Claims Dept.
194 Pleasant Ridge Road
Plattsburgh, NY 12901-5841

Schluter Systems (Canada), Inc.
Attn: Warranty Claims Dept.
21100 chemin Ste-Marie
Ste-Anne-de-Bellevue, QC H9X 3Y8

*For the purpose of this warranty Schluter Systems, L.P. shall provide the warranty for all products for end users located in the United States, and Schluter Systems (Canada) Inc. shall provide the warranty for all products for end users located in Canada. This warranty is limited to sales of the Products made in and intended for use in the United States and Canada.

**Schluter®-Systems Floor Profiles (the "Products"): The Products are defined to include all Schluter®-Systems floor profiles referred to in the Schluter®-Systems Floor Profiles Data Sheet.



Schluter Systems L.P. • 194 Pleasant Ridge Road, Plattsburgh, NY 12901-5841 • Tel.: 800-472-4588 • Fax: 800-477-9783
Schluter Systems (Canada) Inc. • 21100 chemin Ste-Marie, Ste-Anne-de-Bellevue, QC H9X 3Y8 • Tel.: 800-667-8746 • Fax: 877-667-2410

www.schluter.com

This technical data sheet is subject to change without notice. Please visit www.schluter.com for the latest version.



Vinyl Nosings

Product Specification

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. Proprietary Product: Resilient Vinyl Stair Nosings

1.2. Manufacturer:

Tarkett Phone: (800) 899-8916
30000 Aurora Rd. (440) 543-8916
Solon, Ohio 44139 Tech: Ext 9297
Web: www.tarkettna.com Samples: Ext 9299
E-mail: info@johnsonite.com

1.3. Proprietary Product Description:

1.3.1. **Construction:** Johnsonite Vinyl Stair Nosings are manufactured from a homogeneous composition of polyvinyl chloride (PVC), high quality additives, and colorants to meet the performance requirements of ASTM F-2169 Standard Specification for Resilient Stair Treads, Type TV, Class 1 and 2, Group 1 and 2. Johnsonite Vinyl Stair Nosings are available with a 2" (5.08 cm) wide co-extruded strip of contrasting color. Standard formulation exceeds ASTM E 648 Class 1 Flammability requirements. Johnsonite Vinyl Stair Nosings are designed for interior applications only and not recommended for commercial kitchen environments.

1.3.2. Styles:

Visually Impaired

- **VIRCN-XX-A** Visually Impaired Recessed Vinyl Stair Nosing, 2" (5.08 cm) hinged square nose configuration, 3-1/8" (7.94 cm) tread depth with 2" (5.08 cm) wide co-extruded contrasting color strip, undercut for 1/4" (6.35 mm) to 5/16" (7.94 mm) carpet, for solid color without co-extruded color strip specify **SRCN-A**
- **VIRCN-XX-B** Visually Impaired Recessed Vinyl Stair Nosing, 2" (5.08 cm) hinged square nose configuration, 3" (7.62 cm) tread depth with 2" (5.08 cm) wide co-extruded contrasting color strip, undercut for 1/8" (3.17 mm) resilient or 3/16" (4.76 mm) butt with lip removed, for 2" contrasting color grit strip specify **VIRCN-B2**, for solid color without co-extruded color strip specify **SRCN-B**
- **VITSN-XX-** Visually Impaired Top Set Vinyl Stair Nosing 2" (5.08 cm) square nose configuration, 3" (7.62 cm) tread depth with 2" (5.08 cm) wide co-extruded contrasting color strip, top-setting on concrete, steel, and wood steps to enhance visibility
- **VIVCD-XX** Visually Impaired Double Undercut Carpet Vinyl Stair Nosing, 2" (5.08 cm) hinged square nose configuration 3-3/16" (8.10 cm) tread depth with 2" (5.08 cm) wide co-extruded contrasting color strip, undercut for 1/4" (6.35 mm) to 5/16" (7.94 mm) carpet on step and riser, for solid color without co-extruded color strip specify **SVCD**

Non-visually Impaired

- **DTN-XX** Top Set Vinyl Stair Nosings for residential use, 1-3/4" (4.45 cm) square nose with 1-3/4" (4.45 cm) tread depth
- **VCD-XX** Double Undercut Carpet Vinyl Stair Nosing, 1-5/16" (2.85 cm) tread depth, 1-9/16" (3.10 cm) hinged square nose configuration, undercut for 1/4" (6.35 mm) to 5/16" (7.94 mm) carpet on step and riser
- **RCN-XX-A** Undercut Carpet Vinyl Stair Nosing, 1-15/16" (4.92 cm) tread depth, 2" (5.08 cm) hinged square nose configuration, undercut for 1/4" (6.35 mm) to 5/16" (7.94 mm) carpet
- **RCN-XX-B** Recessed Vinyl Stair Nosing, 3" (7.62 cm) tread depth with ribbed surface, 2" (5.08 cm) hinged, square nose configuration, undercut for 1/8" (3.18 mm) material
- **SVCD-XX-A** Double Undercut Carpet Vinyl Stair Nosing, 3-1/8" (7.93 cm) tread depth, 1-1/2" (3.81 cm) hinged square nose configuration, undercut for 3/8" (9.53 mm) carpet on step and riser
- **SRCN-XX-C** Recessed Vinyl Stair Nosing, 2" (5.08 cm) hinged, square nose configuration, 3-1/8" (7.94 cm) tread depth, undercut for 3/8" (9.53 mm) carpet on step
- **VDL-XX-SQ** 2-1/16" (5.24 cm) treads depth, 2" (5.08 cm) hinged square nose configuration, butt edge for 1/8" (3.17 cm) resilient materials
- **VDL-XX-RD** 1-1/2" (3.75 cm) diameter round nose configuration, 2-1/16" (5.24 cm) tread depth, butt edge for 1/8" (3.17 cm) resilient materials

1.3.3. Physical Characteristics:

Lengths: 12 ft. (3.66 m), Packaging: 120 ft. (39.58 m) per carton, except VI and SRCN-A 72 ft. (21.95 m); VI and SVCD 60 ft. (18.29 m); SVCD-A and SRCN-C 48 ft. (14.6 m)

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

- 1.1. **Hardness** (ASTM D 2240): Not less than 85 Shore A
- 1.2. **Abrasion Resistance** (ASTM D 3389): < 1 gram weight loss
- 2.1. **Slip Resistance:** ASTM D 2047 - Exceeds Federal Standards and ADA recommendations of .6 for flat surfaces
- 2.2. **Fire Resistance:** ASTM E 648/NFPA 253 (Critical Radiant Flux) - Class 1

STAIRWELL MANAGEMENT

Vinyl Nosings

Product Specification

3. INSTALLATION

3.1. See Stair Tread, Nosing, Riser, and Stringer installation instructions for complete details.

3.2. Adhesives:

- **Tarkett 946 Premium Contact Adhesive Coverage:**
Non-porous Substrate:
24 – 36 sq. ft. per 1 kg (0.95 quart) unit
144 – 215 sq. ft. per 6 kg (1.44 gallon) unit
- **Tarkett 930 Two-part Epoxy Nose Caulk Coverage:**
50 linear feet per 30 oz. cartridge
(Based on approximately 1/4" bead size)

4. AVAILABILITY AND COST

Available through authorized Tarkett distributors nationwide.

5. WARRANTY

Limited 2 year warranty. For complete details, contact Tarkett or an authorized Tarkett distributor.

6. MAINTENANCE

72 hours after installation is completed, initial maintenance procedures can be implemented. Refer to vinyl nosing maintenance instructions for complete details.

7. TECHNICAL SERVICES

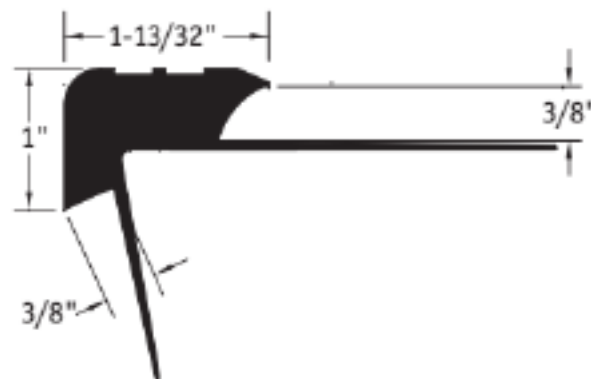
Samples: Submittal samples for verification and approval available upon request from Tarkett. Samples shall be submitted in compliance with the requirements of the contract documents. Accepted and approved samples shall constitute the standard materials which represent materials installed on the project.

For current Installation and Maintenance Instructions, Product Specifications, and other technical data, visit us on the web at www.tarkettna.com or contact Tarkett at 1-800-899-8916.



THE ULTIMATE
FLOORING EXPERIENCE

Technical Services Department
30000 Aurora Road, Solon, Ohio 44139
(800) 899-8916 ext 9297
Fax (440) 632-5643
email: info@johnsonite.com
www.tarkettna.com



SLN-XX-C: Double Undercut Carpet Vinyl Stair Nosing, $\sim 3/5"$ (1.4 cm) tread depth, $\sim 1-2/5"$ (3.6 cm) hinged square nose configuration, undercut for $3/8"$ (9.5 mm) to $3/8"$ (9.5 mm) carpet on step and riser.



32 Pebble
Roundel

Slim Line Nosings

Product Specification

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. Proprietary Product: Resilient Vinyl Stair Nosings

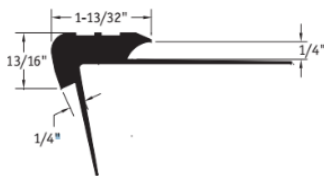
1.2. Manufacturer:

Tarkett Phone: (800) 899-8916
 30000 Aurora Rd. (440) 543-8916
 Solon, Ohio 44139 Tech: Ext 9297
 Web: www.tarketta.com Samples: Ext 9299
 E-mail: info@johnsonite.com

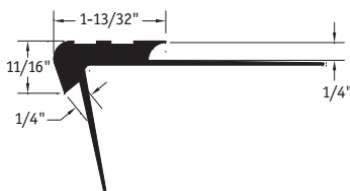
1.3. Proprietary Product Description:

1.3.1. **Construction:** Johnsonite Vinyl Stair Nosings are manufactured from a homogeneous composition of polyvinyl chloride (PVC), high quality additives, and colorants Johnsonite Vinyl Stair Nosings are designed for interior applications only and not recommended for commercial kitchen environments.

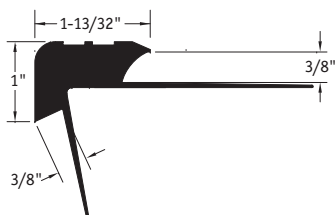
1.3.2. Styles:



SLN-XX-A: Double Undercut Carpet Vinyl Stair Nosing, 3/4" (2.0 cm) tread depth, ~1-2/5" (3.6 cm) hinged square nose configuration, undercut for 1/4" (6.35 mm) to 1/4" (6.35 mm) carpet on step and riser.



SLN-XX-B: Double Undercut Carpet Vinyl Stair Nosing, ~2/3" (1.7 cm) tread depth, ~1-2/5" (3.6 cm) hinged square nose configuration, undercut for 3/16" (4.8 mm) to 3/16" (4.8 mm) carpet on step and riser.



SLN-XX-C: Double Undercut Carpet Vinyl Stair Nosing, ~3/5" (1.4 cm) tread depth, ~1-2/5" (3.6 cm) hinged square nose configuration, undercut for 3/8" (9.5 mm) to 3/8" (9.5 mm) carpet on step and riser.

1.3.3. **Physical Characteristics:** Lengths: 12 ft. (3.66 m), Packaging: 120 ft. (39.58 m) per carton

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

- Meets ASTM F-2169 performance standards for Resilient Stair Treads, Type TV, Class 2
- **Abrasion Resistance:** ASTM D 3389, < 1.00 gram weight loss
- **Slip Resistance:** ASTM D 2047 - Exceeds Federal Standards and ADA recommendations of .6 for flat surfaces
- **Fire Resistance:** ASTM E 648/NFPA 253 (Critical Radiant Flux) - Class 1

3. INSTALLATION

3.1. See Stair Tread, Nosing, Riser, and Stringer installation instructions for complete details.

3.2. Adhesives:

- **Tarkett 946 Premium Contact Adhesive Coverage:**
 Non-porous Substrate:
 24 – 36 sq. ft. per 1 kg (0.95 quart) unit
 144 – 215 sq. ft. per 6 kg (1.44 gallon) unit
- **Tarkett 930 Two-part Epoxy Nose Caulk Coverage:**
 50 linear feet per 30 oz. cartridge
 (Based on approximately 1/4" bead size)

4. AVAILABILITY AND COST

Available through authorized Tarkett distributors nationwide.

5. WARRANTY

Limited 2 year warranty. For complete details, contact Tarkett or an authorized Tarkett distributor.

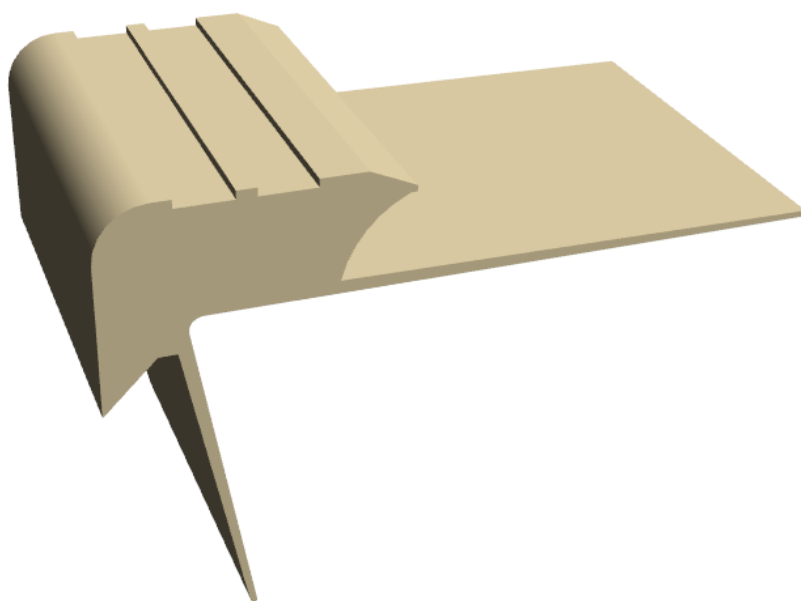
6. MAINTENANCE

72 hours after installation is completed, initial maintenance procedures can be implemented. Refer to vinyl nosing maintenance instructions for complete details.

7. TECHNICAL SERVICES

Samples: Submittal samples for verification and approval available upon request from Tarkett. Samples shall be submitted in compliance with the requirements of the contract documents. Accepted and approved samples shall constitute the standard materials which represent materials installed on the project.

For current Installation and Maintenance Instructions, Product Specifications, and other technical data, visit us on the web at www.tarketta.com or contact Tarkett at 1-800-899-8916.



SLN-XX-C
3/8" material
on step 3/8"
material on riser



JOHNSONITE RUBBER AND VINYL

Stair Treads, Nosings, Risers, and Stringers

Installation Instructions

INTRODUCTION

These instructions are written as a guide to be used by professional installers when installing Tarkett products. These instructions, combined with our adhesives and flooring products, create a system. Utilizing this system will ease the installation process and provide the customer with a completed product that will perform to its intended purpose. Always visit www.tarkettna.com for the most current installation and maintenance instructions. Technical videos and tip sheets are also available. Contact Tarkett Technical Services at (800)-899-8916 ext. 9297 with any questions.

HANDLING AND STORAGE

1. All Tarkett products must be stored in an indoor, climate controlled space and be protected from the elements. Temperature must be maintained between 65°F (18.3°C) and 85°F (29.4°C) with a relative humidity between 40% and 60%.
2. All cartons must be stored on a dry, flat, level surface. Cartons must be carefully stacked squarely on top of one another and never be stored on edge. Take caution not to over stack the cartons and never double stack pallets. Always protect carton corners from damage by tow-motors and other traffic.
3. Do not flex, bend, or stand stair treads on end.
4. Tarkett flooring and adhesives must be site conditioned at room temperature for 48 hours prior to, during, and after installation. Room temperature must be maintained between 65°F (18.3°C) and 85°F (29.4°C) and the ambient relative humidity must be between 40% and 60%. We strongly recommend the permanent HVAC system be fully operating. **NOTE:** If a system other than the permanent HVAC source is utilized, it must provide proper control of both temperature and humidity to recommended or specific levels for the appropriate time duration as stated above.
5. Once the installation is completed, the service temperature of the space must never fall below 55°F (12.8°C).
6. In areas that are exposed to intense or direct sunlight, the product must be protected during the conditioning, installation, and adhesive curing periods, by covering the light source.
7. Tarkett products are not recommended for exterior use. Exposure to excessive UV rays can result in fading, degradation, and/or color variation.
8. The highest quality of materials and workmanship is employed in the manufacture of Tarkett Flooring and careful inspection is made before shipment. A quality installation is the responsibility of the installer. It is the installer's responsibility to verify the accuracy of the order and to ensure the materials are checked for damage, defects, and satisfactory color match. An authorized Tarkett distributor or Tarkett representative must be notified of any defects before installation proceeds. **Tarkett will not pay for labor or material costs claimed on installed materials with visual defects.**
9. Tarkett cannot accept responsibility for any loss or damage that may result due to processing or working conditions and/or workmanship outside our control.
10. Users are advised to confirm the suitability of this product by their own tests.

GENERAL SUBFLOOR PREPERATION

1. **All staircases** must be permanently dry, clean, smooth, and structurally sound. The surface must be free of all dust, loose particles, solvents, paint, grease, oil, wax, alkali, sealing/curing compounds, old adhesive, and any other foreign material, which could affect the installation and adhesive bond to the substrate. Permanent and non-permanent markers, pens, crayons, paint, or similar marking tools used to mark the substrate or the back of the resilient flooring material will cause migratory staining. Subfloor contamination or markings that bleed through the flooring material causing discoloration or staining are excluded from the Tarkett Limited Warranty. All substrate contaminants must be mechanically removed prior to the installation of the flooring material. **NOTE: Do not use liquid solvents or adhesive removers.**
Caution: Do not use oil based sweeping compounds.
Fill all depressions, cracks, and other surface irregularities with a good quality Portland cement based underlayment patching compound appropriate for this purpose.
Tarkett does not recommend installing over existing resilient floors. All existing flooring and adhesives must be mechanically removed prior to installing the new flooring material – **Do not use chemical adhesive removers or solvents.** Refer to the Resilient Floor Covering Institute (RFCI), *Recommended Work Practices for Removal of Existing Resilient Flooring* for best work practices.
Caution: Do not install stair treads and nosings in areas that are exposed to grease, oil or animal fats.

Caution: Some resilient flooring products and adhesives contain "asbestos fibers" and special handling of this material is required.

2. **Concrete staircases** must be constructed as recommended by the American Concrete Institute's ACI 302.2 Guide for Concrete Slabs that Receive Moisture-Sensitive Flooring Materials and prepared in accordance with ASTM F 710 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring.

Do not install Tarkett flooring over expansion joints, control joints, or other moving joints in the substrate. These joints must be respected and should not be filled with products that are not intended for that purpose. Contact an expansion joint cover manufacturer to meet specific flooring conditions.

All concrete subfloors must be tested for moisture and pH (alkalinity):

Moisture testing must be conducted in accordance with ASTM F 2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using *in situ* Probes or ASTM F 1869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride. Following ASTM F 2659 Preliminary Evaluation of Comparative Moisture Condition of Concrete, Gypsum Cement and Other Floor Slabs and Screeds Using a Non-destructive Electronic Moisture Meter can provide qualitative information prior to performing ASTM F 2170 or ASTM F 1869.

Acceptable moisture limits can be found in the adhesive section below, on the adhesive label, and in the adhesive specifications online. Test results must not exceed the limits of the adhesive.

If the tests results exceed the limitations, the installation must not proceed until the problem has been corrected. Tarkett does not recommend or warrant any particular product or procedure for the



THE ULTIMATE
FLOORING EXPERIENCE

remediation of high moisture in concrete substrates. There are several companies that manufacture products suitable for moisture remediation. We suggest you refer to the current ASTM F 710 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring and ASTM F 3010 Standard Practice for Two Component Resin Based Membrane-Forming Moisture Mitigation Systems for Use Under Resilient Flooring Systems.

A pH test for alkalinity must be conducted. Acceptable pH range of the adhesive can be found in the adhesive section below, on the adhesive label, and in the adhesive specifications online. Results must not exceed the limits of the adhesive. If the test results are not within the acceptable range, the installation must not proceed until the problem has been corrected.

3. **Wood staircases** must be firmly nailed and sanded flat. Countersink nail heads and fill depressions, joints, cracks, gouges, and chipped edges with a good quality Portland cement based patching compound designed for this purpose.

GENERAL INSTALLATION

1. Tarkett recommends that the installation of new stairwell materials not be performed until all the other trades have completed their work. Proper precautions must be taken during and after the installation process to avoid damage to the newly installed stairwell materials.
2. Johnsonite Stair Treads, Nosings, Risers, and Stringers are available in convenient lengths and sizes, but normally, trimming will be required to obtain proper fit on each stair.

STRINGER INSTALLATION

1. **Adhesive Application:** See adhesive chart below and follow adhesive label instructions for proper use.
2. **Stringer Installation:**
 - a. Stringers are applied to the vertical surface adjacent to the staircase and installed prior to stair treads, nosings, and risers.
 - b. Use scribing felt or other appropriate material to make a template of the step stringer. Rough cut the template and use releasable masking tape to affix the template to the step stringer.
 - c. Using a carpenter's square, dividers or other appropriate tool, transfer the step profile onto the template.
 - d. Lay the template over the stringer material and transfer the pattern onto the material. Cut the stringer material and check the fit to the staircase prior to applying the adhesive.
 - e. **If the wall surface is porous,** install stringer utilizing Tarkett 960 Wall Base Adhesive. Follow the directions on the container for

Do not install over OSB (Oriented Strand Board), particle board, chipboard, lauan or composite type underlayments.

4. **Terrazzo and Ceramic staircases** surface must be thoroughly sanded to remove all glaze and waxes. Remove or replace all loose tiles and clean the grout lines. Use a good quality Portland cement based leveling compound to fill all grout lines and other depressions.
5. **Steel staircase** surface must be mechanically abraded to assist with the adhesive bond. The staircase must be cleaned to remove all dirt, rust and other contaminants that could affect the adhesive or the bond of the flooring material to the substrate. Surface must be primed with a rust inhibitor. It is important to follow the non-porous installation instructions when installing over metal.
6. **An adhesive bond test** must be performed using the actual flooring materials and adhesive to be installed. The test areas must be a minimum of 36" x 36" and remain in place for at least 72 hours and then evaluated for bond strength to the concrete.

3. If the shape of the step does not conform to the shape of the stair tread or nosing, and cannot be altered to conform, then we do not recommend the installation of our products.
4. Trimming on both sides of the tread may be required to obtain proper fit and pattern match to adjacent steps.
5. **Wide staircases,** which require butting multiple lengths of product, will require additional planning and dry fitting prior to adhesive installation to ensure proper pattern alignment.

proper trowel size and application.

- f. **If the wall surface is nonporous,** apply Tarkett 946 Premium Contact Adhesive to both the wall surface and the back of the stringer material. Allow the adhesive to thoroughly "dry-to-touch". Carefully position the stringer material on the wall surface.
Caution: Allow the 946 adhesive to dry to the touch with no transfer to the finger. Once the adhesive reaches the "dry-to-touch" state, the stringer must be installed within 45 minutes and immediately rolled.
Note: Once contact is made to the wall surface, the stringer material cannot be repositioned.
- g. The stringer must be rolled with a small hand roller to ensure adhesive transfer.
- h. Inspect the stringer surface, remove any excess adhesive.

STAIR TREAD, NOSING, AND RISER INSTALLATION

1. **Adhesive Application:** See adhesive chart below and follow adhesive label instructions for proper use.
2. **Fitting the Stair Tread / Nosing:**
 - a. Johnsonite Stair Treads, Nosings, and Risers must be trimmed to proper size and dry laid prior to the application of adhesive.
 - b. Since each step on a staircase can vary slightly in width, depth, and squareness, Tarkett recommends scribing each tread/nosing and riser to ensure proper fit on the step.
 - c. Measure the width of the step and place a pencil mark on the step's riser indicating the center of the step. Next, measure the length of the stair tread and mark the center point at the back of the tread where the tread meets the riser. When installing a nosing, extend the centerline mark approximately 4 to 5 inches back from the step nose.
NOTE: When installing patterned treads the same point of the pattern should always fall at the center point of each tread for visual alignment.
 - d. To fit the stair tread to the depth of the step, place a 2 x 4 under the nose of the tread and position on step. If the tread is still deeper than the step, use the 4" side of the 2 x 4 or increase the size of the spacer, until the back of the stair tread is away from the riser.
 - e. Set the dividers 1/16" wider than the width of the spacer (i.e.: 2 x 4), scribe, and cut the back of the stair tread.

- f. To cut the width, position the stair tread/nosing on the step with the right hand side net to the stringer.
 - g. Utilizing a set of dividers, span the needles across the two centerline marks. Increase the measurement by approximately a 1/16" to allow for expansion.
 - h. Move to the right hand side of the step. Place one needle on the stringer and the other on the tread or nosing. Start at the back of the tread and pull the dividers forward. Keep the needle firmly in contact with the stringer while exerting adequate downward force to scribe the tread and nose of the material.
 - i. Following the scribe line, cut the material with a utility knife.
 - j. Reposition the tread/nosing on the left hand side of the step and repeat the same procedure to fit the left side of the tread or nosing.
 - k. After fitting the stair tread as described above, if the tread has carborundum strips, cut strips back 1/16" on each side of tread to allow for expansion. After installation of the tread, roll the carborundum strips to ensure adhesion.
 - l. Position the stair tread/nosing on the step. There must be approximately 1/16" uniform clearance around the perimeter of the tread for expansion.
3. **Fitting the Riser:**
 - a. Following the previous directions for scribing the width of the stair tread/nosing, utilize the same centerline mark on the step, position the riser, scribe both sides, and cut.

- b. Set the trimmed stair tread and riser in place. Position the nose of the stair tread over the riser material. Using the edge of the stair tread nose as a guide, scribe a line on the riser material using a pin vice or divider needle. When utilizing an under-scribe tool do not overlap the riser material with the tread nose prior to scribing. Follow the scribe line and cut the riser material with a utility knife to abut the bottom of the stair tread nose when installed. (See Figure above for proper installation)

4. Fitting One Piece Tread Riser Combination:

- a. Tarkett recommends installing a CFS-00-A Cove Filler Strip where the tread and riser intersect on the step. The filler strip must be installed prior to trimming the riser. The cove filler strip must be trimmed to fit the width of the stair and installed with Tarkett 946 Premium Contact Adhesive. Apply the adhesive to the back of the cove filler strip and where the tread and riser intersect. Allow the adhesive to dry to the touch. Place cove filler strip in position and roll with a small hand roller
- b. Following the procedures described in "Fitting the Stair Tread / Nosing" above, scribe the tread and riser portions at the same time.
- c. Set the trimmed stair tread and riser in place. Position the nose of the stair tread over the riser. Using the edge of the stair tread nose as a guide, scribe a line on the riser using a pin vice or divider needle. When utilizing an under-scribe tool do not overlap the riser with the tread nose prior to scribing. Follow the scribe line and cut the riser with a utility knife to abut the bottom of the stair tread nose when installed. (See Figure above for proper installation)

5. Adhesive Application:

Standard Stair Tread / Nosing

- a. Prior to applying adhesive, wipe the back of the tread and nosing with denatured alcohol to remove any contaminants which may interfere with the adhesive bond. (Follow manufacturer's precautions when using denatured alcohol.)
- b. To adhere the nose of the stair tread directly to the step riser, apply a uniform coat of Tarkett 946 Premium Contact Adhesive to the nosing area of the stair tread and step riser and allow the adhesive to dry to the touch. **The tread nose must be adhered to the step riser. Do not install tread nose over the resilient riser material.**
- c. **Important:** Step surface porosity must be checked to determine if the substrate is porous or non-porous prior to applying 965 adhesive.
- d. **For Porous Step Surfaces:** Trowel the 965 adhesive onto the tread portion of the step surface using a 1/16" square-notched trowel. Keep adhesive back 1/2" from the step edge to provide a bonding area for the 930 Epoxy Caulking Compound. Allow the 965 adhesive proper open time. **Open and working times are dependent on the ambient temperature, humidity, substrate porosity and temperature, and air movement. It is the installer's responsibility to modify the open and working time for jobsite conditions.**
- e. **For Non-Porous Step Surfaces:** Trowel the 965 adhesive onto the tread portion of the step surface using a 1/16" V-notch trowel. Keep adhesive back 1/2" from the step edge to provide a bonding area for the 930 Epoxy Caulking Compound. Allow enough open time for the adhesive to partially set and develop body. The stair tread or nosing **MUST** be placed into **semi-wet** adhesive to obtain a **complete transfer** of adhesive to the back of the tread which is vital for a successful installation.
- f. Gun an adequate amount of Tarkett 930 Two-Part Epoxy Caulking Compound into the nose of the stair tread/nosing to completely fill the void between the internal angle of the stair tread and external edge of the stair step. **Caution: Improper application of the caulking compound can interfere with the adhesion of the 965 and 946 adhesives.**
- g. Set the stair tread nose into its proper position on the step while lifting the back of the tread slightly to avoid adhesive contact. With the nose in position lay the tread into place until the nose is tight to the step edge.
- h. Make certain that the nosing portion of the stair tread is fit tight against the step nosing. After installation is complete, firmly roll with a small hand roller.
- j. Lift the riser portion of the unit and install from the bottom up.

- i. **Important:** If adhesive is allowed to remain uncovered, after the initial drying period, for periods longer than 45 minutes, a loss of adhesion strength will occur. Care should be taken by the installer not to spread more adhesive than can be worked within the 45 minute time frame.

Riser Material

- a. For riser installations on **porous surfaces**, apply Tarkett 960 Wall Base Adhesive to the ribbed surface (back) of the riser material with a 1/8" square-notched trowel. **The adhesive must cover 80% of the back of the riser material.** Leave a 1/4" (6.35mm) uncovered space at the top of the riser to prevent the adhesive from oozing to the surface of the riser.
- b. For riser installations on **non-porous surfaces** (i.e.: metal, epoxy paint, ceramics, etc.) apply Tarkett 946 Premium Contact Adhesive to both the step riser surface and the back of the riser material. Follow the adhesive label instructions for proper use.
- c. Position riser and roll with a small hand roller. **Note:** Once contact is made to the riser surface, the riser material cannot be repositioned.

One-Piece Tread and Riser Combination

Note: Cove Filler Strip must have been installed prior to the fitting process.

- a. Prior to applying adhesive, wipe the back tread and nosing with denatured alcohol to remove any contaminants which may interfere with the adhesive bond. (Follow manufacturer's precautions when using denatured alcohol.)
- b. To adhere the nose of the stair tread directly to the riser, apply a uniform coat of Tarkett 946 Premium Contact Adhesive to the nosing area of the stair tread and riser edge and allow the adhesive to dry to the touch. **Do not install tread nose over the riser material.**
- c. **Important:** Step surface porosity must be checked to determine if the substrate is porous or non-porous prior to applying 965 adhesive.
- d. **For Porous Step and Riser Surfaces:** Trowel the 965 adhesive onto the tread and riser portions of the step using a 1/16" square-notched trowel. Keep adhesive back 1/2" in both directions of the step edge to provide a bonding area for the 930 Epoxy Caulking Compound. Allow the 965 adhesive proper open time. **Open and working times are dependent on the ambient temperature, humidity, substrate porosity and temperature, and air movement. It is the installer's responsibility to modify the open and working time for jobsite conditions.**
- e. **NOTE: If step riser is non-porous Tarkett 946 Premium Contact Adhesive must be used. Follow the adhesive label instructions for proper use.**
- f. **For Non-Porous Step and Riser Surfaces:** Trowel the 965 adhesive onto the tread portion of the step using a 1/16" V-notch trowel. Keep adhesive back 1/2" from the step edge to provide a bonding area for the 930 Epoxy Caulking Compound. Allow enough open time for the adhesive to partially set and develop body. The stair tread or nosing **MUST** be placed into **semi-wet** adhesive to obtain a **complete transfer** of adhesive to the back of the tread which is vital for a successful installation.
- g. Apply Tarkett 946 Premium Contact Adhesive to both the step riser surface and the back of the riser material. Follow the adhesive label instructions for proper use.
- h. Gun an adequate amount of Tarkett 930 Two-Part Epoxy Caulking Compound into the nose of the stair tread/nosing to completely fill the void between the internal angle of the stair tread and external edge of the stair step. **Caution: Insufficient application of the caulking compound can result in adhesion loss of the nosing portion of the stair tread to the step surface.**
- i. Fold the riser portion of the one-piece unit so that the show surface of the riser is laying on the show surface of the stair tread. Next, position the stair tread into its proper position on the stair, beginning at the nose and pushing back firmly and down as tightly as possible. When installing, lift the back of the tread slightly at the riser until the nose is in position then firmly press the tread portion into place. Apply adequate pressure at the cove filler strip to ensure uniform

contact at the base of the riser and then proceed with the riser installation.

- k. After installation is complete, firmly roll with a small hand roller. Make certain that the nosing portion of the stair tread is fit tight against the step nosing.
- l. **Important:** If adhesive is allowed to remain uncovered, after the initial drying period, for periods longer than 45 minutes, a loss of adhesion strength will occur. Care should be taken by the installer not to spread more adhesive than can be worked within the 45 minute time frame.

6. Clean up:

ADHESIVE CLEAN UP

Excess adhesive should be removed during the installation process.

965 Flooring and Tread Adhesive

- ◆ Use a clean white cloth dampened with water to remove wet adhesive from floor covering and tools.
- ◆ Dried adhesive may require the use of denatured alcohol applied to a clean white cloth. (Follow manufacturer's precautions when using denatured alcohol.)

960 Wall Base Adhesive

- ◆ Use a clean white cloth dampened with water to remove wet adhesive from floor covering and tools.
- ◆ Dried adhesive may require the use of denatured alcohol applied to a clean white cloth. (Follow manufacturer's precautions when using denatured alcohol.)

- a. Inspect the tread and riser surfaces, remove any excess adhesive.
- b. **Caution:** 930 Epoxy Caulking Compound cannot be removed when dried without resulting in damage to the stair tread/nosing material.
- c. Foot traffic must be restricted for 12 to 24 hours after installation depending on temperature and humidity.
- d. Flooring must be swept or vacuumed to remove loose dirt and grit (Lightly damp mop if necessary).
- e. All heavy traffic, rolling loads, furniture dollies, etc. must be restricted for a minimum of 72 hours after installation.

946 Premium Contact Adhesive

- ◆ Use a clean white cloth dampened with water to remove wet adhesive from floor covering and tools.
- ◆ Dried adhesive may require the use of denatured alcohol applied to a clean white cloth. (Follow manufacturer's precautions when using denatured alcohol.)

930 Epoxy Caulking Compound

- ◆ Before the adhesive sets, remove excess adhesive from flooring and clean tools with denatured alcohol applied to a clean white cloth. (Follow manufacturer's precautions when using denatured alcohol.)
- ◆ Do not allow adhesive to dry on the flooring surface.
- ◆ Removing dried adhesive may cause irreparable damage to the flooring surface.

MAINTENANCE

1. Wait 72 hours after installation before performing initial cleaning.
2. A regular maintenance program must be started after the initial cleaning.
3. Refer to Tarkett's Maintenance Instructions for complete details.

ADHESIVE SELECTION CHART

Products	Adhesive	Application and Coverage		Moisture / pH Limits			Notes
		Porous	Non-Porous	RH%	CaCl ₂	pH	
Stair Tread	965 Flooring and Tread Adhesive	1/16 x 1/16 x 1/16 SQ 125 – 150 sq. ft. per gallon	1/16 x 1/16 x 1/16 V 150 – 175 sq. ft. per gallon	85%	7 lbs.	9	The 965 adhesive is sensitive to substrate porosity. Determine substrate porosity and follow the adhesive label instructions regarding porous and non-porous substrate drying times prior to the installation.
Riser Stringer	960 Wall Base Adhesive	1/8 x 1/8 x 1/8 SQ 4" = 200-250 lf. 6" = 100-150 lf. 2.5" = 300-350 lf.	USE 946 PREMIUM CONTACT ADHESIVE	N/A	N/A	N/A	Porous surfaces ONLY
Stair Tread Nose Nosing Riser Stringer	946 Premium Contact Adhesive	Applied with Brush or Roller 1 kg (.95 quart) unit 24 – 36 sq. ft. 6 kg (1.44 gallon) unit 144 – 215 sq. ft.	Applied with Brush or Roller 1 kg (.95 quart) unit 24 – 36 sq. ft. 6 kg (1.44 gallon) unit 144 – 215 sq. ft.	80%	5 lbs.	9	The 946 adhesive MUST be used to adhere the nose to the riser surface of angled back risers. Coverage based on both sides
Rubber and Vinyl Stair Treads, and Vinyl Nosings	930 Epoxy Caulking Compound	30 ounce Cartridge 1/4" = 50 lf.	30 ounce Cartridge 1/4" = 50 lf.	N/A	N/A	N/A	

CARPET				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
CPT-01	Carpet @ Ground Floor Corridor and 2nd - 7th floor	Shaw Contract Group Chelsea Sanchez 416-939-4557	Erase Ultraloc- Broadloom 5A214 col: Graphite 13510	Install Monolithic pattern, per manufacturers recommendations. Provide strike off sample to designer for approval prior to purchase/ installation.
CPT-02	Carpet @ Amenity Spaces	Shaw Contract Group Chelsea Sanchez 416-939-4557	Carpet Tile Expose tile 5T151 9" x 36" col: Past 50515	Provide strike off sample to designer for approval prior to purchase/ installation. Installed in herringbone pattern



erase

product type:	broadloom	
collection name:	hand drawn	
style number:	5A214	
construction:	multi-level pattern cut/loop	
fiber:	eco solution q® nylon	
dye method:	100% solution dyed	
primary backing:	synthetic	
secondary backing:	ultraloc®	
protective treatments:	ssp® shaw soil protection	
warranty:	lifetime commercial limited	
	u.s.	metric
product size:	12.00 feet	3.66 m
tufted weight:	20 oz/yd2	678.1 gms/sqm
gauge:	1/12 inch	47.2 per 10cm
stitches per inch	9 per inch	35 per 10cm
finished pile thickness:	0.141 inches	3.58 mm
total thickness:	0.294 inches	7.47 mm
average density:	5106 per cu.yd.	10.40 kilotex
pattern repeat:	36"w x 48"l	91.44 cm w x 121.92 cm l

recommended installation method

direct glue

coordinating products

conte', scribe, stylus, fine point tile, lineweight tile, stipple tile

performance + testing

antimicrobial assessment:	passes (AATCC-174) (When installed using Shaw 1036 adhesive)
pill test:	pass
radiant panel:	Unclassified
nbs smoke:	less than 450
electrostatic propensity:	less than 3.5 kv
CRI greenlabel plus:	USA (GLP2271)
ADA compliance:	This product meets the guidelines as set forth in the Americans with Disabilities Act for minimum static coefficient of friction of 0.6 for accessible routes.



attributes + certifications

Cradle to Cradle Certified™	silver level (version 3.1)
Health Product Declaration (HPD):	per msds 1,000 & 10,000 ppm disclosure
Environmental Product Declaration (EPD):	3rd party certified in accordance with ISO14044, ISO14025 & EN15804
nsf 140:	gold
CRI greenlabel plus (GLP):	USA (GLP2271)
ce marking (EN 14041):	3rd party certified
environmental guarantee*:	pickup & delivery available north america
total recycled content:	9% (post industrial 9% post consumer 0%)
product packaging:	100% recyclable
country of origin**:	USA

green leed contribution credit

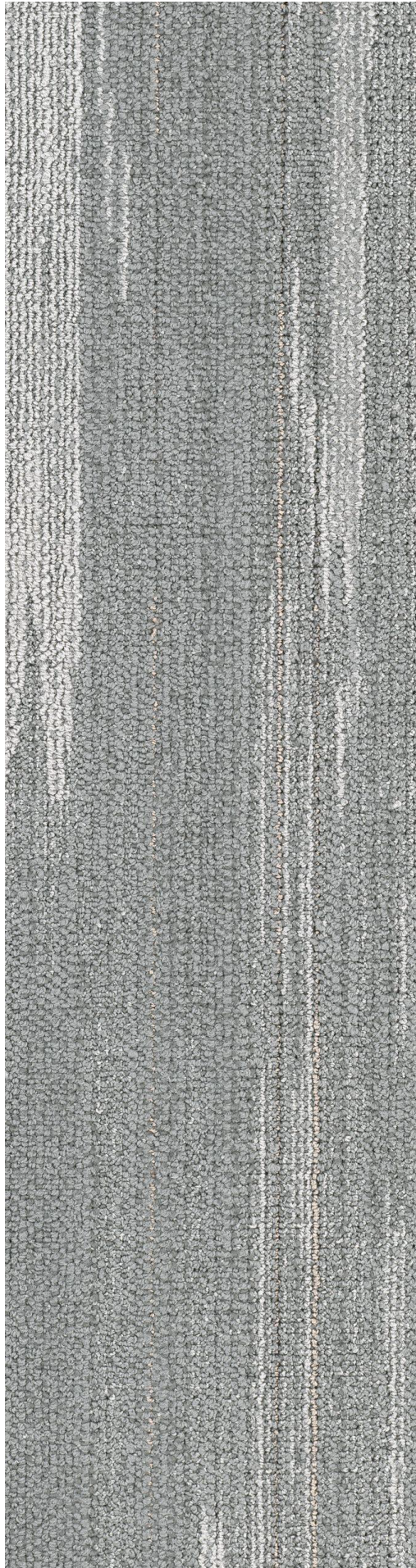
MR Credit: Building Product Disclosure and Optimization Environmental Product Declarations - Option 1. Environmental Product Declaration (EPD)	3rd party certified in accordance with ISO14044, ISO14025 & EN15804
MR Credit: Building Product Disclosure and Optimization Material Ingredients - Option 1: Material Ingredient Reporting	C2C silver level (version 3.1)
MR Credit: Building Product Disclosure and Optimization Material Ingredients - Option 2. Material Ingredient Optimization	C2C silver level (version 3.1)

additional information

* To learn more about the recyclability of our products and our Environmental Guarantee, please visit [shawcontract.com](#).

**Meets or exceeds all local and national regulations in country of manufacture. (Manufactured in an ISO 90001 & ISO 14001 certified facility or equivalent)





expose tile

product type:	carpet tile	
collection name:	vertical layers	
style number:	5T151	
construction:	multi-level pattern cut/loop	
fiber:	eco solution q® nylon	
dye method:	98% solution dyed / 2% yarn dyed	
primary backing:	synthetic	
secondary backing:	ecoworx® tile	
protective treatments:	ssp® shaw soil protection	
warranty:	lifetime commercial limited	
	u.s.	metric
product size:	9.0 x 36.0 inches	22.9 x 91.4 cm
tufted weight:	24 oz/yd2	813.8 gms/sqm
gauge:	1/12 inch	47.2 per 10cm
stitches per inch	9 per inch	35 per 10cm
finished pile thickness:	0.142 inches	3.61 mm
total thickness:	0.248 inches	6.30 mm
average density:	6085 per cu.yd.	11.69 kilotex
pattern repeat:	none	




recommended installation method


brick


monolithic


ashlar


herringbone

coordinating products

uncover tile, relief tile

performance + testing

antimicrobial assessment:	passes (AATCC-174) (When installed using Shaw 5036 adhesive)
pill test:	pass
radiant panel:	class I
nbs smoke:	less than 450
electrostatic propensity:	less than 3.5 kv
CRI greenlabel plus:	USA (GLP9968)
ADA compliance:	This product meets the guidelines as set forth in the Americans with Disabilities Act for minimum static coefficient of friction of 0.6 for accessible routes.

product transparency

Shaw Contract is dedicated to providing clients with a building chemistry that's safe and dependable. Working together, we will help you meet your goals as they pertain to material health. EcoWorx products with Eco Solution Q nylon are Cradle to Cradle Certified (tm) Silver and assessed for impacts on human health and the environment. This product can be recycled. When it's time to replace, we can collect and recycle it through our Environmental Guarantee.*

attributes + certifications

Cradle to Cradle Certified™	silver level (version 3.1)
Health Product Declaration (HPD):	1,000 ppm disclosure
Environmental Product Declaration (EPD):	3rd party certified in accordance with ISO14044, ISO14025 & EN15804
Living Building Challenge Materials Petal:	free of red list chemicals
Declare:	LBC compliant
nsf 140:	gold
CRI greenlabel plus (GLP):	USA (GLP9968)
Building Research Establishment (BRE):	certified
Good Environmental Choice Australia (GECA):	certified
Singapore Green Label:	039-003
ce marking (EN 14041):	3rd party certified
environmental guarantee*:	free pickup & delivery available north america
total recycled content:	43% (post industrial 43% post consumer 0%)
product packaging:	100% recyclable
country of origin**:	USA

green leed contribution credit

MR Credit: Building Product Disclosure and Optimization Environmental Product Declarations - Option 1. Environmental Product Declaration (EPD)	3rd party certified in accordance with ISO14044, ISO14025 & EN15804
MR Credit: Building Product Disclosure and Optimization Material Ingredients - Option 1: Material Ingredient Reporting	C2C silver level (version 3.1)
MR Credit: Building Product Disclosure and Optimization Material Ingredients - Option 2. Material Ingredient Optimization	C2C silver level (version 3.1)
MR Credit: Building Product Disclosure and Optimization Sourcing of Raw Materials - Option 1. Raw Material Source and Extraction Reporting	annual GRI sustainability report
MR Credit: Building Product Disclosure and Optimization Sourcing of Raw Materials - Option 2: Leadership Extraction Practices	environmental guarantee: free pickup & delivery
EQ Credit: Low Emitting Materials Option 1. Product Category Calculations	green label plus certification: GLP9968
MR Credit: Interiors Life-Cycle Impact Reduction Option 3. Design for Flexibility	ecoworx tile w/ lokdots installation system

additional information

* To learn more about the recyclability of our products and our Environmental Guarantee, please visit [shawcontract.com](#).

**Meets or exceeds all local and national regulations in country of manufacture.



Flooring				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
FL-01	Amenity- Fitness Room Rubber Floor	Tarkett Johnsonite 800-661-2162	Triumph Rubber Floor Rainy Day KN1 12"x24"	Install per manufacturers recommendations. Use required adhesives and underpads as recommended for this application.
CONC-01	Flooring @ Postal Room	Valspar 1-800-785-1276	Painted Concrete Garage Floor Coating #Pewter	Install per manufacturers recommendations. Use required adhesives and underpads as recommended for this application.

Triumph™ Multi-Functional & Sports Rubber Tiles

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. Proprietary Product: Triumph Rubber Multi-functional and Sports Floor Tiles designed specifically for weight room, ice rinks, and other high impact applications. Skate-and-spike resistant product.

1.2. Manufacturer:

Johnsonite, Inc.	Phone	(800) 899-8916
16910 Munn Road		(440) 543-8916
Chagrin Falls, Ohio 44023	Tech:	Ext 9297
Web: www.johnsonite.com	Samples:	Ext 9299
Email: info@johnsonite.com	Fax:	(440) 543-8920

1.3. Proprietary Product Description:

1.3.1. Construction: Johnsonite Triumph Rubber Multi-functional and Sports Floor Tiles are manufactured of dual durometer layers composed of 100% synthetic and natural rubber, high quality additives, and colorants to meet the performance requirements of ASTM F-1344, Class 1-A and 1-B Standard Specification for Rubber Floor Tile..

Johnsonite Triumph Rubber Multi-functional and Sports Floor Tiles are available in Speckled Colorways or Solid Colors. Surface textures include Hammered and Weathered (grained) surface options coupled with the product's unique two-ply vulcanized construction, which incorporates a highly-resilient rubber wear layer and an elastic cushioned performance layer. This tough, abrasion and impact resistant composition has excellent slip-resistant, fatigue, and acoustical characteristics.

All Johnsonite Triumph Rubber Multi-functional and Sports Floor Tiles are designed for interior applications only and not recommended for environments where the product will be exposed to animal fats, vegetable oils, or petroleum based materials (e.g.: commercial kitchens).

1.3.2. Physical Characteristics:

Square Tiles (glue down tiles): 24" x 24" (61 cm X 61 cm), .375" (9.5 mm) thickness, wear layer thickness of 0.090" (2.3 mm), 13.3 lbs (6.0 kgs) per tile, 40 lbs (18 kgs) per carton, 3 tiles per carton [12 ft² (1.1 m²)], 4 ft² per tile

Interlocking Tile (Loose lay): 24" x 24" (61 cm X 61 cm) net, .375" (9.5 mm) thickness, wear layer thickness of 0.090" (2.3 mm), 12.6 lbs. (5.7 kg) per tile, 38 lbs (17.2 kgs) per carton, 3 Interlocking tiles per carton [10.5 ft² (.99 m²)], 3.52 ft² per tile

UnderLock™ Tile (Loose lay): 24" x 24" (61 cm X 61 cm) net, .375" (9.5 mm) thickness, wear layer thickness of 0.090" (2.3 mm), 12.8 lbs (5.8 kgs) per tile, 38 lbs (17.2 kgs) per carton, 3 UnderLock tiles per carton [12 ft² (1.1 m²)], 4 ft² per tile

SlideLock™ Tile (studded back): 24" x 24" (61cm x 61cm) net, .375" (9.5 mm) thickness, wear layer thickness of 0.090" (2.3 mm), 12.8 lbs (5.8 kgs) per tile, 38 lbs (17.2 kgs) per carton, 3 SlideLock tiles per carton [12 ft² (1.1 m²)], 4 ft² per tile

1.3.3. Styles:

SMH - Triumph Hammered Surface Rubber Multi-functional and Sports Floor Square Edge Tiles

SMHI - Triumph Hammered Surface Rubber Multi-functional and Sports Floor Interlocking Tiles

SMHSL - Triumph Hammered Surface Rubber Multi-functional and Sports Floor SlideLock Tiles

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

- **Abrasion Resistance:** ASTM D 3389 – less than 1 gram weight loss.
- **Acoustical:** ASTM E 492 (Impact Insulation Class) - 46 IIC.
- **Slip Resistance:** ASTM D 2047 – Meets or Exceeds a static coefficient of friction of 0.8.
- **Basketball Recovery:** DIN 18032 – 99%.
- **Static Load Limit:** ASTM F 970 – Passes at 250 PSI.
- **Fire Resistance:**
 - ASTM E 648/NFPA 253 (Critical Radiant Flux) Class 1
 - ASTM E 662/NFPA 258 (Smoke Density), less than 450
- **Chemical Resistance:** ASTM F 925 – Passes
5% Acetic Acid, 70% Isopropyl Alcohol, 5% Sodium Hydroxide, 5% Hydrochloric Acid, 5% Ammonia, Bleach, 5% Phenol, and Sulfuric Acid.

3. INSTALLATION

Johnsonite flooring and adhesives must be site conditioned at room temperature for 48 hours prior to, during, and after installation. Room temperature must be maintained between 65° and 85°F (18° and 30°C) with HVAC system operating. A minimum temperature of 55°F (13°C) must be maintained afterwards. The ambient relative humidity should be between 40% and 60%.

All concrete subfloors must be tested for moisture and pH (alkalinity). Moisture testing must be conducted in accordance with ASTM F 2170 "Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs using *in situ* Probes" or ASTM F 1869 "Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.

Results must not exceed 80% when testing to ASTM F 2170 or exceed 5 lbs. per 1,000 sq. ft. in 24 hours when testing to ASTM F 1869.

If the tests results exceed the limitations, the installation must not proceed until the problem has been corrected.

A pH test for alkalinity must be conducted. Results should range between 7 and 9. If the test results are not within the acceptable range of 7 to 9, the installation must not proceed until the problem has been corrected.

Triumph™ Multi-Functional & Sports Rubber Tiles

Wood subfloors must have a minimum 18" (47 cm) of cross-ventilated space between the bottom of the joist and ground. Exposed earth crawl spaces should be sealed with a polyethylene moisture barrier.

Subfloors should meet local and national building codes. Trade associations, such as the APA -"The Engineered Wood Association", offer structural guidelines for meeting various code requirements.

Single Wood and Tongue and Groove subfloors should be covered with 1/4" (6.4 mm) or 1/2" (13 mm) APA approved underlayment plywood. Use 1/4" (6.4 mm) thick underlayment panels for boards with a face width of 3" (76 mm) or less. For boards wider than 3" (76 mm) face width use 1/2" (13 mm) underlayment panels.

Countersink nail heads and fill depressions, joints, cracks, gouges, and chipped edges with a good quality Portland cement based patching compound.

Do not install over OSB (Oriented Strand Board), particle board, chipboard, lauan or composite type underlayments.

Terrazzo and Ceramic floor surface must be thoroughly sanded to remove all glaze and waxes. Remove or replace all loose tiles and clean the grout lines. Use a Portland cement based leveling compound to fill all grout lines and other depressions.

Steel floor surface must be mechanically abraded to assist with the adhesive bond. The floor must be cleaned to remove all dirt, rust and other contaminants. When applying adhesive the non-porous installation instructions must be followed.

An adhesive bond test should be performed using the actual flooring materials and adhesive to be installed. The test areas should be a minimum of 36" x 36" and remain in place for at least 72 hours and then evaluated for bond strength to the concrete.

Concrete floors equipped with a radiant heating system: Turn the heat down to 65°F (18°C) for at least 48 hours before installation. Heat may be gradually returned to operating temperature 48 hours after installation. Temperature should not exceed 85°F (30°C).

3.1. Adhesives:

- **Important:** adhesives not recommended for UnderLock or SlideLock tiles.
- **Johnsonite 965 Flooring & Tread Adhesive:**
Porous & Non-porous Substrates: Approximately 75 - 100 sq ft /gal

Important: This adhesive is substrate porosity sensitive. Determine if the substrate is porous or non-porous prior to application of the adhesive and installation of the flooring products and follow the appropriate instructions.

- **Johnsonite 975 Two-Part Urethane Adhesive:**

Approximately 125 - 150 sq. ft/gal

- **Johnsonite SpraySmart 140** – Approximately 100 -125 sq. ft. per 22 oz. can
- **Installation Manual:** Refer to Johnsonite Inertia Rubber Multi-functional and Sports Floor Tiles Installation Instructions for complete installation details.

4. AVAILABILITY AND COST

Available through authorized Johnsonite distributors nationwide.

5. WARRANTY

Limited 5 year wear warranty. For complete details, contact Johnsonite or an authorized Johnsonite distributor.

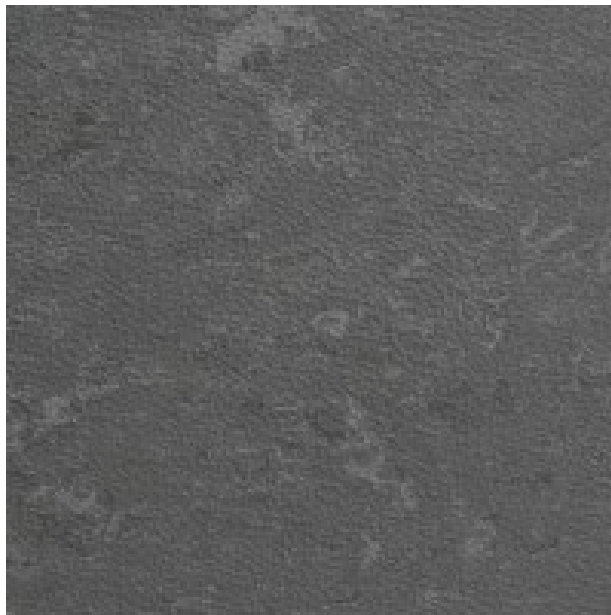
6. MAINTENANCE

- For glue down **Square Tiles**, 72 hours after installation is completed, initial maintenance procedures must be implemented in accordance with manufacturer's requirements. Refer to the Johnsonite Rubber Tile maintenance instructions for complete details.
- **For UnderLock** loose-lay tiles, initial maintenance may be implemented immediately after installation. Refer to the UnderLock maintenance instructions for complete details.
- **For SlideLock** loose-lay tiles, initial maintenance may be implemented immediately after installation. Refer to the SlideLock maintenance instructions for complete details.

7. TECHNICAL SERVICES

Samples: Submittal samples for verification and approval available upon request from Johnsonite. Samples shall be submitted in compliance with the requirements of the Contract Documents. Accepted and approved samples shall constitute the standard materials which represent materials installed on the project.

For current Installation and Maintenance Instructions, Product Specifications, and other technical data visit us on the web at www.johnsonite.com or contact Johnsonite at 1-800-899-8916.



KN-01, Rainy Day

GENERAL DESCRIPTION

Valspar Garage Floor Coating Kit is a water-based two-component epoxy that provides a coating 2X stronger than concrete for the toughest garage floor in one coat. This extreme epoxy formula is fortified with advanced bonding technology to provide superior adhesion and durability. It beautifies and protects with a durable finish that protects against damage from hot tires, gasoline, oil and wear and tear.

PRODUCT FEATURES

- Semi-gloss
- Advanced Bonding Technology
- Anti-peel protection
- No hot-tire pickup

RECOMMENDED USES

- Garage floors
- Interior concrete floors
- Do not use over surfaces treated with water repellent sealers

PACKAGING

Packaging:
Coating Kit

THINNING

Do not thin.

CLEANUP

Clean up with warm, soapy water.

STORAGE AND DISPOSAL

Do not freeze! Keep container closed when not in use. Do not transfer contents to other containers for storage or disposal. In case of spillage, absorb with inert material such as sand or kitty litter. Dispose of contaminated absorbent, container and/or unused contents in accordance with local, state and federal regulations.

COMPOSITION

	Package Fill
Light Gray	3.54 L
Tan	3.54 L
Tint Base	3.31 L

PRODUCT SPECIFICATIONS

Vehicle Type: Epoxy

Recommended Film Thickness:

3.0 mil Wet 1.5 mil Dry

Viscosity: 90-120 KU

Gloss: 35-65 Units @ 60° angle

Flashpoint: 200°F

VOC (g/L): Less than 250 g/L mixed coating

Volume Solids: 53%

Weight Solids: 62%

Weight Per Gallon: 10 lbs. /gal.

Practical Coverage:

Approx. 18.5 m² /3.78 L over smooth concrete surfaces

Dry Time @ 25 °C and 50% Relative Humidity

To The Touch: 8 – 12 hours

Recoat: 24 hours

Full Cure: 72 hours for automobiles

Application Temperature – 10-32 ° C

SURFACE PREPARATION

READ INSTRUCTION SHEET FOR DETAILED SURFACE PREPARATION INSTRUCTIONS

General: All surfaces must be clean, dry and free of all loose, peeling paint or contaminants.

Bare Concrete: Allow 60 days minimum for new concrete to cure before sealing. Clean and etch new or bare concrete with Fast Prep™ Cleaner, Degreaser & Etcher. **Follow all Fast Prep label instructions.**

Previously Painted Concrete: Previously painted concrete may be repainted **ONLY** if the coating has excellent adhesion to the floor. Test adhesion by pressing heavy-duty tape (i.e. duct tape) at various places on the painted surface. Pull the tape quickly from the surface. If the tape removes the previous paint, the paint must be fully removed before using this product. If the previous coating is well bonded, clean the floor with an all-purpose cleaner (TSP or substitute) and dull glossy surfaces by scuff sanding.

MIXING INSTRUCTIONS

READ INSTRUCTION SHEET FOR DETAILED MIXING INSTRUCTIONS

Open both cans of the Epoxy kit and pour Part-B Hardener into Part-A Base. Stir the paint manually for 3 minutes, then cover the paint and let it sit, out of direct sunlight, for the recommended activation time listed on instruction sheet. **Note:** Once you activate the epoxy, you **must** use it within the allotted pot-life (see chart on instruction sheet). After this time, the material **cannot** be used and **must** be discarded. For a **two-car garage**, you will need 2 Epoxy Garage Floor kits. Mix one gallon and wait for the recommended activation time. After you've trimmed the floor, mix the second gallon. Do NOT intermix gallons.

The data on this sheet represents typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. **UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Your only remedy for any defect in this product, is the replacement of the defective product, or a refund of its purchase price, at our option.

APPLICATION

READ INSTRUCTION SHEET FOR DETAILED APPLICATION INSTRUCTIONS

Start with a 60mm – 80mm (2-3") polyester brush, and paint a 60mm (2") strip along the edges. Be sure to paint into joints, corners and any other hard to reach areas. Use a premium-quality, medium nap (10mm) roller for the rest of the garage. Start in the back of the garage and spread the paint uniformly, finishing with long, even strokes. Working in 0.6 m x 1.8 m (2' X 6') sections, apply the epoxy in one direction and then roll it again in a second direction, perpendicular to the first. This ensures a smooth, even finish. After each section is painted, stop and apply the Colour Flakes to wet epoxy, if desired. Hold the flake shaker out in front of you and lightly shake the Colour Flakes onto the wet paint. Repeat application steps over the entire surface.

Clean hands, tools, drips and spills with warm, soapy water.

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PAINT				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
PT-01	Concierge Wall Grilles and Panels	Benjamin Moore Aura	Stone Harbour 2111-50 Pearl	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.
PT-02	Ceiling	Benjamin Moore Aura	Classic Gray OC-23 Flat	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.
PT-03	Fitness Room Wall Grilles and Panels	Benjamin Moore Aura	Nimbus Gray 2131-60 Pearl	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.
PT-04	Fitness Room Walls	Benjamin Moore Aura	Nimbus Gray 2131-60 Eggshell	Refer to Inon Drawings for location and extent.
PT-05	Amenity Wall Grilles and Panels	Benjamin Moore Aura	Lancaster Whitewash HC--174 Pearl	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.
PT-06	Amenity Accent Ceiling	Benjamin Moore Aura	Boothbay Gray HC-165 Flat	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.
PT-07	Lobby Wall Grilles and Panels	Benjamin Moore Aura	Stone Harbour 2111-50 Pearl	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.
PT-08	Public Corridor 1st-7th Level Walls	Benjamin Moore Aura	Silver Half Dollar 2121-40 Eggshell	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.
PT-09	Vestibule Wall Grilles and Panels	Benjamin Moore Aura	Barren Plain 2111-60 Pearl	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.

PT-10	Reception Wall Grilles and Panels	Benjamin Moore Aura	Stone Harbour 2111-50 Pearl	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.
PT-11	Lobby Corridor, 2nd-7th Level Corridors Wall Grilles and Panels	Benjamin Moore Aura	Silver Half Dollar 2121-40 Pearl	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.
PT-12	Suite Entry Door Casing	Benjamin Moore Aura	Gray 2121-10 Eggshell	Refer to Inon Drawings for location and extent.
PT-13	Suite Entry Door	Benjamin Moore Aura	Gray 2121-10 Eggshell	Refer to Inon Drawings for location and extent.
PT-14	Suite Entry Base	Benjamin Moore Aura	Pewter 2121-30 Eggshell	Refer to Inon Drawings for location and extent.
PT-15	all hollow base building Metal Door & frame	Benjamin Moore Aura	Silver Half Dollar 2121-40	Refer to Inon Drawings for location and extent.
PT-16	Property Manager Wall Grilles and Panels	Benjamin Moore Aura	Grant Beige Hc-83 Pearl	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.
PT-17	Property Manager Walls	Benjamin Moore Aura	Grant Beige Hc-83 Eggshell	Refer to Inon Drawings for location and extent.
PT-18	Mail Room Wall Grilles and Panels	Benjamin Moore Aura	Nimbus Gray 2131-50 Pearl	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.

PT-19	Mail Room Walls	Benjamin Moore Aura	Nimbus Gray 2131-50 Eggshell	Refer to Inon Drawings for location and extent.
PT-20	Amenity Washroom Wall Grilles and Panels	Benjamin Moore Aura	Revere Pewter HC-172 Pearl	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.
PT-21	Amenity Kitchen Walls	Benjamin Moore Aura	Stone Harbour 2111-50 Eggshell	Refer to Inon Drawings for location and extent.
PT-22	Crown Moulding	Benjamin Moore Aura	Balboa Mist OC-27 Pearl	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.
PT-23	P1 Level Walls	Benjamin Moore Aura	Barren Plain 2111-60 Eggshell	Refer to Inon Drawings for location and extent.
PT-24	P1 Level Wall Grilles and Panels	Benjamin Moore Aura	Barren Plain 2111-60 Pearl	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.
PT-25	Dog Wash Walls	Benjamin Moore Aura	Barren Plain 2111-60 Eggshell	Refer to Inon Drawings for location and extent.
PT-26	Dog Wash Wall Grilles and Panels	Benjamin Moore Aura	Barren Plain 2111-60 Pearl	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.
PT-27	Amenity Closet Doors	Benjamin Moore Aura	Lancaster White Wash 174 Eggshell	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.
PT-28	Block Walls	Benjamin Moore Aura	Stone Harbour 2111-50	Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish.

MTL-05

Railings/ all exposed metal

Benjamin Moore
Aura

River Gorge Gray

1534

Refer to Inon Drawings for location and extent. For all ceiling grilles and panels, use same colour in semi-gloss finish. Insure surface has anti-slip properties.



Benjamin Moore®

Benjamin Moore® Commercial Master Specification

Download a Microsoft Word version here:

www.arcad.com/sd/clients/benjamin.html

1.1 INTERIOR PAINT SYSTEMS (LEED-09 NC/CI/CS COMPLIANT)

- A. CONCRETE - (Walls and Ceilings, Poured Concrete, Precast Concrete, Unglazed Brick, Cement Board, Tilt-Up, Cast-In-Place) including PLASTER - (Walls, Ceilings).
1. Latex Systems:
 - a. Gloss Finish High Performance:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec D.T.M. Acrylic Gloss Enamel KP28 (45 g/L), MPI # 114, X-Green 114, 154, X-Green 154, 164, LEED 2009, LEED V4.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec D.T.M. Acrylic Gloss Enamel KP28 (45 g/L), MPI # 114, X-Green 114, 154, X-Green 154, 164, LEED 2009, LEED V4.
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified.
 - c. Semi-Gloss Finish High Performance
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified.
 - d. Eggshell/ Satin Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Latex Eggshell K538 (0 g/L), MPI # 52, X-Green 52, 145, X-Green 145, 139, X-Green 139, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Latex Eggshell K538 (0 g/L), MPI # 52, X-Green 52, 145, X-Green 145, 139, X-Green 139, LEED 2009, LEED V4, CHPS Certified.
 - e. Low Sheen Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Low Sheen K537 (0 g/L), MPI # 44, X-Green 44, 144, X-Green 144, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Low Sheen K537 (0 g/L), MPI # 44, X-Green 44, 144, X-Green 144, LEED 2009, LEED V4, CHPS Certified.
 - f. Flat Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Flat K536 (0

- g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.
- 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Flat K536 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.
2. Waterborne Alkyd System:
 - a. Gloss Finish (Water Base)
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Advance Waterborne Interior Alkyd High Gloss F794 (48 g/L), MPI # 157, X-Green 157, LEED 2009, LEED V4.
 - 3) 3rd Coat: Benjamin Moore Advance Waterborne Interior Alkyd High Gloss F794 (48 g/L), MPI # 157, X-Green 157, LEED 2009, LEED V4.
 - b. Semi-Gloss Finish (Water Base):
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Semi-Gloss K793 (48 g/L), LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Semi-Gloss K793 (48 g/L), LEED 2009, LEED V4, CHPS Certified.
 - c. Eggshell Finish (Water Base):
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Satin K792 (48 g/L), LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Satin K792 (48 g/L), LEED 2009, LEED V4, CHPS Certified.
 3. Epoxy Systems (Water Base):
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech 100% Solid Epoxy Pre-Primer V155 (6 g/L), LEED 2009.
 - 2) 2nd Coat Epoxy V440 (K206 g/L).
 - b. Gloss Finish
 - 1) 1st Coat: Corotech 100% Solid Epoxy Pre-Primer V155 (6 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 4. Pre Catalyzed Waterborne Epoxy
 - a. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - b. Eggshell Finish
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.

B. CONCRETE: Ceilings.

1. Dryfall Waterborne Systems:
 - a. Semi-Gloss Finish:

- 1) 1st Coat: Coronado Super Kote 5000 Dry Fall Latex Semi-Gloss 112 (67 g/L), MPI # 226.
 - 2) 2nd Coat: Coronado Super Kote 5000 Dry Fall Latex Semi-Gloss 112 (67 g/L), MPI # 226.
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Dry Fall Latex Semi-Gloss 397 (43 g/L), MPI # 226.
 - 2) 2nd Coat: Benjamin Moore Dry Fall Latex Semi-Gloss 397 (43 g/L), MPI # 226.
 - c. Flat Finish:
 - 1) 1st Coat: Coronado Super Kote 5000 Dry Fall Latex Flat N110 (46 g/L), MPI # 118.
 - 2) 2nd Coat: Coronado Super Kote 5000 Dry Fall Latex Flat N110 (46 g/L), MPI # 118.
 - d. Flat Finish:
 - 1) 1st Coat: Benjamin Moore Dryfall Latex Flat K395 (46 g/L), MPI # 118.
 - 2) 2nd Coat: Benjamin Moore Dryfall Latex Flat K395 (46 g/L), MPI # 118.
- C. MASONRY: CMU - Concrete, Split Face, Scored, Smooth, High Density, Low Density, Fluted.
1. Latex Systems:
 - a. Gloss Finish High Performance:
 - 1) 1st Coat: Benjamin Moore Super Spec Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Acrylic Gloss K540 (0 g/L), MPI # 54, X-Green 54, 147, X-Green 147, 141, 141 X-Green, LEED, LEED V4, CHPS.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Acrylic Gloss K540 (0 g/L), MPI # 54, X-Green 54, 147, X-Green 147, 141, 141 X-Green, LEED, LEED V4, CHPS.
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified.
 - c. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Natura Waterborne Interior Semi-Gloss K514 (0 g/L), MPI # 54, X-Green 54, 141, X-Green 141, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Natura Waterborne Interior Semi-Gloss K514 (0 g/L), MPI # 54, X-Green 54, 141, X-Green 141, LEED 2009, LEED V4, CHPS Certified.
 - d. Semi-Gloss Finish High Performance:
 - 1) 1st Coat: Benjamin Moore Super Spec Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4, CHPS Certified.

- 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Acrylic Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, 140 X-Green, LEED, LEED V4, CHPS.
- 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Acrylic Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, 140 X-Green, LEED, LEED V4, CHPS.
- e. Eggshell / Satin Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Latex Eggshell K538 (0 g/L), MPI # 52, X-Green 52, 145, X-Green 145, 139, X-Green 139, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Latex Eggshell K538 (0 g/L), MPI # 52, X-Green 52, 145, X-Green 145, 139, X-Green 139, LEED 2009, LEED V4, CHPS Certified.
- f. Eggshell / Satin Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Natura Waterborne Interior Eggshell K513 (0 g/L), MPI # 144, X-Green 144, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Natura Waterborne Interior Eggshell K513 (0 g/L), MPI # 144, X-Green 144, LEED 2009, LEED V4, CHPS Certified.
- g. Low Sheen Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Low Sheen K537 (0 g/L), MPI # 44, X-Green 44, 144, X-Green 144, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Low Sheen K537 (0 g/L), MPI # 44, X-Green 44, 144, X-Green 144, LEED 2009, LEED V4, CHPS Certified.
- h. Flat Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Flat K536 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Flat K536 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.
- i. Flat Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec Masonry Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4.
 - 2) 2nd Coat: Benjamin Moore Natura Waterborne Interior Flat Finish K512 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Natura Waterborne Interior Flat Finish K512 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.
2. Acrylic System:
 - a. Gloss Finish High Performance:

- 1) 1st Coat: Benjamin Moore Super Spec Masonry Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec D.T.M. Acrylic Gloss Enamel KP28 (45 g/L), MPI # 114, X-Green 114, 154, X-Green 154, 164, LEED 2009, LEED V4.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec D.T.M. Acrylic Gloss Enamel KP28 (45 g/L), MPI # 114, X-Green 114, 154, X-Green 154, 164, LEED 2009, LEED V4.
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Semi-Gloss K793 (48 g/L), LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Semi-Gloss K793 (48 g/L), LEED 2009, LEED V4, CHPS Certified.
 - c. Eggshell/Satin Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Satin K792 (48 g/L), LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Satin K792 (48 g/L), LEED 2009, LEED V4, CHPS Certified.
3. Epoxy System (Water Base):
- a. Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Waterborne Amine Epoxy V440 (206 g/L).
 - 3) 3rd Coat: Corotech Waterborne Amine Epoxy V440 (206 g/L).
 - b. Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - c. Semi-Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
4. Pre-Catalyzed Epoxy (Waterborne):
- a. Semi-Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - b. Eggshell/Low Luster Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.

D. METAL: Aluminum, Galvanized.

1. Latex Systems:
 - a. Semi-Gloss Finish High Performance:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.

- 2) 2nd Coat: Benjamin Moore Ultra Spec HP D.T.M. FP29 Acrylic Semi-Gloss Enamel (45 g/L), MPI # 141, X-Green 141, 153, 153 X-Green, LEED.
- 3) 3rd Coat: Ultra Spec HP D.T.M. FP29 Acrylic Semi-Gloss Enamel (45 g/L), MPI # 141, X-Green 141, 153, 153 X-Green, LEED.
- b. Gloss Finish High Performance:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec D.T.M. Acrylic Gloss Enamel KP28 (45 g/L), MPI # 114, X-Green 114, 154, X-Green 154, 164, LEED 2009, LEED V4.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec D.T.M. Acrylic Gloss Enamel KP28 (45 g/L), MPI # 114, X-Green 114, 154, X-Green 154, 164, LEED 2009, LEED V4.
- c. Semi-Gloss High Performance:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Semi-Gloss Enamel, KP29 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009, LEED V4.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Semi-Gloss Enamel KP29 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009, LEED V4.
- d. Eggshell Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Latex Eggshell K538 (0 g/L), MPI # 52, X-Green 52, 145, X-Green 145, 139, X-Green 139, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Latex Eggshell K538 (0 g/L), MPI # 52, X-Green 52, 145, X-Green 145, 139, X-Green 139, LEED 2009, LEED V4, CHPS Certified.
- e. Low Sheen Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Low Sheen K537 (0 g/L), MPI # 44, X-Green 44, 144, X-Green 144, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Low Sheen K537 (0 g/L), MPI # 44, X-Green 44, 144, X-Green 144, LEED 2009, LEED V4, CHPS Certified.
- f. Flat Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Flat K536 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Flat K536 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.
- g. Flat Finish
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Natura Waterborne Interior Flat Finish K512 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.

- 3) 3rd Coat: Benjamin Moore Natura Waterborne Interior Flat Finish K512 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.
 2. Alkyd System (Waterborne):
 - a. Gloss Finish Waterborne Alkyd:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Advance Waterborne Interior Alkyd High Gloss F794 (48 g/L), MPI # 157, X-Green 157, LEED 2009, LEED V4.
 - 3) 3rd Coat: Benjamin Moore Advance Waterborne Interior Alkyd High Gloss F794 (48 g/L), MPI # 157, X-Green 157, LEED 2009, LEED V4.
 - b. Semi-Gloss Finish Waterborne Alkyd:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Semi-Gloss K793 (48 g/L), LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Semi-Gloss K793 (48 g/L), LEED 2009, LEED V4, CHPS Certified.
 3. Epoxy System (Water Base):
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 4. Pre-Catalyzed Epoxy (Waterborne):
 - a. Eggshell/Low Luster Finish:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
- E. METAL: Galvanized; Ceilings, Duct work.
1. Multi-Surface Acrylic Coating System:
 - a. Gloss Finish High Performance:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Acrylic DTM Enamel Gloss V330 (199 g/L), MPI # 154, 164, LEED 2009, LEED V4.
 2. Dryfall Waterborne Topcoats:
 - a. Semi-Gloss Finish:
 - 1) 1st Coat: Coronado Super Kote 5000 Dry Fall Latex Semi-Gloss 112 (67 g/L), MPI # 226.
 - 2) 2nd Coat: Coronado Super Kote 5000 Dry Fall Latex Semi-Gloss 112 (67 g/L), MPI # 226.
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Dry Fall Latex Semi-Gloss 397 (43 g/L), MPI # 226.
 - 2) 2nd Coat: Benjamin Moore Dry Fall Latex Semi-Gloss 397 (43 g/L), MPI # 226.
 - c. Flat Finish:
 - 1) 1st Coat: Coronado Super Kote 5000 Dry Fall Latex Flat N110 (46 g/L), MPI # 118.
 - 2) 2nd Coat: Coronado Super Kote 5000 Dry Fall Latex Flat N110 (46 g/L),

MPI # 118.

F. METAL - (Structural Steel Columns, Joists, Trusses, Beams, Miscellaneous and Ornamental Iron, Structural Iron, Ferrous Metal)

1. Latex Systems:

a. Gloss Finish High Performance:

- 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
- 2) 2nd Coat: Corotech Acrylic DTM Enamel Gloss V330 (199 g/L), MPI # 154, 164, LEED 2009, LEED V4.
- 3) 3rd Coat: Corotech Acrylic DTM Enamel Gloss V330 (199 g/L), MPI # 154, 164, LEED 2009, LEED V4.

b. Semi-Gloss Finish:

- 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
- 2) 2nd Coat: Corotech Acrylic DTM Enamel Semi-Gloss V331 (204 g/L), MPI # 153.
- 3) 3rd Coat: Corotech Acrylic DTM Enamel Semi-Gloss V331 (204 g/L), MPI # 153.

c. Semi-Gloss Finish High Performance:

- 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
- 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
- 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.

d. Eggshell Finish High Performance:

- 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
- 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
- 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.

e. Low Sheen Finish:

- 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
- 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Low Sheen K537 (0g/L), MPI # 44, X-Green 44, 144, X-Green 144, LEED 2009, LEED V4, CHPS Certified.
- 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Low Sheen K537 (0g/L), MPI # 44, X-Green 44, 144, X-Green 144, LEED 2009, LEED V4, CHPS Certified.

f. Flat Finish:

- 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
- 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Flat K536 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.
- 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Flat K536 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.

2. Alkyd System (Waterborne):

a. Gloss Finish Waterborne Alkyd:

- 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
- 2) 2nd Coat: Benjamin Moore Advance Waterborne Interior Alkyd High Gloss F794 (48 g/L), MPI # 157, X-Green 157, LEED 2009, LEED V4.
- 3) 3rd Coat: Benjamin Moore Advance Waterborne Interior Alkyd High Gloss F794 (48 g/L), MPI # 157, X-Green 157, LEED 2009, LEED V4.

b. Semi-Gloss Finish Waterborne Alkyd:

- 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Semi-Gloss K793 (48 g/L), LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Semi-Gloss K793 (48 g/L), LEED 2009, LEED V4, CHPS Certified.
3. Epoxy System (Water Base):
- a. Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - c. Eggshell Finish:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
4. Urethane System (Water Base):
- a. Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Waterborne Urethane Gloss V540 (10 g/L), LEED Credit.
 - 3) 3rd Coat: Corotech Waterborne Urethane Gloss V540 (10 g/L), LEED Credit.
5. Dryfall Waterborne Topcoats:
- a. Semi-Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Coronado Super Kote 5000 Dry Fall Latex Semi-Gloss 112 (67 g/L), MPI # 226.
 - 3) 3rd Coat: Coronado Super Kote 5000 Dry Fall Latex Semi-Gloss 112 (67 g/L), MPI # 226.
 - b. Flat Finish:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Coronado Super Kote 5000 Dry Fall Latex Flat N110 (46 g/L), MPI # 118.
 - 3) 3rd Coat: Coronado Super Kote 5000 Dry Fall Latex Flat N110 (46 g/L), MPI # 118.
- G. WOOD - (Walls, Ceilings, Doors, Trim):
1. Latex Systems:
 - a. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Coronado Rust Scat Waterborne Acrylic Gloss 80 (224 g/L), MPI # 114, 154, LEED Credit.
 - 3) 3rd Coat: Coronado Rust Scat Waterborne Acrylic Gloss 80 (224 g/L), MPI # 114, 154, LEED Credit.
 - b. Semi - Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.

- 2) 2nd Coat: Coronado Rust Scat Waterborne Acrylic Semi-Gloss 90 (134 g/L), MPI # 153, LEED Credit.
- 3) 3rd Coat: Coronado Rust Scat Waterborne Acrylic Semi-Gloss 90 (134 g/L), MPI # 153, LEED Credit.
- c. Flat Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Flat K536 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Flat K536 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.
2. Alkyd System (Waterborne):
 - a. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Advance Waterborne Interior Alkyd High Gloss F794 (48 g/L), MPI # 157, X-Green 157, LEED 2009, LEED V4.
 - 3) 3rd Coat: Benjamin Moore Advance Waterborne Interior Alkyd High Gloss F794 (48 g/L), MPI # 157, X-Green 157, LEED 2009, LEED V4.
 - b. Semi-Gloss Finish (Water Base):
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Semi-Gloss K793 (48g/L), LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Semi-Gloss K793 (48g/L), LEED 2009, LEED V4, CHPS Certified.
 - c. Eggshell Finish (Water Base):
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Satin K792 (48 g/L), LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Advance Waterborne Interior Alkyd Satin K792 (48 g/L), LEED 2009, LEED V4, CHPS Certified.
3. Stain and Varnish System:
 - a. Gloss Finish:
 - 1) 1st Coat: Lenmar Waterborne Interior Wiping Stain 1WB.1300 (240 g/L), MPI # 186 LEED Credit.
 - 2) 2nd Coat: Lenmar Waterborne Aqua-Plastic Urethane Gloss 1WB.1400 (322 g/L), MPI # 121, 130.
 - 3) 3rd Coat: Lenmar Waterborne Aqua-Plastic Urethane Gloss 1WB.1400 (322 g/L), MPI # 121, 130.
 - b. Satin Finish:
 - 1) 1st Coat: Lenmar Waterborne Interior Wiping Stain 1WB.1300 (240 g/L), MPI # 186 LEED Credit.
 - 2) 2nd Coat: Lenmar Waterborne Aqua-Plastic Urethane Satin, 1WB.1427 (335 g/L), MPI # 121, 128.
 - 3) 3rd Coat: Lenmar Waterborne Aqua-Plastic Urethane Satin, 1WB.1427 (335 g/L), MPI # 121, 128.

H. DRYWALL - (Walls, Ceilings, Gypsum Board and similar items)

1. Latex Systems:
 - a. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Ultra Spec 500 Interior Latex Primer K534 (0 g/L), MPI # 50, X-Green 50, 149, X-Green 149, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified
 - b. Semi-Gloss System:
 - 1) 1st Coat: Benjamin Moore Eco Spec WB Primer F372 (0 g/L) MPI # 50, X-Green 50, 149, X-Green 149, LEED V4 CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Eco Spec WB Semi-Gloss F376 (0 g/L) MPI # 54, X-Green 54, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Eco Spec WB Semi-Gloss F376 (0 g/L) MPI # 54, X-Green 54, LEED V4, CHPS Certified.
 - c. Eggshell / Satin System:
 - 1) 1st Coat: Benjamin Moore Ultra Spec 500 Interior Latex Primer K534 (0 g/L), MPI # 50, X-Green 50, 149, X-Green 149, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Latex Eggshell K538 (0 g/L), MPI # 52, X-Green 52, 145, X-Green 145, 139, X-Green 139, LEED 2009 LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Latex Eggshell K538 (0 g/L), MPI # 52, X-Green 52, 145, X-Green 145, 139, X-Green 139, LEED 2009, LEED V4, CHPS Certified.
 - d. Eggshell / Satin System:
 - 1) 1st Coat: Benjamin Moore Eco Spec WB Primer F372 (0 g/L) MPI # 50, X-Green 50, 149, X-Green 149, LEED V4 CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Eco Spec WB Eggshell F374 (0 g/L), MPI # 52, X-Green 52, 139, X-Green 139, X- Green 145, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Eco Spec WB Eggshell NF374 (0 g/L), MPI # 52, X-Green 52, 139, X-Green 139, X-Green 145, LEED V4, CHPS Certified.
 - e. Low Sheen System:
 - 1) 1st Coat: Benjamin Moore Ultra Spec 500 Interior Latex Primer K534 (0 g/L), MPI # 50, X-Green 50, 149, X-Green 149, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Low Sheen K537 (0 g/L), MPI # 44, X-Green 44, 144, X-Green 144, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Low Sheen K537 (0 g/L), MPI # 44, X-Green 44, 144, X-Green 144, LEED 2009, LEED V4, CHPS Certified.
 - f. Flat System
 - 1) 1st Coat: Benjamin Moore Ultra Spec 500 Interior Latex Primer K534 (0 g/L), MPI # 50, X-Green 50, 149, X-Green 149, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Flat K536 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Flat K536 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS

Certified.

- g. Flat System:
 - 1) 1st Coat: Benjamin Moore Eco Spec WB Primer F372 (0 g/L) MPI # 50, X-Green 50, 149, X-Green 149, LEED V4 CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Eco Spec WB Flat F373 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED V4.
 - 3) 3rd Coat: Benjamin Moore Eco Spec WB Flat F373 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED V4.
- 2. Epoxy System (Water Base):
 - a. Gloss System:
 - 1) 1st Coat: Benjamin Moore Ultra Spec 500 Interior Latex Primer K534 (0 g/L), MPI # 50, X-Green 50, 149, X-Green 149, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - b. Semi-Gloss System:
 - 1) 1st Coat: Benjamin Moore Ultra Spec 500 Interior Latex Primer K534 (0 g/L), MPI # 50, X-Green 50, 149, X-Green 149, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
- 3. Pre-Catalyzed Epoxy (Waterborne):
 - a. Semi-Gloss System:
 - 1) 1st Coat: Benjamin Moore Ultra Spec 500 Interior Latex Primer K534 (0 g/L), MPI # 50, X-Green 50, 149, X-Green 149, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - b. Eggshell/Low Luster System:
 - 1) 1st Coat: Benjamin Moore Ultra Spec 500 Interior Latex Primer K534 (0 g/L), MPI # 50, X-Green 50, 149, X-Green 149, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.

1.2 HIGH PERFORMANCE INTERIOR PAINT SYSTEMS

- A. CONCRETE - Smooth (Walls and Ceilings, Poured Concrete, Precast Concrete, Unglazed Brick, Cement Board, Tilt-Up, Cast-In-Place).
 - 1. Latex Systems:
 - a. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Gloss K540 (0 g/L), MPI # 54, X-Green 54, 147, 147 X-Green, 141, X-Green 141, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Gloss K540 (0 g/L), MPI # 54, X-Green 54, 147, 147 X-Green, 141, X-Green 141, LEED 2009, LEED V4, CHPS Certified.
 - b. Semi-Gloss Finish High Performance:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss

- 2539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified.
 - c. Eggshell/Low Sheen:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS. 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
- 2. Alkyd System (Waterborne):
 - a. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Advance Waterborne Interior Alkyd High Gloss F794 (48 g/L), MPI # 157, X-Green 157, LEED 2009, LEED V4.
 - 3) 3rd Coat: Benjamin Moore Advance Waterborne Interior Alkyd High Gloss F794 (48 g/L), MPI # 157, X-Green 157, LEED 2009, LEED V4.
- 3. Epoxy Systems (Water Base):
 - a. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - b. Semi-Gloss/High Luster Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
- 4. Pre-Catalyzed Epoxy (Waterborne):
 - a. Eggshell/Low Luster Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
- 5. Epoxy Systems (Solvent Base):
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech Waterborne Bonding Primer V175, LEED Credit.
 - 2) 2nd Coat: Corotech Polyamide Epoxy V400 (341 g/L), MPI # 82, 98, 108, 177.
 - 3) 3rd Coat: Corotech Polyamide Epoxy V400 (341 g/L), MPI # 82, 98, 108, 177.
- 6. Urethane System (Water Base):
 - a. Gloss Finish Single Component:
 - 1) 1st Coat: Corotech Waterborne Bonding Primer V175 (85 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Waterborne Urethane Gloss V540 (Two Component Product) (10 g/L), LEED Credit.

- 3) 3rd Coat: Corotech Waterborne Urethane Gloss V540 (Two Component Product) (10 g/L), LEED Credit.
- B. CONCRETE - (Ceilings).
1. MultiSurface Acrylic Coating:
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech Quick Dry Acrylic Spray DTM Gloss V300 (87 g/L), MPI # 114, LEED Credit.
 - 2) 2nd Coat: Corotech Quick Dry Acrylic Spray DTM Gloss V300 (87 g/L), MPI # 114, LEED Credit.
 2. Dryfall Waterborne Systems:
 - a. Semi-Gloss Finish:
 - 1) 1st Coat: Coronado Super Kote 5000 Dry Fall Latex Semi-Gloss 112 (67g/L), MPI # 226.
 - 2) 2nd Coat: Coronado Super Kote 5000 Dry Fall Latex Semi-Gloss 112 (67g/L), MPI # 226.
 - b. Flat Finish:
 - 1) 1st Coat: Coronado Super Kote 5000 Dry Fall Latex Flat N110 (46 g/L), MPI # 118.
 - 2) 2nd Coat: Coronado Super Kote 5000 Dry Fall Latex Flat N110 (46 g/L), MPI # 118.
 3. Dryfall Alkyd Topcoats:
 - a. Flat Finish:
 - 1) 1st Coat: Coronado Super Kote 5000 Dry Fall Alkyd Flat 105 (346 g/L), MPI # 55.
 - 2) 2nd Coat: Coronado Super Kote 5000 Dry Fall Alkyd Flat 105 (346 g/L), MPI # 55.
- C. MASONRY - (CMU - Concrete, Split Face, Scored, Smooth, High Density, Low Density, Fluted, Stucco).
1. Latex Systems:
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Gloss K540 (0 g/L), MPI # 54, X-Green 54, 147, 147 X-Green, 141, X-Green 141, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Gloss K540 (0 g/L), MPI # 54, X-Green 54, 147, 147 X-Green, 141, X-Green 141, LEED 2009, LEED V4, CHPS Certified.
 - b. Semi-Gloss Finish:
 - 1) 1st Coat Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: : Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: : Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified.
 - c. Flat Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 3) 3rd Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 2. Alkyd System (Solvent Base Finish):
 - a. Alkyd Urethane Modified:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Alkyd Urethane Gloss V200 (336 g/L), MPI # 9, 27, 48.

- 3) 3rd Coat: Corotech Alkyd Urethane Gloss V200 (336 g/L), MPI # 9, 27, 48.
3. Epoxy System (Water Base):
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - b. Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Waterborne Amine Epoxy V440 (K206 g/L).
 - 3) 3rd Coat: Corotech Waterborne Amine Epoxy V440 (K206 g/L).
 - c. Semi-Gloss/High Luster Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Waterborne Amine Epoxy V440 (K206 g/L).
 - 3) 3rd Coat: Corotech Waterborne Amine Epoxy V440 (K206 g/L).
4. Pre-Catalyzed Epoxy (Waterborne):
 - a. Semi-Gloss/High Luster Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - b. Eggshell/Low Luster Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
5. Epoxy Systems (Solvent Base Finish):
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Polyamide Epoxy V400 (341 g/L), MPI # 82, 98, 108, 177.
 - 3) 3rd Coat: Corotech Polyamide Epoxy V400 (341 g/L), MPI # 82, 98, 108, 177.
6. Urethane Systems (Water Base).
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Waterborne Urethane Gloss V540 (10 g/L), LEED Credit.
 - 3) 3rd Coat: Corotech Waterborne Urethane Gloss V540 (10 g/L), LEED Credit.
7. Urethane Systems (Solvent Base Finish):
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Aliphatic Acrylic Urethane Gloss V500 (229 g/L), MPI # 72, 78, 83, 105.
 - 3) 3rd Coat: Corotech Aliphatic Acrylic Urethane Gloss V500 (229 g/L), MPI # 72, 78, 83, 105.
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Block Filler V114 (43 g/L), LEED 2009.
 - 2) 2nd Coat: Corotech Aliphatic Acrylic Urethane Semi-Gloss DFT (305 g/L), MPI # 83, 174.
 - 3) 3rd Coat: Corotech Aliphatic Acrylic Urethane Semi-Gloss DFT (305 g/L), MPI # 83, 174.

D. Non-Ferrous- (Galvanized and Aluminum):

1. Latex Systems:

a. Gloss Finish:

- 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
- 2) 2nd Coat: Benjamin Moore Ultra Spec D.T.M. Acrylic Gloss Enamel KP28 (45 g/L), MPI # 114, X-Green 114, 154, X-Green 154, 164, LEED 2009, LEED V4.
- 3) 3rd Coat: Benjamin Moore Ultra Spec D.T.M. Acrylic Gloss Enamel KP28 (45 g/L), MPI # 114, X-Green 114, 154, X-Green 154, 164, LEED 2009, LEED V4.

b. Semi-Gloss Finish:

- 1) 1st Coat: Benjamin Moore Ultra Spec D.T.M. Acrylic Gloss Enamel KP28 (45 g/L), MPI # 114, X-Green 114, 154, X-Green 154, 164, LEED 2009, LEED V4.
- 2) 2nd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Semi-Gloss Enamel, KP29 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009, LEED V4.
- 3) 3rd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Semi-Gloss Enamel, KP29 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009, LEED V4.

c. Semi-Gloss Finish:

- 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
- 2) 2nd Coat: Corotech Acrylic DTM Enamel Semi-Gloss V331 (204 g/L), MPI # 153.
- 3) 3rd Coat: Corotech Acrylic DTM Enamel Semi-Gloss V331 (204 g/L), MPI # 153.

d. Low Sheen:

- 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
- 2) 2nd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Low Lustre Enamel HP25 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009.
- 3) 3rd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Low Lustre Enamel HP25 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009.

e. Flat Finish:

- 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
- 2) 2nd Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.

2. Acrylic System:

a. Gloss Finish:

- 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
- 2) 2nd Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
- 3) 3rd Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.

3. Urethane System (Solvent Base Finish):

a. Gloss Finish Urethane Modified:

- 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
- 2) 2nd Coat: Benjamin Moore Super Spec HP Urethane Alkyd Gloss Enamel P22 (394 g/L), MPI # 9, 48.
- 3) 3rd Coat: Benjamin Moore Super Spec HP Urethane Alkyd Gloss Enamel P22 (394 g/L), MPI # 9, 48.

4. Epoxy Systems (Water Base):

a. Gloss Finish:

- 1) 1st Coat: Corotech Waterborne Amine Epoxy V440 (K206 g/L).

- 2) 2nd Coat: Corotech Waterborne Amine Epoxy V440 (K206 g/L).
- b. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
5. Pre-Catalyzed Epoxy (Waterborne):
 - a. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - b. Eggshell Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
 - c. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
6. Urethane Systems (Water Base):
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech Waterborne Bonding Primer V175, LEED Credit.
 - 2) 2nd Coat: Corotech Waterborne Urethane Gloss V540 (10 g/L), LEED Credit.
 - 3) 3rd Coat: Corotech Waterborne Urethane Gloss V540 (10 g/L), LEED Credit.
7. Urethane Systems (Solvent Base):
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech Waterborne Bonding Primer V175, LEED Credit.
 - 2) 2nd Coat: Corotech Aliphatic Acrylic Urethane Gloss V500 (229 g/L), MPI # 72, 78, 83, 105.
 - 3) 3rd Coat: Corotech Aliphatic Acrylic Urethane Gloss V500 (229 g/L), MPI # 72, 78, 83, 105.
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Corotech Waterborne Bonding Primer V175, LEED Credit.
 - 2) 2nd Coat: Corotech Aliphatic Acrylic Urethane Semi-Gloss V510 (305 g/L), MPI # 83, 174.
 - 3) 3rd Coat: Corotech Aliphatic Acrylic Urethane Semi-Gloss V510 (305 g/L) MPI # 83, 174.
8. Multi-Surface Acrylic Coating:
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech Quick Dry Acrylic Spray DTM Gloss V300 (87 g/L), MPI # 114, LEED Credit, SSPC Paint Spec. 24.
 - 2) 2nd Coat: Corotech Quick Dry Acrylic Spray DTM Gloss V300 (87 g/L), MPI # 114, LEED Credit, SSPC Paint Spec. 24.
9. Dryfall Waterborne Systems:
 - a. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Dry Fall Latex Semi-Gloss 397 (43 g/L), MPI # 226.

- 2) 2nd Coat: Benjamin Moore Dry Fall Latex Semi-Gloss 397 (43 g/L), MPI # 226.
 - b. Flat Finish:
 - 1) 1st Coat: Benjamin Moore Dryfall Latex Flat K395 (46 g/L), MPI # 118.
 - 2) 2nd Coat: Benjamin Moore Dryfall Latex Flat K395 (46 g/L), MPI # 118.
10. Dryfall Alkyd Topcoats:
- a. Flat Finish:
 - 1) 1st Coat: Corotech Waterborne Bonding Primer V175, LEED Credit.
 - 2) 2nd Coat: Coronado Super Kote 5000 Dry Fall Alkyd Flat 105 (346 g/L), MPI # 55.
- E. METAL - (Structural Steel Columns, Joists, Trusses, Beams, Miscellaneous and Ornamental Iron, Structural Iron, Ferrous Metal).
1. Latex Systems:
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Acrylic DTM Enamel Gloss V330 (199 g/L), MPI # 154, 164, LEED 2009, LEED V4.
 - 3) 3rd Coat: Corotech Acrylic DTM Enamel Gloss V330 (199 g/L), MPI # 154, 164, LEED 2009, LEED V4.
 - b. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec D.T.M. Acrylic Gloss Enamel KP28 (45 g/L), MPI # 114, X-Green 114, 154, X-Green 154, 164, LEED 2009, LEED V4.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec D.T.M. Acrylic Gloss Enamel KP28 (45 g/L), MPI # 114, X-Green 114, 154, X-Green 154, 164, LEED 2009, LEED V4.
 - c. Semi-Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Acrylic DTM Enamel Semi-Gloss V331 (204 g/L), MPI # 153.
 - 3) 3rd Coat: Corotech Acrylic DTM Enamel Semi-Gloss V331 (204 g/L), MPI # 153.
 - d. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Semi-Gloss Enamel, KP29 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009, LEED V4.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Semi-Gloss Enamel, KP29 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009, LEED V4.
 - e. Low Sheen:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Low Lustre Enamel HP25 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Low Lustre Enamel HP25 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009.
 2. Alkyd System (Solvent Base Finish):
 - a. Gloss Finish Urethane Modified:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.

- 2) 2nd Coat: Corotech Alkyd Urethane Gloss V200 (336 g/L), MPI # 9, 27, 48.
- 3) 3rd Coat: Corotech Alkyd Urethane Gloss V200 (336 g/L), MPI # 9, 27, 48.
- b. Gloss Finish Urethane Modified:
 - 1) 1st Coat: Benjamin Moore Super Spec HP Acrylic Metal Primer KP04 (47 g/L), MPI # 107, X-Green 107, 134, LEED 2009, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Super Spec HP Urethane Alkyd Gloss Enamel P22 (394 g/L), MPI # 9, 48.
 - 3) 3rd Coat: Benjamin Moore Super Spec HP Urethane Alkyd Gloss Enamel P22 (394 g/L), MPI # 9, 48.
3. Epoxy Systems (Water Base):
 - a. Gloss Finish
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - b. Gloss Finish
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Waterborne Amine Epoxy V440 (K206 g/L).
 - 3) 3rd Coat: Corotech Waterborne Amine Epoxy V440 (K206 g/L).
4. Pre-Catalyzed Epoxy (Waterborne):
 - a. Semi-Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - b. Eggshell Finish:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009
5. Urethane System (Water Base):
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Corotech Waterborne Urethane Gloss V540 (10 g/L), LEED Credit.
 - 3) 3rd Coat: Corotech Waterborne Urethane Gloss V540 (10 g/L), LEED Credit.
6. Urethane System (Solvent Base):
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech Polyamide Epoxy Primer V150 (330 g/L).
 - 2) 2nd Coat: Corotech Aliphatic Acrylic Urethane Gloss V500 (229 g/L), MPI # 72, 78, 83, 105.
 - 3) 3rd Coat: Corotech Aliphatic Acrylic Urethane Gloss V500 (229 g/L), MPI # 72, 78, 83, 105.
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Corotech Polyamide Epoxy Primer V150 (330 g/L).
 - 2) 2nd Coat: Corotech Aliphatic Acrylic Urethane Semi-Gloss V510 (305 g/L), MPI # 83, 174.
 - 3) 3rd Coat: Corotech Aliphatic Acrylic Urethane Semi-Gloss V510 (305 g/L), MPI # 83, 174.

F. METAL - (Ceilings - Structural Steel, Joists, Trusses, Beams).

1. MultiSurface Acrylic Coating:

- a. Gloss Finish:
 - 1) 1st Coat: Corotech Prep All Universal Metal Primer V132 (394 g/L).
 - 2) 2nd Coat: Coronado Rust Scat Waterborne Acrylic 80 (224 g/L), MPI # 114, 154, LEED Credit.
 - 3) 3rd Coat: Coronado Rust Scat Waterborne Acrylic 80 (224 g/L), MPI # 114, 154, LEED Credit.
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Corotech Prep All Universal Metal Primer V132 (394 g/L).
 - 2) 2nd Coat: Coronado Super Kote 5000 Dry Fall Latex Semi-Gloss 112 (67g/L), MPI # 226.
 - 3) 3rd Coat: Coronado Super Kote 5000 Dry Fall Latex Semi-Gloss 112 (67g/L), MPI # 226.
 - c. Eggshell Finish:
 - 1) 1st Coat: Corotech Prep All Universal Metal Primer V132 (394 g/L).
 - 2) 2nd Coat: Coronado Super Kote 5000 Dry Fall Latex Flat N110 (46 g/L), MPI # 118.
 - 3) 3rd Coat: Coronado Super Kote 5000 Dry Fall Latex Flat N110 (46 g/L), MPI # 118.
 - d. Flat Finish:
 - 1) 1st Coat: Corotech Prep All Universal Metal Primer V132 (394 g/L).
 - 2) 2nd Coat: Coronado Super Kote 5000 Dry Fall Latex Flat N110 (46 g/L), MPI # 118.
 - 3) 3rd Coat: Coronado Super Kote 5000 Dry Fall Latex Flat N110 (46 g/L), MPI # 118.
2. Dryfall Alkyd Topcoats:
- a. Flat Finish:
 - 1) 1st Coat: Corotech Prep All Universal Metal Primer V132 (394 g/L).
 - 2) 2nd Coat: Coronado Super Kote 5000 Dry Fall Alkyd Flat 105 (346 g/L), MPI # 55.

G. WOOD- (Doors, Trim, Partitions, Frames).

1. Latex Systems:
 - a. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Coronado Rust Scat Waterborne Acrylic Gloss 80 (224 g/L), MPI # 114, 154, LEED Credit.
 - 3) 3rd Coat: Coronado Rust Scat Waterborne Acrylic Gloss 80 (224 g/L), MPI # 114, 154, LEED Credit.
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Coronado Rust Scat Waterborne Acrylic Semi-Gloss 90 (134 g/L), MPI # 153, LEED Credit.
 - 3) 3rd Coat: Coronado Rust Scat Waterborne Acrylic Semi-Gloss 90 (134 g/L), MPI # 153, LEED Credit.
 - c. Low Sheen/Satin:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Low Sheen K537 (0 g/L), MPI # 44, 144, LEED, LEED V4, CHPS.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Low Sheen K537 (0 g/L), MPI # 44, 144, LEED, LEED V4, CHPS.

- d. Flat Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Flat K536 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED, LEED V4, CHPS.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Flat K536 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED, LEED V4, CHPS.
2. Alkyd System (Waterborne):
 - a. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore ADVANCE Waterborne Interior Alkyd K794 (46 g/L), MPI # 157, X-Green 157, LEED, CHPS.
 - 3) 3rd Coat: Benjamin Moore ADVANCE Waterborne Interior Alkyd K794 (46 g/L), MPI # 157, X-Green 157, LEED, CHPS.
3. Alkyd System (Solvent Base Finish):
 - a. Gloss Finish Urethane Modified:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Corotech Alkyd Urethane Gloss V200 (336 g/L), MPI # 9, 27, 48.
 - 3) 3rd Coat: Corotech Alkyd Urethane Gloss V200 (336 g/L), MPI # 9, 27, 48.
4. Epoxy System (Water Base):
 - a. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - b. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Corotech Waterborne Amine Epoxy V440 (K206 g/L).
 - 3) 3rd Coat: Corotech Waterborne Amine Epoxy V440 (K206 g/L).
5. Pre-Catalyzed Epoxy (Waterborne):
 - a. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - b. Eggshell Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.

6. Epoxy System (Solvent Base):
 - a. Gloss Finish:
 - 1) 1st Coat: Corotech Waterborne Bonding Primer V175, LEED Credit.
 - 2) 2nd Coat: Corotech Waterborne Amine Epoxy V440 (K206 g/L).
 - 3) 3rd Coat: Corotech Waterborne Amine Epoxy V440 (K206 g/L).
 - b. Gloss Finish:
 - 1) 1st Coat: Corotech Waterborne Bonding Primer V175, LEED Credit.
 - 2) 2nd Coat: Corotech Waterborne Amine Epoxy V440 (K206 g/L).
 - 3) 3rd Coat: Corotech Waterborne Amine Epoxy V440 (K206 g/L).
- H. DRYWALL - (Walls, Ceilings, Gypsum Board).
 1. Latex Systems:
 - a. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Ultra Spec 500 Interior Latex Primer K534 (0 g/L), MPI # 50, X-Green 50, 149, X-Green 149, LEED 2009, LEED V4, CHPS Certified
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Gloss K540 (0 g/L), MPI # 54, X-Green 54, 147, 147 X-Green, 141, X-Green 141, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Gloss K540 (0 g/L), MPI # 54, X-Green 54, 147, 147 X-Green, 141, X-Green 141, LEED 2009, LEED V4, CHPS Certified.
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Ultra Spec 500 Interior Latex Primer K534 (0 g/L), MPI # 50, X-Green 50, 149, X-Green 149, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified.
 - c. Low Sheen/ Eggshell:
 - 1) 1st Coat: Benjamin Moore Ultra Spec 500 Interior Latex Primer K534 (0 g/L), MPI # 50, X-Green 50, 149, X-Green 149, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Latex Eggshell K538 (0 g/L), MPI # 52, X-Green 52, 145, X-Green 145, 139, X-Green 139, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Latex Eggshell K538 (0 g/L), MPI # 52, X-Green 52, 145, X-Green 145, 139, X-Green 139, LEED 2009, LEED V4, CHPS Certified.
 - d. Flat Finish:
 - 1) 1st Coat: Benjamin Moore Ultra Spec 500 Interior Latex Primer K534 (0 g/L), MPI # 50, X-Green 50, 149, X-Green 149, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Flat K536 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Flat K536 (0 g/L), MPI # 53, X-Green 53, 143, X-Green 143, LEED 2009, LEED V4, CHPS Certified.
 2. Epoxy Systems (Water Base):
 - a. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit,

- CHPS Certified.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
- 3. Pre-Catalyzed Epoxy (Waterborne):
 - a. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - b. Eggshell Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
- B. PLASTER - (Walls, Ceilings).
 - 1. Latex Systems:
 - a. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Acrylic Gloss K540 (0 g/L), MPI # 54, X-Green 54, 147, X-Green 147, 141, 141 X-Green, LEED, LEED V4, CHPS.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Acrylic Gloss K540 (0 g/L), MPI # 54, X-Green 54, 147, X-Green 147, 141, 141 X-Green, LEED, LEED V4, CHPS.
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Semi-Gloss Enamel, KP29 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009, LEED V4.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Semi-Gloss Enamel, KP29 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009, LEED V4.
 - c. Low Sheen Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Low Lustre Enamel HP25 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Low Lustre Enamel HP25 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009.
 - d. Flat Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2. Epoxy Systems (Water Base):
 - a. Gloss Finish:

- 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
 - 3) 3rd Coat: Corotech Acrylic Epoxy V450 (168 g/L).
3. Pre-Catalyzed Epoxy (Waterborne):
- a. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Semi-Gloss V341 (71 g/L), LEED 2009.
 - b. Eggshell Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.
 - 3) 3rd Coat: Corotech Pre-Catalyzed Waterborne Epoxy Eggshell V342 (73 g/L), MPI # 151, LEED 2009.

1.3 EXTERIOR PAINT SYSTEMS (Note: exterior gloss categories are wider than interior, resulting in overlap between gloss and semi-gloss, satin and low lustre)

A. CONCRETE (Cementitious Siding, Flexboard, Transite Board, Shingles (Non-Roof), Common Brick, Stucco, Tilt-up, Precast, and Poured-in-place Cement).

1. Latex Systems:
 - a. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Ben Waterborne Exterior Soft-Gloss K543 (45 g/L), MPI # 11.
 - 3) 3rd Coat: Benjamin Moore Ben Waterborne Exterior Soft-Gloss K543 (45 g/L), MPI # 11.
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS. 2nd Coat: Benjamin Moore Regal Select Exterior High-Build Soft-Gloss K403 (43 g/L), MPI # 11, 311.
 - 2) 3rd Coat: Benjamin Moore Regal Select Exterior High-Build Soft-Gloss K403 (43 g/L), MPI # 11, 311.
 - c. Satin Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec EXT Satin K448 (46 g/L), MPI # 15.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec EXT Satin K448 (46 g/L), MPI # 15.
 - d. Satin Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Regal Select Exterior High-Build Low Lustre K401 (40 g/L), MPI # 15, 315.
 - 3) 3rd Coat: Benjamin Moore Regal Select Exterior High-Build Low Lustre K401 (40 g/L), MPI # 15, 315.
 - e. Flat Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-

- Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS. 2nd Coat: Benjamin Moore ben Waterborne Exterior Flat K542 (44 g/L), MPI # 10.
 - 2) 3rd Coat: Benjamin Moore ben Waterborne Exterior Flat K542 (44 g/L), MPI # 10.
 - f. Flat Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Regal Select Exterior High-Build Flat Finish K400 (42 g/L) MPI # 10.
 - 3) 3rd Coat: Benjamin Moore Regal Select Exterior High-Build Flat Finish K400 (42 g/L) MPI # 10.
 - 2. Elastomeric System: Not including cementitious siding, Flexboard, Transite board or shingles (non-roof).
 - a. Flat Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec® Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, LEED, CHPS.
 - 2) 2nd Coat: Benjamin Moore Super Spec Masonry 100% Acrylic Elastomeric Coating Flat 056 (99 g/L).
 - 3) 3rd Coat: Benjamin Moore Super Spec Masonry 100% Acrylic Elastomeric Coating Flat 056 (99 g/L).
 - 3. Stain System:
 - a. Solid Color Waterborne Finish:
 - 1) 1st Coat: Coronado TuffCrete Waterborne Acrylic Concrete Stain CST-2000 (153 g/L), MPI # 58.
 - 2) 2nd Coat: Coronado TuffCrete Waterborne Acrylic Concrete Stain CST-2000 (153 g/L), MPI # 58.
- B. MASONRY: Concrete Masonry Units (CMU) - Cinder or Concrete Block.
- 1. Latex Systems:
 - a. Gloss Finish – Early Moisture Resistant Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Regal Select Exterior High-Build Soft-Gloss K403 (43 g/L), MPI # 11, 311.
 - 3) 3rd Coat: Benjamin Moore Regal Select Exterior High-Build Soft-Gloss K403 (43 g/L), MPI # 11, 311.
 - b. Semi-Gloss Finish:
 - 1) 1st Coat: Coronado Super Kote 5000 Production Block Filler 958-11 (35 g/L), MPI # 4, X-Green 4, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified..
 - c. Satin Finish:
 - 1) 1st Coat: Coronado Super Kote 5000 Production Block Filler 958-11 (35 g/L), MPI # 4, X-Green 4, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Coronado Cryli Cote 100% Acrylic Satin House & Trim Paint 410 (83 g/L).
 - 3) 3rd Coat: Coronado Cryli Cote 100% Acrylic Satin House & Trim Paint 410 (83 g/L).
 - d. Satin Finish – Early Moisture Resistant Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4,

- CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Regal Select Exterior High-Build Low Lustre K401 (40 g/L), MPI # 15, 315.
 - 3) 3rd Coat: Benjamin Moore Regal Select Exterior High-Build Low Lustre K401 (40 g/L), MPI # 15, 315.
- e. Flat Finish:
 - 1) 1st Coat: Coronado Super Kote 5000 Production Block Filler 958-11 (35 g/L), MPI # 4, X-Green 4, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Coronado Cryli Cote 100% Acrylic Flat House & Trim Paint 10 (44 g/L), MPI # 10.
 - 3) 3rd Coat: Coronado Cryli Cote 100% Acrylic Flat House & Trim Paint 10 (44 g/L), MPI # 10.
- f. Flat-Early Moisture Resistant Finish:
 - 1) 1st Coat: Benjamin Moore Super Spec Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Regal Select Exterior High-Build Flat Finish K400 (42 g/L) MPI # 10.
 - 3) 3rd Coat: Benjamin Moore Regal Select Exterior High-Build Flat Finish K400 (42 g/L) MPI # 10.
- g. High Build Coating
 - 1) 1st Coat: Coronado Texcrete WB Acrylic Masonry Waterproofer Smooth Finish 3194 (90 g/L), LEED Credit.
- 2. Elastomeric System:
 - a. Flat Finish
 - 1) 1st Coat: Benjamin Moore Super Spec Masonry Interior/Exterior Hi-Build Block Filler K206 (45 g/L), MPI # 4, X-Green 4, LEED 2009, LEED V4, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Super Spec Masonry 100% Acrylic Elastomeric Coating Flat 056 (99 g/L).
 - 3) 3rd Coat: Benjamin Moore Super Spec Masonry 100% Acrylic Elastomeric Coating Flat 056 (99 g/L).
- 3. Textured Masonry System:
 - a. Textured (Water Based Finish)
 - 1) 1st Coat: Coronado Texcrete WB Acrylic Masonry Waterproofer Smooth Finish 3194 (90 g/L), LEED Credit.
 - 2) 2nd Coat: Coronado Texcrete WB Textured Waterproofer
 - a) Finish Texture Sand: 3192 (78 g/L), LEED Credit.
 - b) Finish Texture Medium: 3196 (20 g/L) MPI # 42, LEED Credit.
 - b. Smooth (Water Based)
 - 1) 1st Coat: Coronado Texcrete WB Acrylic Masonry Waterproofer Smooth Finish 3194 (90 g/L), LEED Credit.
 - 2) 2nd Coat: Coronado Texcrete WB Acrylic Masonry Waterproofer Smooth Finish 3194 (90 g/L), LEED Credit.
- 4. Stain System:
 - a. Solid Color Waterborne Stain Finish:
 - 1) 1st Coat: Insl-X TuffCrete Solvent Acrylic Concrete Stain & Waterproofing Sealer CST-5100 (651 g/L), MPI # 58, 104.
 - 2) 2nd Coat: Insl-X TuffCrete Solvent Acrylic Concrete Stain & Waterproofing Sealer CST-5100 (651 g/L), MPI # 58, 104.
- 5. Clear Water Repellant:
 - a. Clear Finish
 - 1) 1st Coat: Coronado Texcrete Silicone Water Repellant 194 (21 g/L), MPI # 117, LEED Credit.
 - 2) 2nd Coat: Coronado Texcrete Silicone Water Repellant 194 (21 g/L), MPI # 117, LEED Credit.

- C. CONCRETE: Concrete Floors (non-vehicular), Patios, Porches, Steps and Platforms.
 - 1. Acrylic System Water-Based:
 - a. Floor Finish:
 - 1) 1st Coat: Benjamin Moore Floor & Patio Latex Enamel Low Sheen K122 (45 g/L), LEED 2009.
 - 2) 2nd Coat: Benjamin Moore Floor & Patio Latex Enamel Low Sheen K122 (45 g/L), LEED 2009.

- D. METAL: Aluminum, Galvanized.
 - 1. Latex Systems:
 - a. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Ultra Spec EXT Gloss Finish K449 (46 g/L) MPI # 11.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec EXT Gloss Finish K449 (46 g/L) MPI # 11.
 - b. Gloss Finish- Early Moisture Resistant Finish
 - 1) 1st Coat: Benjamin Moore Ultra Spec D.T.M. Acrylic Gloss Enamel KP28 (45 g/L), MPI # 114, X-Green 114, 154, X-Green 154, 164, LEED 2009, LEED V4.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec D.T.M. Acrylic Gloss Enamel KP28 (45 g/L), MPI # 114, X-Green 114, 154, X-Green 154, 164, LEED 2009, LEED V4.
 - c. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Ultra Spec HP Acrylic DTM Semi-Gloss Enamel KP29 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec HP Acrylic DTM Semi-Gloss Enamel KP29 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED 2009.
 - d. Satin Finish:
 - 1) 1st Coat: Benjamin Moore Ultra Spec EXT Satin K448 (46 g/L), MPI # 15.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec EXT Satin K448 (46 g/L), MPI # 15.
 - e. Low Lustre/ Satin Finish- Early Moisture Resistant Finish:
 - 1) 1st Coat: Benjamin Moore Regal Select Exterior High-Build Low Lustre K401 (40 g/L), MPI # 15, 315.
 - 2) 2nd Coat: Benjamin Moore Regal Select Exterior High-Build Low Lustre K401 (40 g/L), MPI # 15, 315.
 - f. Flat Finish:
 - 1) 1st Coat: Benjamin Moore Ultra Spec Exterior Flat Finish K447 (45 g/L), MPI # 10.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec Exterior Flat Finish K447 (45 g/L), MPI # 10.
 - g. Flat Finish- Early Moisture Resistant Finish:
 - 1) 1st Coat: Benjamin Moore Regal Select Exterior High-Build Flat Finish K400 (42 g/L), MPI # 10.
 - 2) 2nd Coat: Benjamin Moore Regal Select Exterior High-Build Flat Finish K400 (42 g/L), MPI # 10.

- E. METAL: Misc. Iron, Ornamental Iron, Structural Iron and Steel, Ferrous Metal.
 - 1. Latex Systems:
 - a. Gloss Finish
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Gloss Enamel (45 g/L), MPI # 114, X-Green 114, 154, X-Green 154, 164, LEED.

- 3) 3rd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Gloss Enamel (45 g/L), MPI # 114, X-Green 114, 154, X-Green 154, 164, LEED.
 - b. Semi-Gloss Finish
 - 1) 1st Coat: Corotech Acrylic Metal Primer V110 (199 g/L), LEED Credit.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Semi-Gloss Enamel, KP29 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec HP D.T.M. Acrylic Semi-Gloss Enamel, KP29 (45 g/L), MPI # 141, X-Green 141, 153, X-Green 153, LEED.
- F. WOOD: Decks, Exterior including pressure treated lumber, Floors (non-Vehicular), Platforms.
 - 1. Acrylic Water-Based Floor System:
 - a. Floor Finish:
 - 1) 1st Coat: Benjamin Moore Floor & Patio Latex Enamel Low Sheen K122 (45 g/L), LEED 2009.
 - 2) 2nd Coat: Benjamin Moore Floor & Patio Latex Enamel Low Sheen K122 (45 g/L), LEED 2009.
 - 2. Stain Systems:
 - a. Solid Color Acrylic Latex:
 - 1) 1st Coat: Benjamin Moore Arborcoat Solid Deck & Siding Stain K640 (93 g/L), MPI # 16.
 - 2) 2nd Coat: Benjamin Moore Arborcoat Solid Deck & Siding Stain K640 (93 g/L), MPI # 16.
 - b. Semi-Transparent Stain:
 - 1) 1st Coat: Benjamin Moore Arborcoat Semi-Transparent Deck & Siding Stain K638 (92 g/L), MPI # 156.
 - 2) 2nd Coat: Benjamin Moore Arborcoat Semi-Transparent Deck & Siding Stain K638 (92 g/L), MPI # 156.
 - c. Clear Stain:
 - 1) 1st Coat: Benjamin Moore Arborcoat Waterproofer K320 (34 g/L).
- G. WOOD: Siding, Trim, Shutters, Sashes, Hardboard-Bare/Primed.
 - 1. Latex Systems:
 - a. Soft Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec EXT Gloss Finish K449 (46 g/L), MPI # 11.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec EXT Gloss Finish K449 (46 g/L), MPI # 11.
 - b. Gloss Finish - Early Moisture Resistant Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Regal Select Exterior High-Build Soft-Gloss K403 (43 g/L), MPI # 11, 311.
 - 3) 3rd Coat: Benjamin Moore Regal Select Exterior High-Build Soft-Gloss K403 (43 g/L), MPI # 11, 311.
 - c. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss

MPI # 11.

- b. Soft-Gloss:
 - 1) 1st Coat: Insl-X Stix Waterborne Bonding Primer SXA-110 (47 g/L).
 - 2) 2nd Coat: Benjamin Moore Ben Waterborne Exterior Soft-Gloss K543 (45 g/L), MPI # 11.
 - 3) 3rd Coat: Benjamin Moore Ben Waterborne Exterior Soft-Gloss K543 (45 g/L), MPI # 11.
- c. Satin Finish:
 - 1) 1st Coat: Insl-X Stix Waterborne Bonding Primer SXA-110 (47 g/L).
 - 2) 2nd Coat: Benjamin Moore Ultra Spec EXT Satin K448 (46 g/L), MPI # 15.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec EXT Satin K448 (46 g/L), MPI # 15.
- d. Flat Finish:
 - 1) 1st Coat: Insl-X Stix Waterborne Bonding Primer SXA-110 (47 g/L).
 - 2) 2nd Coat: Benjamin Moore Ultra Spec Exterior Flat Finish K447 (45 g/L), MPI # 10.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec Exterior Flat Finish K447 (45 g/L), MPI # 10.

I. DRYWALL: Gypsum Board, Exterior Drywall.

1. Latex Systems:

- a. Soft-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ben Waterborne Exterior Soft-Gloss K543 (45 g/L), MPI # 11.
 - 3) 3rd Coat: Benjamin Moore Ben Waterborne Exterior Soft-Gloss K543 (45 g/L), MPI # 11.
- b. Soft-Gloss Finish - Early Moisture Resistant Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Regal Select Exterior High-Build Soft-Gloss K403 (43 g/L), MPI # 11, 311.
 - 3) 3rd Coat: Benjamin Moore Regal Select Exterior High-Build Soft-Gloss K403 (43 g/L), MPI # 11, 311.
- c. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec 500 Interior Latex Semi-Gloss K539 (0 g/L), MPI # 43, X-Green 43, 146, X-Green 146, 140, X-Green 140, LEED 2009, LEED V4, CHPS Certified.
- d. Low Lustre Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore ben Exterior Low Lustre K542 (45 g/L), MPI # 15.
 - 3) 3rd Coat: Benjamin Moore ben Exterior Low Lustre (45 g/L), MPI # 15.
- e. Low Lustre - Early Moisture Resistant Finish:

- 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Regal Select Exterior High-Build Low Lustre K401 (40 g/L), MPI # 15, 315.
 - 3) 3rd Coat: Benjamin Moore Regal Select Exterior High-Build Low Lustre K401 (40 g/L), MPI # 15, 315.
- f. Flat Finish:
- 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore ben Waterborne Exterior Flat K542 (44 g/L), MPI # 10.
 - 3) 3rd Coat: Benjamin Moore ben Waterborne Exterior Flat K542 (44 g/L), MPI # 10.
- g. Flat Finish - Early Moisture Resistant Finish:
- 1) 1st Coat: Benjamin Moore Fresh Start High-Hiding All Purpose Primer K046 (44 g/L), MPI # 6, 17, X-Green 17, 39, 50, X-Green 50, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Regal Select Exterior High-Build Flat Finish K400 (42 g/L) MPI # 10.
 - 3) 3rd Coat: Benjamin Moore Regal Select Exterior High-Build Flat Finish K400 (42 g/L) MPI # 10.

J. VINYL SIDING EIFS, SYNTHETIC STUCCO:

1. Latex Systems:
 - a. Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec EXT Gloss Finish K449 (46 g/L) MPI # 11.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec EXT Gloss Finish K449 (46 g/L) MPI # 11.
 - b. Soft-Gloss Finish – Vinyl Safe Early Moisture Resistant Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec EXT Gloss Finish K449 (46 g/L), MPI # 11.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec EXT Gloss Finish K449 (46 g/L), MPI # 11.
 - c. Semi-Gloss Finish:
 - 1) 1st Coat: Benjamin Moore Regal Select Exterior High-Build Soft-Gloss K403 (43 g/L), MPI # 11, 311.
 - 2) 2nd Coat: Benjamin Moore Regal Select Exterior High-Build Soft-Gloss K403 (43 g/L), MPI # 11, 311.
 - d. Satin Finish:
 - 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec EXT Satin K448 (46 g/L), MPI # 15.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec EXT Satin K448 (46 g/L), MPI # 15.
 - e. Flat Finish:

- 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec Exterior Flat Finish K447 (45 g/L), MPI # 10.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec Exterior Flat Finish K447 (45 g/L), MPI # 10.
- f. Flat Finish – Vinyl Safe Early Moisture Resistant Finish:
- 1) 1st Coat: Benjamin Moore Fresh Start Multi-Purpose Primer K/F023 (44 g/L), MPI # 6, 17, X-Green 17, 39, 137, X-Green 137, LEED Credit, CHPS Certified.
 - 2) 2nd Coat: Benjamin Moore Ultra Spec Exterior Flat Finish K447 (45 g/L), MPI # 10.
 - 3) 3rd Coat: Benjamin Moore Ultra Spec Exterior Flat Finish K447 (45 g/L), MPI # 10.

PART 2 EXECUTION

2.1 EXAMINATION

- A. The Contractor shall review the product manufacturer's special instructions for surface preparation, application, temperature, re-coat times, and product limitations.
- B. The Contractor shall review product health and safety precautions listed by the manufacturer.
- C. The Contractor shall be responsible for enforcing on site health and safety requirements associated with the Work.
- D. Do not begin installation until substrates have been properly prepared.
- E. Ensure that surfaces to receive paint are dry immediately prior to application.
- F. Ensure that moisture-retaining substrates to receive paint have moisture content within tolerances allowed by coating manufacturer. Where exceeding the following values, promptly notify Architect and obtain direction before beginning work.
 1. Concrete and Masonry: 3-5 percent. Allow new concrete to cure a minimum of 28 days.
 2. Exterior Wood: 17 percent.
 3. Interior Wood: 15 percent.
 4. Interior Finish Detail Woodwork, Including Trim, and Casework: 10 percent.
 5. Plaster and Gypsum: 15 percent.
 6. Concrete Slab-On-Grade: Perform calcium chloride test over 24 hour period or other acceptable test to manufacturer. Verify acceptable moisture transmission and pH levels.
- G. Examine surfaces to receive coatings for surface imperfections and contaminants that could impair performance or appearance of coatings, including but not limited to, loose primer, rust, scale, oil, grease, mildew, algae, or fungus, stains or marks, cracks, indentations, or abrasions.
- H. Correct conditions that could impair performance or appearance of coatings in accordance with specified surface preparation procedures before proceeding with coating application.

2.2 PREPARATION - GENERAL

- A. Clean surfaces thoroughly prior to coating application.
- B. Do not start work until surfaces to be finished are in proper condition to produce finished surfaces of uniform, satisfactory appearance.
- C. Stains and Marks: Remove completely, if possible, using materials and methods recommended by coating manufacturer; cover stains and marks which cannot be completely removed with isolating primer or sealer recommended by coating manufacturer to prevent bleed-through.
- D. Remove Mildew, Algae, and Fungus using materials and methods recommended by coating manufacturer.
- E. Remove dust and loose particulate matter from surfaces to receive coatings immediately prior to coating application.
- F. Remove or protect adjacent hardware, electrical equipment plates, mechanical grilles and louvers, lighting fixture trim, and other items not indicated to receive coatings.
- G. Move or protect equipment and fixtures adjacent to surfaces indicated to receive coatings to allow application of coatings.
- H. Protect adjacent surfaces not indicated to receive coatings.
- I. Prepare surfaces in accordance with manufacturer's instructions for specified coatings and indicated materials, using only methods and materials recommended by coating manufacturer.

2.3 SURFACE PREPARATION

- A. Concrete and Concrete Masonry: Clean surfaces free of loose particles, sand, efflorescence, laitance, form oil, curing compounds, and other substances which could impair coating performance or appearance.
- B. Concrete Floors: Remove contaminants which could impair coating performance or appearance. Verify moisture transmission and alkaline-acid balance recommended by coating manufacturer; mechanically abrade surface to achieve 80-100 grit medium-sandpaper texture.
- C. Existing Coatings:
 - 1. Remove surface irregularities by scraping or sanding to produce uniform substrate for coating application; apply one coat primer of type recommended by coating manufacturer for maximum coating adhesion.
 - 2. If presence of lead in existing coatings is suspected, cease surface preparation and notify Architect immediately.
- D. Gypsum Board: Repair cracks, holes and other surface defects with joint compound to produce surface flush with adjacent surfaces.
- E. Masonry Surfaces - Restored: Remove loose particles, sand, efflorescence, laitance, cleaning compounds and other substances that could impair coating performance or appearance.

- F. Metals - Aluminum, Mill-Finish: Clean and etch surfaces with a phosphoric acid-water solution or water based industrial cleaner. Flush with clean water and allow to dry, before applying primer coat.
- G. Metals - Copper: Clean surfaces with pressurized steam, pressurized water, or solvent washing.
- H. Metals - Ferrous, Unprimed: Remove rust or scale, if present, by wire brush cleaning, power tool cleaning, or sandblast cleaning; remove grease, oil, and other contaminants which could impair coating performance or appearance by solvent cleaning, with phosphoric-acid solution cleaning of welds, bolts and nuts; spot-prime repaired welds with specified primer.
- I. Metals - Ferrous, Shop-Primed: Remove loose primer and rust, if present, by scraping and sanding, feathering edges of cleaned areas to produce uniform flat surface; solvent-clean surfaces and spot-prime bare metal with specified primer, feathering edges to produce uniform flat surface.
- J. Metals - Galvanized Steel (not passivated): Clean with a water-based industrial strength cleaner, apply an adhesion promoter followed by a clean water rinse. Alternately, wipe down surfaces using clean, lint-free cloths saturated with xylene or lacquer thinner; followed by wiping the surface dry using clean, lint-free cloths.
- K. Metals - Galvanized Steel, Passivated: Clean with water-based industrial strength cleaner. After the surface has been prepared, apply recommended primer to a small area. Allow primer to cure for 7 days, and test adhesion using the "cross-hatch adhesion tape test" method in accordance with ASTM D 3359. If the adhesion of the primer is positive, proceed with a recommended coating system for galvanized metal.
- L. Metals - Stainless Steel: Clean surfaces with pressurized steam, pressurized water, or water-based industrial cleaner.
- M. Plaster: Repair cracks, holes and other surface defects as required to maintain proper surface adhesion. Apply patching plaster or Joint compound and sand to produce surface flush with adjacent undamaged surface. Allow a full cure prior to coating application as recommended by the patching compound manufacturer's recommendations.
- N. Polyvinyl Chloride (PVC) Pipe: remove contaminants and markings with denatured alcohol scuff sand and wipe with solvent for maximum adhesion. Test adhesion before starting the job.
- O. Fiberglass Doors - remove contaminants with cleaning solvent (alcohol) scuff sand and wipe. Test adhesion of primer before starting job.
- P. Textiles - Insulated Coverings, Canvas or Cotton: Clean using high-pressure air and solvent of type recommended for material.
- Q. Wood:
1. Seal knots, pitch streaks, and sap areas with sealer recommended by coating manufacturer; fill nail recesses and cracks with filler recommended by coating manufacturer; sand surfaces smooth.
 2. Remove mill marks and ink stamped grade marks.
 3. Apply primer coat to back of wood trim and paneling.
- R. Wood Doors: Seal door tops and bottoms prior to finishing.

- S. Wood Doors - Field-Glazed Frames and Sash: Prime or seal glazing channels prior to glazing.

2.4 APPLICATION - GENERAL

- A. Application of primers, paints, stains or coatings, by the Contractor, will serve as acceptance that surfaces were properly prepared in accordance with the manufacturer's recommendation.
- B. Apply each coat to uniform coating thickness in accordance with manufacturer's instructions, not exceeding manufacturer's specified maximum spread rate for indicated surface; thins, brush marks, roller marks, orange-peel, or other application imperfections are not permitted.
- C. Allow manufacturer's specified drying time, and ensure correct coating adhesion, for each coat before applying next coat.
- D. Inspect each coat before applying next coat; touch-up surface imperfections with coating material, feathering, and sanding if required; touch-up areas to achieve flat, uniform surface without surface defects visible from 5 feet (1.5 m).
- E. Remove dust and other foreign materials from substrate immediately prior to applying each coat.
- F. Where paint application abuts other materials or other coating color, terminate coating with a clean sharp termination line without coating overlap.
- G. Where color changes occur between adjoining spaces, through framed openings that are of same color as adjoining surfaces, change color at outside stop corner nearest to face of closed door.
- H. Re-prepare and re-coat unsatisfactory finishes; refinish entire area to corners or other natural terminations.

2.5 CLEANING

- A. Clean excess coating materials, and coating materials deposited on surfaces not indicated to receive coatings, as construction activities of this section progress; do not allow to dry.
- B. Re-install hardware, electrical equipment plates, mechanical grilles and louvers, lighting fixture trim, and other items that have been removed to protect from contact with coatings.
- C. Reconnect equipment adjacent to surfaces indicated to receive coatings.
- D. Relocate to original position equipment and fixtures that have been moved to allow application of coatings.
- E. Remove protective materials.

2.6 PROTECTION AND REPAIR

- A. Protect completed coating applications from damage by subsequent construction activities.
- B. Repair to Architect's acceptance coatings damaged by subsequent construction activities. Where repairs cannot be made to Architect's acceptance, re-apply finish coating to nearest adjacent change of surface plane, in both horizontal and vertical directions.

END OF SECTION

STONE				
(Note: All stone slabs to be tagged and approved by designer prior to installation)				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
ST-01	Stone @ Reception Desk front and Transaction countertops	Ciot Rudy Biasutto 416-771-7806 rbiasutto@ciot.com	Calacatta Marble	Refer to Inon Drawings for location and extent. To be sealed and installed per manufacturers recommendations.
ST-02	Stone @ Fireplace (Main Lobby)	Ciot Rudy Biasutto 416-771-7806 rbiasutto@ciot.com	Calacatta Maxfine	Refer to Inon Drawings for location and extent. To be sealed and installed per manufacturers recommendations. Book match as required.
ST-03	Stone @ Fireplace (Amenity)	Ciot Rudy Biasutto 416-771-7806 rbiasutto@ciot.com	Calacatta Maxfine	Refer to Inon Drawings for location and extent. To be sealed and installed per manufacturers recommendations. Book match as required.
ST-04	Stone @ Washroom Vanities (Main Lobby and Amenity)	Olympia Tile	Quantra 1 quartz Athens 561	Refer to Inon Drawings for location and extent. To be sealed and installed per manufacturers recommendations.
ST-05	Stone @ Amenity Kitchen Countertop and Kitchenette	Olympia Tile	Quantra quartz Morning Fog 3/4" Slab	Refer to Inon Drawings for location and extent. To be sealed and installed per manufacturers recommendations.
ST-06	Stone @ Mailroom Millwork	Ciot Rudy Biasutto 416-771-7806 rbiasutto@ciot.com	Maxfine Calcatta	Refer to Inon Drawings for location and extent. To be sealed and installed per manufacturers recommendations.
ST-07	Stone @ Dogwash Millwork	Ciot Rudy Biasutto 416-771-7806 rbiasutto@ciot.com	Maxfine Calcatta	Refer to Inon Drawings for location and extent. To be sealed and installed per manufacturers recommendations.
ST-08	Stone @ Kitchen Backsplash	Olympia Tile	Quantra quartz Morning Fog 3/4" Slab	To be provided by Millworker.

CALACATTA MARBLE

Millions of years old, **marble** is one of history's more elegant **natural stone** that have embellished stately buildings since ancient times. Here is just a small selection from our **Marble** Classic Collection that can be installed in **kitchens, bathrooms, main entrances** and more.

See the entire collection of **marble** in our showroom*.

*In order to make your shopping experience more enjoyable, you are invited to communicate with your Ciot HABITAT showroom prior to your visit to confirm they are presenting the products you wish to view. Please see the OUR STORES section to get in touch with your nearest showroom.



MAXFINE 6MM



MaxFine is a full body porcelain stoneware made in Italy with a unique cutting edge technology. It's the only product to provide such a large size with reduced thickness (6 mm) and a fully polished surface. Resistant, **MaxFine** is also of an incredible aesthetic quality, reproducing in an impressive manner the rich and delicate natural stone appearance.



ST-02, ST-03

CALACATTA



- SLABS
- TILES
- INSTALLATION AND MAINTENANCE
- ARTISTIC MOSAIC
- LIQUIDATION

MAXFINE 6MM



MaxFine is a full body porcelain stoneware made in Italy with a unique cutting edge technology. It’s the only product to provide such a large size with reduced thickness (6 mm) and a fully polished surface. Resistant, **MaxFine** is also of an incredible aesthetic quality, reproducing in an impressive manner the rich and delicate natural stone appearance.

Each **MaxFine** slab is available in four pattern variations (random); for 75 x 75 cm tiles, the number of different patterns thus switches to around thirty. It is also possible to create a bookmatch effect using Block A and Block B slabs. Available for colors Calacatta and Bianco Venato Statuario Extra, these slabs each present the exact same pattern, Block B being the mirror of Block A.

MaxFine is ideal for an interior application on floors and walls in your residential and commercial projects. An exterior wall application is also possible. **MaxFine** may also be fabricated to be used as a counter surface or vanity, or even to cover a door.

Formats:

- Slabs** 150x300 cm (59x119")
- Tiles** 37,5x75 cm (14,75x29,5") | 75x75 cm (29,5x29,5") | 75x150 cm (29,5x59") | 100x100 cm (39,4x39,4") | 150x150 cm (59x59")



- Home
- Our company
- Our stores
- Contact us
- Return policy
- Faq

- SLABS
- CONCRETE
- GLASS
- GRANITE
- LIMESTONE
- MARBLE
- ONYX
- PORCELAIN STONEWARE
- QUARTZ

- TILES
- CERAMIC
- CONCRETE
- GLASS
- GRANITE
- LIMESTONE
- MARBLE
- MOSAIC
- ONYX

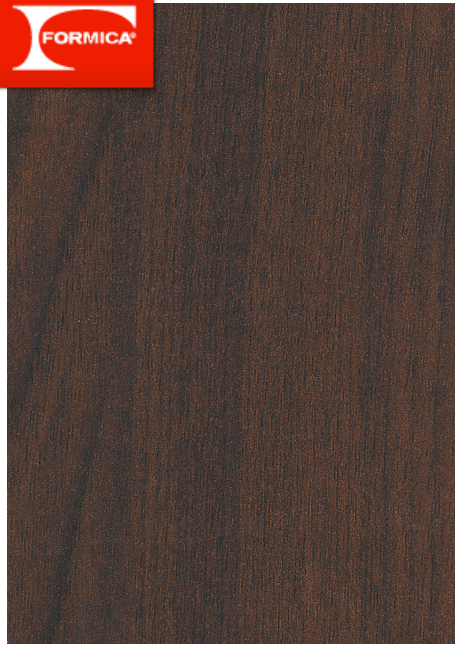
- INSTALLATION AND MAINTENANCE
- HEATED FLOORS
- PROTECTION AND MAINTENANCE
- SYSTEMS AND ADHESIVES
- TOOLS
- ARTISTIC MOSAIC
- GENESI
- LIQUIDATION / CIOT SURPLUS

TILE (Note: Contractor to provide samples to designer for approval prior to commencement of work)				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
TL-01	P1 Level Floor Tile & Stair C & exit corridor	Supplied By Owner	Porcelain Tile Argeus Stone Grey 13" X 13"	To be used in conjunction with SN-01 when applicable. Contractor to provide carborandom strips as required by building code for stair threads.
TL-02	Ground Floor Lobby Main Floor, Garbage Tile	Supplied By Owner	Saksner Pearl 18" x 36"	1/8" max grout lines. Grout: *tile contractor to provide sample for designer approval.
TL-06	Reserved	-		
TL-07	Kitchen Main Floor	Supplied By Owner	H Stone Light Gray 12" x 24"	1/8" max grout lines. Grout: *tile contractor to provide sample for designer approval.
TL-09	Dogwash Main Floor	Supplied By Owner	Scabos Ice 13" x 13"	1/8" max grout lines. Grout: *tile contractor to provide sample for designer approval.
TL-10	Dogwash Wall	Supplied By Owner	Scabos Ice 13" x 13"	1/8" max grout lines. Grout: *tile contractor to provide sample for designer approval.
TL-11	Washroom Accent Wall, Ground Floor Garbage Chute Walls	Supplied By Owner	Rustic Gray 13" x 13"	1/8" max grout lines. Grout: *tile contractor to provide sample for designer approval.
TL-12	2nd to 7th Floor Garbage chute floor	Supplied by Owner	Porcelain Tile Scabos Ice 13" x 20"	1/8" max grout lines. Grout: *tile contractor to provide sample for designer approval.
TL-13	2nd to 7th Floor Garbage chute wall	Supplied by Owner	Porcelain Tile Scabos Ice 13" x 20"	1/8" max grout lines. Grout: *tile contractor to provide sample for designer approval.

GR-01	Grout	Flextile Ltd.	Match Colour and Type to TL-01, TL-09, TL-10, TL-12 Harvest	1/8" max grout lines. Grout: *tile contractor to provide sample for designer approval.
GR-02	Grout	Flextile Ltd.	Match Colour and Type to TL-02 Snow White	1/8" max grout lines. Grout: *tile contractor to provide sample for designer approval.
GR-03	Grout	Flextile Ltd.	Match Colour and Type to TL-06, TL-11 Snow White	1/8" max grout lines. Grout: *tile contractor to provide sample for designer approval.
GR-04	Grout	Flextile Ltd.	Match Colour and Type to TL-07 Bone	1/8" max grout lines. Grout: *tile contractor to provide sample for designer approval.
GR-05	Grout	Flextile Ltd.	Match Colour and Type to TL-13 Pearl	1/8" max grout lines. Grout: *tile contractor to provide sample for designer approval

WOOD/ WOOD STAINS				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
WD-01			Reserved	
WD-02			Reserved	
WD-03	Wood Panelling	1/4 cut maple. To be supplied by millworker, stained to match Laminate: Formica 7739, Cocoa Maple		*Any jambs requiring paint, to be painted to match maple stain. Sample to be provided by millworker to designer for approval.
S-01	Wood Stain	To be supplied by Millworker to match Laminate: Formica 7739, Cocoa Maple		Stain to match control sample

MILLWORK				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
PL-01	Ground Floor Millwork & Other	Formica Laminate (or approved alternate)	Prestige Walnut 6209	Millworker to provide samples for approval prior to production.
MLM-01	Black Melamine @ all Interior Millwork	To be provided by Millworker for all Millwork Interior		Samples to be provided to designer for approval.



Formica® Laminate
(<http://www.formica.com/en/us/products/formica-laminate>)
6209



PL-01

Prestige Walnut

STANDARD FINISHES

Artisan (Finish Code: 43)

MADE TO ORDER

Artisan (Finish Code: 43)

Gloss (Finish Code: 90)

Matte (Finish Code: 58)

[Compare finishes](#)

* The Features icons below are for general reference only. For more specific product information, see Documents section below. Swatches are a representation and may vary in color from the final product. Please obtain a sample of the product before making a final selection.



Prestige Walnut

This color is also available as a Cross Grain. Cross Grain is when the grain is

turned and runs across the width of the sheet instead of down the length. To order as a Cross Grain use décor code **09297**. Please order a standard sample as color does not change.

Specification

Features

- EASY TO CLEAN & MAINTAIN
- INTERIOR USE ONLY
- IMPACT RESISTANT
- STAIN RESISTANT
- FIRE RESISTANT
 - Grade 32
 - Grade 50
- HORIZONTAL VERTICAL
- POSTFORMING
 - Grade 12
 - Grade 20

*The Features icons below are for general reference only. For more specific product information, see Documents section below.

Size and grade guide

Standard

[Grade 12](#)



Horizontal Postforming Grade (HGP) Outside radius to 1/2" (12.7mm) and cove radius to 3/16"(4.8mm). Postformable to permit bending on suitable commercial postforming equipment. Use whenever forming is desired for decorative or functional purposes in interior applications. Optimum postforming temperature is 325°F (163°C). Note: When used with a gloss finish, Grade 12 is recommended for light-duty horizontal applications.

4' x 8'	ARTISAN (FINISH CODE: 43)
4' x 10'	ARTISAN (FINISH CODE: 43)
5' x 12'	ARTISAN (FINISH CODE: 43)

Sheet sizes shown in feet

Made to order

[Grade 10](#)



General Purpose Grade (HGS) The most widely specified grade. Recommended for horizontal and vertical interior applications.

3' x 7'	MATTE (FINISH CODE: 58)
4' x 8'	ARTISAN (FINISH CODE: 43) GLOSS (FINISH CODE: 90) MATTE (FINISH CODE: 58)
5' x 12'	ARTISAN (FINISH CODE: 43) MATTE (FINISH CODE: 58)
5' x 10'	GLOSS (FINISH CODE: 90) MATTE (FINISH CODE: 58)

Sheet sizes shown in feet

Thickness

GRADE 10

Sheet thickness: 0.044" (1.1mm) nominal

GRADE 20

Sheet thickness: 0.027" (0.7mm) nominal

GRADE 50

Sheet thickness: 0.045" (1.1mm) nominal

GRADE 12

Sheet thickness: 0.035" (0.9mm) nominal

GRADE 32

Sheet thickness: 0.029" (0.7mm) nominal

Sheet sizes may vary slightly across the sheet.

Documents

WALLCOVERING				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
WC-01	Amenity Main Wallcovering	Vycon	Chipper Bamboo Y46855CI	Install per manufacturers recommendations.
WC-02	Lobby and Lobby Corridor Main Wallcovering	Metro Wallcoverings Joanne Pringle 416-529-4240 jpringle@metrowallcoverings.com	Koroseal Ambassador Collection 5715-03	Install per manufacturers recommendations.
WC-03	Concierge and Vestibule Main Wallcovering	Metro Wallcoverings Joanne Pringle 416-529-4240 jpringle@metrowallcoverings.com	Koroseal Ambassador Collection 5715-03	Install per manufacturers recommendations.
WC-04	Elevator Lobby Accent, 2nd-7th Level	Vycon	Chipper Mountain Top Y46869CI	Install per manufacturers recommendations.
WC-05	Amenity Washroom	Vycon	Brushstroke Morning Shore Y47059BR	Install per manufacturers recommendations.

Chipper

LOW VOC
54" / TYPE II / 20 oz.

PHYSICAL PROPERTIES

Weight 20 oz. PLY / 620 G/PLM 13.3 oz. PSY / 451 G/PSM
Backing Osnaburg
Width 54 in. / 137 cm
Match Reverse, random

Meets or exceeds Federal Specification CCC-W-408D for Type II Wallcovering

FIRE SAFETY

- Class "A" fire rated - tested in accordance with ASTM E-84 Tunnel Test
- Passes NFPA 286 Corner Burn Test
- Passes Class A NFPA 101 Life Safety Code

ENVIRONMENT & HEALTH

- Contains 10% recycled content
- Certified to NSF/ANSI 342 Sustainability Assessment; ask distributor for details
- Meets California Section 01350 IAQ test requirements for wallcovering
- Can contribute to LEED EQ 4.1 point for low-emitting materials, adhesives, and sealants, if used with low VOC adhesives
- Can contribute to LEED MR 5.1 point for regional materials

ANTI-MICROBIAL FEATURES

Vycon® wallcoverings contain antimicrobial additives to resist the growth of mildew and bacteria and pass ASTM G-21. These additives will not prevent mold growth if residual wall moisture is in excess of 4% and/or is allowed to accumulate in or behind the walls. All Vycon® wallcoverings can be perforated, with a 30 yard minimum requirement, for enhanced permeability. This product is intended for use in buildings that are properly designed and maintained to avoid moisture infiltration, condensation and/or accumulation at wall cavities and wall surfaces, particularly in warm, humid climates.

CUSTOMS

Contact your Vycon distributor for customs.

WARRANTY

5 year warranty against manufacturing defects. Additional information is available at:
vyconwallcovering.com



Chipper

WC-01

Color:
Bamboo

SKU:
Y46855

54" Type II • 20 oz.

.....
Total weight: 20 oz. PLY/13.3 oz. PSY

.....
Backing: Osnaburg

.....
Width: 54"

.....
Repeat: N/A

.....
Match: Reverse Random

.....
 [Download specifications sheet](#)

 [Request sample](#)





Chipper

WC-04

Color:
Mountaintop

SKU:
Y46869

54" Type II • 20 oz.

.....
Total weight: 20 oz. PLY/13.3 oz. PSY

.....
Backing: Osnaburg

.....
Width: 54"

.....
Repeat: N/A

.....
Match: Reverse Random

.....
 [Download specifications sheet](#)

 [Request sample](#)



Koroseal®

Ambassador Collection

Type I

S715-03

WC-03

KOROSEAL

KOROSEAL Interior Products, LLC

www.koroseal.com

6/14

Koroseal®

Ambassador Collection

Type I

S715-03

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Koroseal®

Ambassador Collection

Type I

S715-03

KOROSEAL

KOROSEAL Interior Products, LLC

www.koroseal.com

6/14

WC-02, WC-03

Brushstroke

LOW VOC
54" / TYPE II / 20 oz.

PHYSICAL PROPERTIES

Weight 20 oz. PLY / 620 G/PLM 13.3 oz. PSY / 451 G/PSM
Backing Osnaburg
Width 54 in. / 137 cm
Match Reverse, random

Meets or exceeds Federal Specification CCC-W-408D for Type II Wallcovering

FIRE SAFETY

- Class "A" fire rated - Tested in accordance with ASTM E-84 Tunnel Test
- Passes Class A NFPA 101 Life Safety Code
- Passes NFPA 286 Corner Burn Test

ENVIRONMENT & HEALTH

- Contains 10% recycled content
- Certified to NSF/ANSI 342 Sustainability Assessment; ask distributor for details
- Meets California Section 01350 IAQ test requirements for wallcovering
- Can contribute to LEED EQ 4.1 point for low-emitting materials, adhesives, and sealants, if used with low VOC adhesives
- Can contribute to LEED MR 5.1 point for regional materials

ANTIMICROBIAL FEATURES

Vycon wallcoverings contain antimicrobial additives to resist the growth of mildew and bacteria and pass ASTM G-21. These additives will not prevent mold growth if residual wall moisture is in excess of 4% and/or is allowed to accumulate in or behind the walls. All Vycon wallcoverings can be perforated, with a 30 yard minimum requirement, for enhanced permeability. This product is intended for use in buildings that are properly designed and maintained to avoid moisture infiltration, condensation and/or accumulation at wall cavities and wall surfaces, particularly in warm, humid climates.

CUSTOMS

Custom colors, weights, recycled backing and micro venting available

WARRANTY

5 year warranty against manufacturing defects. Additional information is available at:

vyconwallcovering.com



Brushstroke

WC-05

Color:

Morning Shore

SKU:

Y47059

54" Type II • 20 oz.

.....
Total weight: 20 oz. PLY/13.3 oz. PSY

.....
Backing: Osnaburg

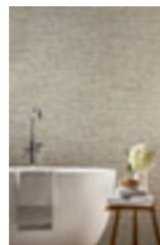
.....
Width: 54"

.....
Repeat: N/A

.....
Match: Reverse Random

 [Download specifications sheet](#)

 [Request sample](#)



APPLIANCES & EQUIPMENT (GLASS, MIRROR, FIREPLACE, RUBBER ETC.)				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
EQ-01	Ground Floor Main Lobby Fireplace	Dimplex	Electric Opti-myst® 1000 Cassette Opti-myst Model # CDFI1000P	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
EQ-02	Ground Floor Amenity Fireplace	Dimplex	Electric Opti-myst® 1000 Cassette Opti-myst Model # CDFI1000P	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
EQ-09	Refrigerator	As per Suite Standard		Refer to manual and specification cut sheets for rough in installation and cut out requirements.
EQ-10	Dishwasher	As per Suite Standard		Refer to manual and specification cut sheets for rough in installation and cut out requirements.
EQ-11	Stove	As per Suite Standard		Refer to manual and specification cut sheets for rough in installation and cut out requirements.
EQ-13	Microwave	As per Suite Standard		Refer to manual and specification cut sheets for rough in installation and cut out requirements.
EQ-17	Television	Supplied By Owner		Refer to manual and specification cut sheets for rough in installation and cut out requirements.
MR-03	Framed Mirror @ Fitness Room Walls	TBD		Leaned against wall behind weight rack.

MR-04	Full Height Wall Hung Mirror @ Amenity Barrier Free Washroom	TBD
--------------	--	-----



EQ-01, EQ-02

Opti-myst® Pro 1000

Built-in Electric Cassette

CDFI1000P

Design with fire,
not limitations.



Image courtesy of
Nero Fire Designs

Picture the perfect fireplace: any length, any location, and any number of sides. Forget about venting, gas lines and hot glass, because they are a thing of the past. Now imagine flames made of water that you can reach out and touch. The revolutionary Opti-myst by Dimplex reinvents the electric fireplace and makes it easier than ever to add a dramatic fire feature to any space. See-through, three-sided, open concept, the possibilities are endless, so go ahead, play with fire.

 **Dimplex®**



Opti-myst® Pro 1000

Built-in Electric Cassette

CDFI1000P

Adjustable from
9" (22.9 cm) to
9-1/2" (24.1 cm)



CDFILOG-KIT - Pro 1000 Log Kit (includes two log sets)



Also available: Opti-myst™ Pro 500 (CDFI500P)



CDFIPLUMB-KIT - Plumb Kit

120 Volts | 460 Watts | 1,569 BTU

Model #	Description	Lbs/Kg	UPC	Wty.	Carton Dimensions (WxHxD)		Cube	
					inches	cm	Ft³	M³
CDFI1000P	Opti-myst® Pro 1000 Cassette	35 / 15.87	781052 099883	2 yr.	44-1/5 x 13-3/8 x 18-1/8	113.0 x 34.0 x 46.0	8.8	0.3
CDFILOG-KIT	Pro 1000 Log Kit (2 log sets)	28 / 12.7	781052 104754		23-1/2 x 11 x 17-1/2	60.0 x 28.0 x 44.5	2.61	0.07
CDFIPLUMB-KIT	Plumb Kit	0.7 / .32	781052 103221		15-1/2 x 3-1/2 x 6-1/2	39.4 x 8.9 x 16.5	0.20	0.01
CDFI-PLUGKIT	Plug Kit	TBD	781052 105591		11-1/4 x 3-1/4 x 4	28.7 x 8.1 x 10.2	0.08	0.00

Features

- Opti-myst® Flame Effect**
Revolutionary ultrasonic technology produces a fine mist to create the illusion of flames and smoke.
- Customization**
Multiple 20" (50.8 cm) and 40" (101.8 cm) cassettes can be combined in series to achieve the desired length for dramatic linear installations impossible to achieve with gas fires.
- Adjustable Flame**
Control the desired volume of flame to suit.
- Continuous Water Supply**
Optional plumbed water supply kit provides continuous operation without refilling water tanks.
- All-day Flames**
Fill the water tank with tap water and enjoy up to 8 hours of continuous flames.
- Media Options**
Includes flat plate that can be customized with contemporary media (not included). Optional inner glow logs also available.
- Crackling Sound Effects**
Enjoy a more complete sensory experience with the sound of natural wood fire.
- Frame, Wire and Finish**
Basic installation requires fewer tradespeople, no gas lines, venting or chimney.
- Zero Emissions**
The most sustainable fireplace option; no emissions and 100% efficient.
- Energy Efficient**
Uses low-energy LED lights for low-cost operation.
- Heat-free Operation**
Designed with the sole purpose of providing a stunning visual flame feature.
- Sight and Sound Remote**
Control the flames and crackling sound effects at the touch of a button.



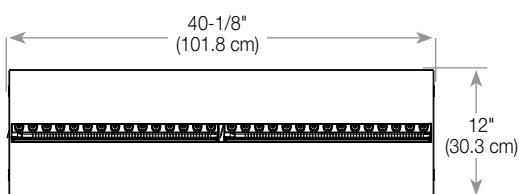
Opti-myst® Pro 1000

Built-in Electric Cassette

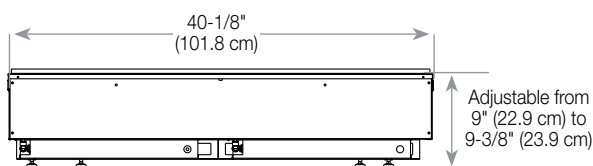
CDFI1000P

Product Dimensions:

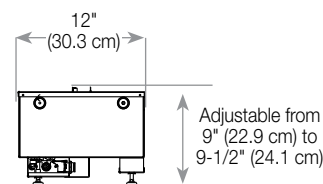
MEDIA PLATE



TOP

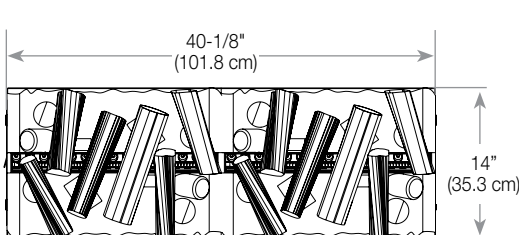


FRONT

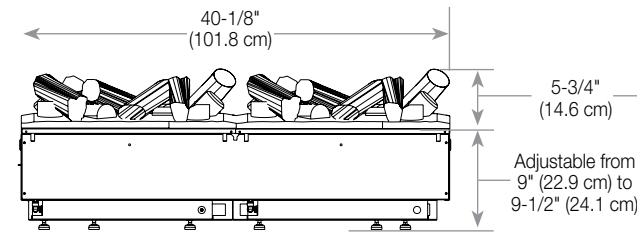


SIDE

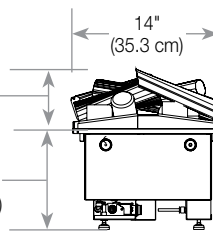
LOG SET



TOP

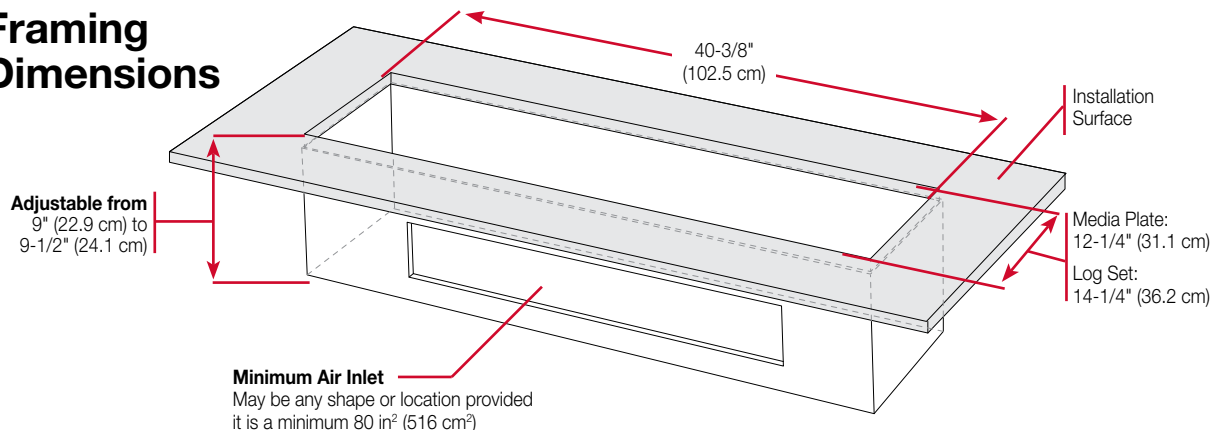


FRONT



SIDE

Framing Dimensions

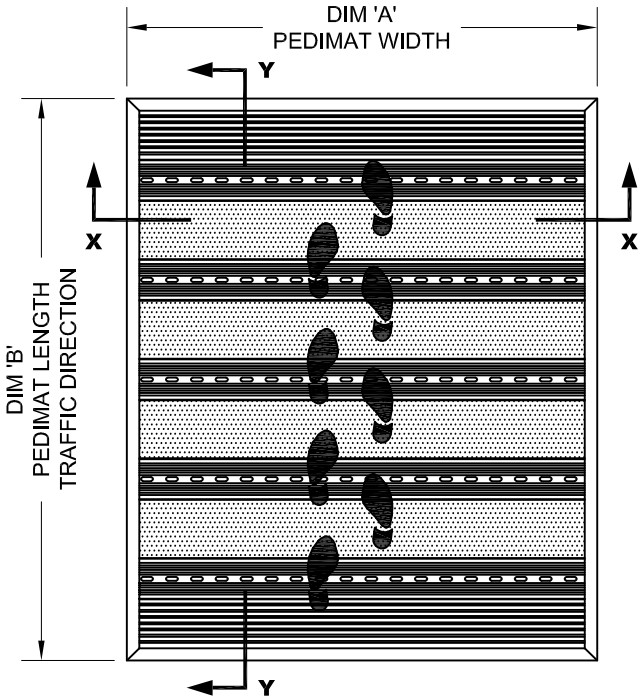


Caution: When determining a location for the Opti-myst® cassette, ensure that the unit will not be susceptible to drafts, vents, ceiling fans and other air currents. Similar to a candle, large movements of air will affect the unit's ability to create and maintain the flame effect.

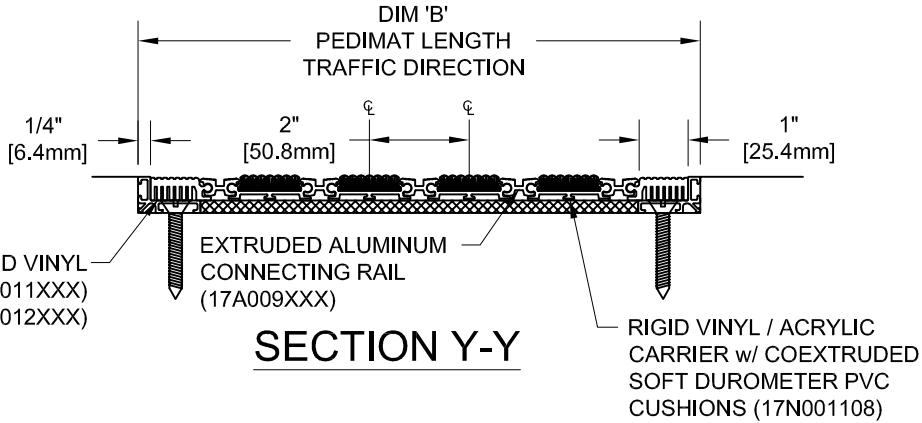
Construction Materials				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
PD-01	Ground Floor Main Entry Vestibule Pedimat	Construction Specialties 800-233-8493	Pedimat M1 Entrance Mat with aluminum level base frame 9321 Pewter 105"x84"	Install per manufacturers recommendations. See lobby finishes plan for location and design details.
PD-02	Dog Wash Pedimat	Construction Specialties 800-233-8493	Pedimat M1 Entrance Mat with aluminum level base frame 9321 Pewter 44"x37"	Install per manufacturers recommendations. See lobby finishes plan for location and design details.
PD-03	Stair C Pedimat	Construction Specialties 800-233-8493	Pedimat M1 Entrance Mat with aluminum level base frame 9321 Pewter 44"x37"	Install per manufacturers recommendations. See lobby finishes plan for location and design details.
SC-01	Ground Floor Lobby and Amenity Screen	Custom by millworker- provide shop drawings for review and approval by designer. Screen for paint as noted.		Refer to detail ID-321, DWG. 8
ACT-01	Acoustical Ceiling Tile (typical)	Armstrong Ceilings	Ledges 24" x 24" Flush tegular 15/16"	Install per manufacturers recommendations.



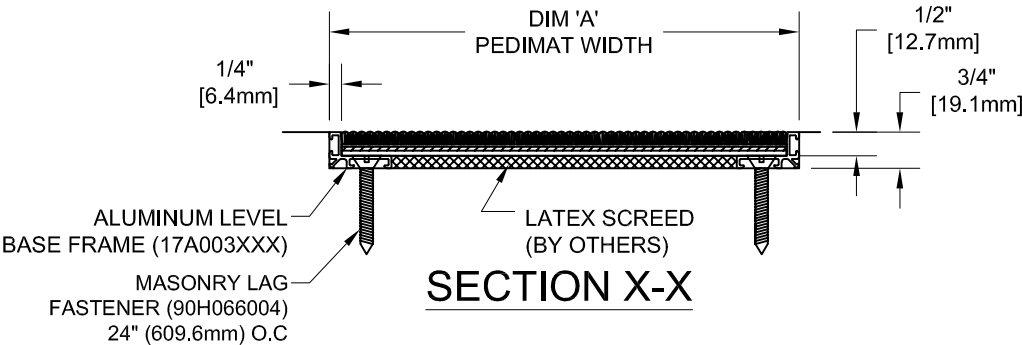
PEDIMAT INSERT STYLES



TYPICAL PLAN VIEW



SECTION Y-Y



SECTION X-X

NOTES:

- *ALL SURFACES IN CONTACT WITH MASONRY ARE TO RECEIVE A COAT OF ZINC CHROMATE PRIMER

*PLEASE VERIFY TRAFFIC DIRECTION

*PEDIMAT SHALL BE ABLE TO SUPPORT A 350 LB. ROLLING LOAD. LARGER LOADING MAY BE ACCOMMODATED. CONTACT C/S SALES WITH SPECIFIC LOADING REQUIREMENTS.
- *MAX. SINGLE GRID SIZE NOT TO EXCEED 12'-0" (3.66M) IN WIDTH (DIM "A") OR 100 SQUARE FEET

*ADDITIONAL SPECIFICATIONS ARE CONTAINED IN THE LATEST C/S CATALOG OR AT C-SGROUP.COM AND ARE CONSIDERED PART OF THIS TRANSMITTAL.

6696 Route 405 Highway, Muncy PA 17756
(800) 233-8493 • Fax (570) 546-4692 • www.c-sgroup.com

PROJECT:		
LOCATION:		
CONTRACTOR:		
AGENT:		SHT:
DRG. BY:	DATE:	JOB NO.:

PLEASE VERIFY ALL	QTY	MARK #	LOCATION	MODEL	DIM 'A' WIDTH	DIM 'B' LENGTH	FINISH	NOTES

LEDGES



OVERVIEW

COLORS & OPTIONS PRODUCTS INSTALLATION CAD & BIM/REVIT VIDEOS





The dimensional look of old-world plaster ceilings is available in two classic designs.

KEY FEATURES

- Dimensional, sculptured visual
- Affordable and practical alternative to embossed plaster panels
- Non-directional visual reduces installation time and scrap

PERFORMANCE

at a glance

 ACOUSTICS	
 Sound Blocking (CAC)	35
 FIRE	
Fire Rating	Class A (UL)
LIGHT REFLECTANCE	80%
 RECYCLED CONTENT	43%

 Sag/Humidity Resistance	Standard
 BioBlock	Yes

SUSTAINABILITY PROFILE

RECYCLED CONTENT

43%

RECYCLABLE THROUGH
ARMSTRONG RECYCLING
PROGRAM




LEARN MORE

LEED CALCULATOR BY
ECOSCORECARD

green genie™


GET STARTED

COLORS & OPTIONS




LEDGES in White

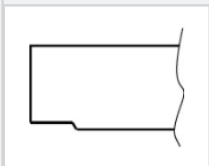
COLORS



SHAPES



EDGE

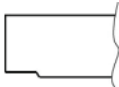




Flush Tegalr 9/16

2 LEDGES PRODUCTS

NARROW RESULTS BY

EDGE ▾ | DIMENSIONS ▾ | COLOR ▾

ITEM #	EDGE	DIMENSIONS	ACOUSTICS	LIGHT REFLECTANCE	COLOR
8013	 Flush Tegalr 9/16IN	 24IN x 24IN x 3/4IN	CAC: 35	80%	

FIXTURES				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
EQ-03	Grab Bar A	Bobrick 877-423-6555	Grab Bar with Snap Flange Horizontal, 24" Stainless Steel B-6806	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
EQ-04	Grab Bar B	Bobrick 877-423-6555	Grab Bar with Snap Flange Horizontal, 24" Stainless Steel B-6806	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
EQ-05	Change Table	Worthington Direct 800-599-6636	Foundations 100-SSE-R Recessed Special Needs Adult Changing Station #60054 64.75"L x 23.5"W x 4"H	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
EQ-06	Toilet Paper Dispenser	Bobrick 877-423-6555	Recessed Dual-Roll Toilet Tissue Dispenser Bright Polished Stainless Steel B-697	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
EQ-07	Coat Hook	CBH 416-234-1166	Coat Hook Stainless Steel CBH61	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
EQ-08	Paper Towel Dispenser	Bobrick 877-423-6555	Recessed Paper Towel Dispenser B-3469 Stainless Steel	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
EQ-12	Sanitary Disposal	Bobrick 877-423-6555	Trimline Series Recessed Sanitary Napkin Disposal Stainless Steel B-3513	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
EQ-14	Soap Dispenser	Bobrick 877-423-6555	Automatic Lavatory- Mounted Soap Dispenser Stainless Steel B-8263	Refer to manual and specification cut sheets for rough in installation and cut out requirements.

EQ-15	Coat Hook @ Dog Wash	CBH 416-234-1166	Coat Hook Stainless Steel CBH62	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
EQ-16	Eye Hook @ DogWash	Richelieu 1 800 361-6000	Contemporary Metal Hook RH1293011140 Metal Chrome	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-01	Water Closet	Kohler 800-4560-4537	Highline-1.6 or 1.28 Flushometer Bowl K-4405	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-02	ADA Sink	American Standard	Mezzo Semi-Countertop Sink 9960001	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-03	Kitchen Sink	Kohler 800-4560-4537	Strive Under-Mount Apronfront Kitchen Sink K-5416	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-04	Kitchen Faucet	Delta	Essa Collection Single Handle Pull-Down Chrome Finish 9113t-DST	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-05	Sink Strainer/ Tailpiece	Kohler 800-4560-4537	Duo Strainer Sink Strainer With Tailpiece Solid Brass K-8801	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-06	Washroom Sink	Kohler 800-4560-4537	Odeon™ 4" Centerset semi- recessed Lavatory K-11160-4	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-07	Kitchen Bar Sink	Kohler 800-4560-4537	Top/ Undermount Bar Sink with Single Faucet Hole 15"x15" Stainless Steel K-3840-1	Refer to manual and specification cut sheets for rough in installation and cut out requirements.

FX-08	Kitchen Bar Faucet	Kohler 800-4560-4537	Purist Secondary Swing Spout without Spray Stainless Steel K-7509	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-08-ALT	Kitchen Bar Faucet	Delta	Bar & Prep Sink Faucet Chrome Finish 1959 Lf	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-09	Washroom Closet Toilet Seat	Kohler 800-4560-4537	Lustra Elongated Toilet Seat with Open Front and Check Hinge K-4670-C	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-10	Elongated Toilet Seat & Lid	Kohler 800-4560-4537	Lustra Elongated Toilet Seat K-4650	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-11	Flushometer	Delta	Electronic Exposed TECK Flush Valves 81T201BTA	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-12	Dog Wash Shower Base	Kohler 800-4560-4537	Single Threshold Shower Base with Center Drain 60"x42" K-8659	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-13	Dog Wash Temperature Valve	Delta	Modern In Wall Tub and Shower Trim T140335	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-14	Dog Wash Pressure- balancing Valve	Delta	MultiChoice valve body only with screwdriver stops with PEX inlet connections & 1/2" universal male thread outlets R10000-PXWS	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-15	Dog Wash Hand Shower	Delta	Wall Bar Hand Held Shower 51599DS comes with diverter U4980-PK	Refer to manual and specification cut sheets for rough in installation and cut out requirements.

FX-16	Washroom Faucet	Delta	Lavatory Faucet 573LF-PP	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-17	Mirror Above Washroom Vanity		TBD	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-18	Mailbox	Canadian Mailbox Company 514-362-1397	1200 Front Load Aluminium w/ Clear Anodized Finish	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FX-19	Enter Phone Pedestal	Mircom	TX3-T-KIOSK2 stand 22" surface mount touch screen	Refer to manual and specification cut sheets for rough in installation and cut out requirements.

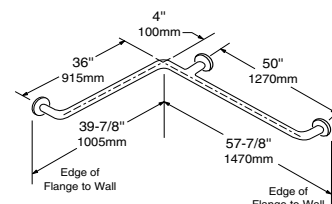
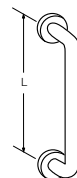
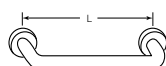
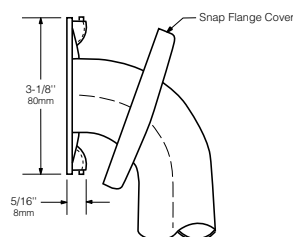
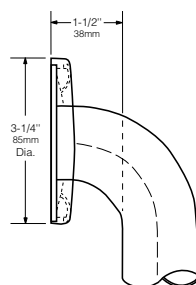
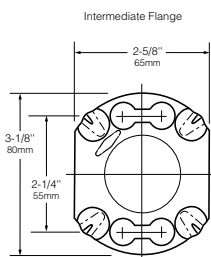
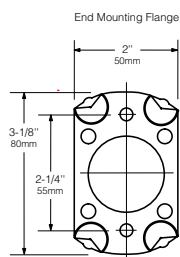


1½" (38mm) DIAMETER STAINLESS STEEL GRAB BARS WITH SNAP FLANGE

B-6806 SERIES

Specify Finish Required:

- ☐ Satin finish
☐ Satin finish with peened gripping surface; add suffix .99 to model number



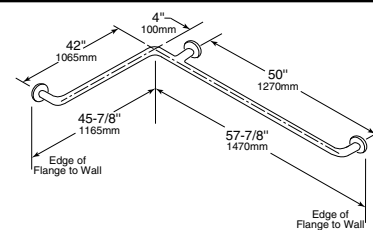
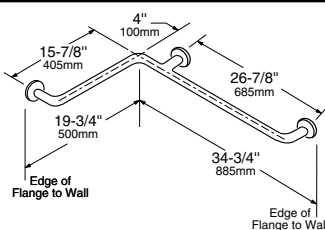
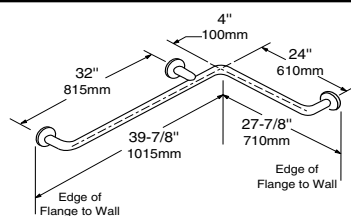
HORIZONTAL

VERTICAL

TWO-WALL WHEELCHAIR
TOILET COMPARTMENT

B-6806 x 12, 18, 24, 30, 36, 42, 48

B-68137

HORIZONTAL TUB / SHOWER / TOILET
COMPARTMENT BAR 24 x 36HORIZONTAL TWO-WALL BAR
for Shower StallTWO-WALL
TOILET COMPARTMENT BAR 42 x 54

B-68616

B-6861

B-6897

continued . . .

MATERIALS:

Grab Bar — 18-8 S, type-304, 18-gauge (1.2mm) stainless steel tubing with satin-finish. 1-1/2" (38mm) outside diameter. Ends are heliarc welded to flanges. Clearance between the grab bar and wall is 1-1/2" (38mm).

Concealed Mounting Flanges — 18-8 S, type-304, 11-gauge (3.2mm) thick, stainless steel plate; end flanges 2" x 3-1/8" (50 x 80mm) with holes for attachment to wall. Intermediate flanges 2-5/8" x 3-1/8" (65 x 80mm) wide x 3-1/8" (80mm) diameter.

Snap Flange Covers — 18-8 S, type-304, 22-gauge (0.8mm) drawn stainless steel with satin-finish. 3-1/4" (85mm) diameter x 1/2" (13mm) deep. Each cover snaps over mounting flange to conceal mounting screws.

STRENGTH:

Bobrick grab bars that provide 1-1/2" (38mm) clearance from wall can support loads in excess of 900 pounds (408kg) if properly installed. Other grab bar configurations can support loads in excess of 250 pounds (113kg) if properly installed, complying with accessible design (including ADAAG in the U.S.A.) for structural strength.

Safety Warning: Grab bars are no stronger than the anchors and walls to which they are attached and, therefore, must be firmly secured in order to support the loads for which they are intended. To avoid potential injury, the building owner or maintenance personnel should remove the grab bar from service if the grab bar is not adequately secured to wall or if there is any observed damage to the welds.

INSTALLATION:

Provide concealed anchor device or backing as specified or required in accordance with local building codes before wall is finished. Fasten concealed mounting flanges to anchor device or backing with at least two screws opposing each other in each flange. Snap flange covers over each mounting flange to conceal mounting screws. Concealed anchor devices and mounting screws are not included with Bobrick grab bars and must be specified as an accessory.

For Grab Bars with an Intermediate Flange(s), Pull Snap-Flange Covers away from mounting flanges. Place grab bar in desired mounting location. Use intermediate flange as a template to mark location of mounting screws at intermediate flange only. Mark screw locations at the center of the slot in the middle of the double-keyhole shaped mounting holes (2) in the intermediate flange. Remove grab bar from wall. Drive the intermediate flange mounting screws into wall at marked locations. **Note:** Make sure to leave a space of just over 1/8" (3.17mm) between the underside of the screw head and the wall. Install grab bar on the wall by placing the round ends of the intermediate flange double-keyhole shaped mounting holes over the mounting screws (2) are located in the middle of the flange slots. Install the mounting screws into the wall at the end flanges and secure tightly. Tighten the mounting screws at the intermediate flange. Press all snap-flange covers into place to conceal mounting flanges.

Note: Recommend use of 1/4" or #14 sheet metal or wood screws to install Intermediate Flange. #12 screws may also be used.

Important Notes:

1. **Mounting Kits** — Bobrick offers a mounting kit for installing grab bars; **one Bobrick mounting kit is required for each flange.**

Mounting Kit No.	Description
252-30	Consists of # (3) 14 x 2½" type-304 stainless steel, Phillips round-head, sheet-metal screws.

2. **Grab Bar Fastener** — Bobrick offers a grab bar fastening system that secures all Bobrick grab bar series; **one Bobrick fastener is required for each flange.** Install grab bar without backing in wall requires minimum 5/8" (16mm) thick painted or tiled drywall.

WingIt™ Fastener No.	Description
251-4	Consists of 10–32 x 5/16" round-head, Phillips 18/8 stainless steel screws. (1) WingIt grab bar fastener.

3. **Optional Anchor Device** — Bobrick grab bar anchor device includes stainless steel machine screws to be used for attaching grab bars to anchors. **one Bobrick concealed anchor device is required for each flange.**

Optional Anchor No.	Description
2583	Anchor for 3/4" to 1" (19-25mm) panel 1 anchor required for each flange.
2586	Anchor for 1/2" to 1" (13mm) panel 1 anchor required for each flange.

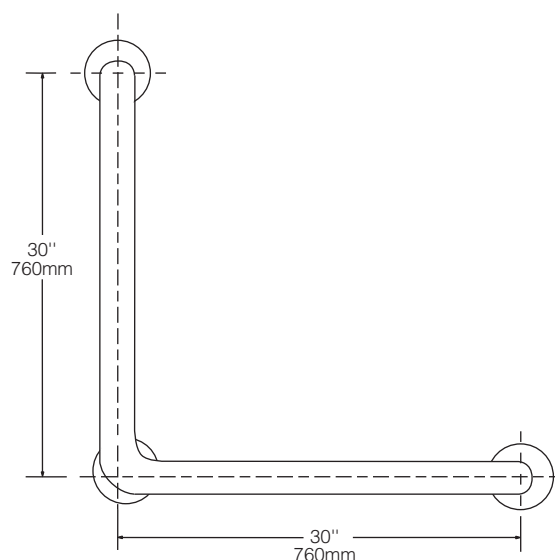
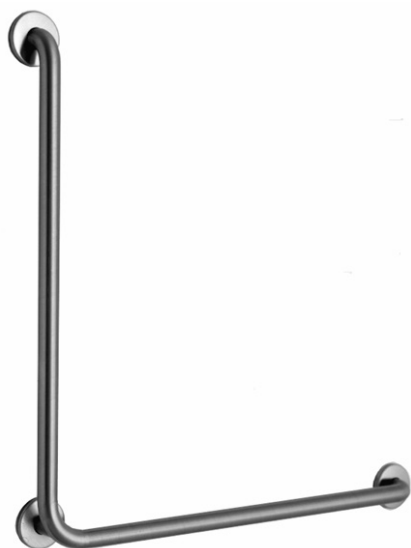
SPECIFICATION:

Grab bar shall be type-304 stainless steel with satin-finish. Grab bar shall have 18-gauge (1.2mm) wall thickness and 1-1/2" (38mm) outside diameter. Clearance between the grab bar and wall shall be 1-1/2" (38mm). Concealed mounting flanges shall be 11-gauge (3.2mm) thick stainless steel plate, 2" x 3-1/8" (50 x 80mm), and equipped with at least two screw holes for attachment to wall. Flange covers shall be 22 gauge (0.8mm), 3-1/4" (85mm) diameter x 1/2" (13mm) deep, and shall snap over mounting flange to conceal mounting screws and/or WingIt fasteners. Ends of grab bar shall pass through concealed mounting flanges and be heliarc welded to form one structural unit. Grab bar shall comply with accessible design (including ADAAG in the U.S.A.) for structural strength.

Grab Bar shall be Model _____ (insert model number) of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.

BOBRICK**Technical Data**

**1½" (38mm) DIAMETER
STAINLESS STEEL
30" x 30" (762 x 762mm)
90-DEGREE GRAB BAR**

B-6898.99**MATERIALS:**

Grab Bar — 18-8, type-304, 18-gauge (1.2mm) stainless steel tubing with satin-finish with peened grip. 1-1/2" (38mm) outside diameter. Ends are heliarc welded to flanges. Clearance between the grab bar and wall is 1-1/2" (38mm).

Concealed Mounting Flanges — 18-8, type-304, 1/8" (3mm) thick, stainless steel plate; end flanges 2" x 3-1/8" (50 x 80mm) with two holes for attachment to wall. Intermediate flanges 2-5/8" x 3-1/8" (65 x 80mm) wide x 3-1/8" (80mm) diameter.

Snap Flange Covers — 18-8, type-304, 22-gauge (0.8mm) drawn stainless steel with satin-finish. 3-1/4" (85mm) diameter x 1/2" (13mm) deep. Each cover snaps over mounting flange to conceal mounting screws.

STRENGTH:

Bobrick grab bars that provide 1-1/2" (38mm) clearance from wall can support loads in excess of 900 pounds (408kg) if properly installed. Other grab bar configurations can support loads in excess of 250 pounds (113kg) if properly installed, complying with accessible design (including ADAAG in the U.S.A.) for structural strength

Safety Warning: Grab bars are no stronger than the anchors and walls to which they are attached and, therefore, must be firmly secured in order to support the loads for which they are intended. To avoid potential injury, the building owner or maintenance personnel should remove the grab bar from service if the grab bar is not adequately secured to wall or if there is any observed damage to the welds.

continued . . .

INSTALLATION:

Provide concealed anchor device or backing as specified or required in accordance with local building codes before wall is finished. Fasten concealed mounting flanges to anchor device or backing with two screws in each flange. Snap flange covers over each mounting flange to conceal mounting screws. Concealed anchor devices and mounting screws are not included with Bobrick grab bars and must be specified as an accessory.

For Grab Bars with an Intermediate Flange(s), Pull Snap-Flange Covers away from mounting flanges. Place grab bar in desired mounting location. Use intermediate flange as a template to mark location of mounting screws at intermediate flange only. Mark screw locations at the center of the slot in the middle of the double-keyhole shaped mounting holes (2) in the intermediate flange. Remove grab bar from wall. Drive the intermediate flange mounting screws into wall at marked locations. **Note:** Make sure to leave a space of just over 1/8" (3.17mm) between the underside of the screw head and the wall. Install grab bar on the wall by placing the round ends of the intermediate flange double-keyhole shaped mounting holes over the mounting screws (2) are located in the middle of the flange slots. Install the mounting screws into the wall at the end flanges and secure tightly. Tighten the mounting screws at the intermediate flange. Press all snap-flange covers into place to conceal mounting flanges.

Note: Recommend use of 1/4" or #14 sheet metal or wood screws to install Intermediate Flange. #12 screws may also be used.

Important Notes:

1. **Mounting Kits** — Bobrick offers a mounting kit for installing grab bars; **one Bobrick mounting kit is required for each flange.**

Mounting Kit No.	Description
252-30	Consists of #14 x 2½" type-304 stainless steel, Phillips round-head, sheet-metal screws.

2. **Grab Bar Fastener** — Bobrick offers a grab bar fastening system that secures all Bobrick grab bar series; **one Bobrick fastener is required for each flange.** Install grab bar without backing in wall requires minimum 5/8" (16mm) thick painted or tiled drywall.

WingIt™ Fastener No.	Description
251-4	Consists of 10–32 x 5/16" round-head, Phillips 18/8 stainless steel screws. (1) WingIt grab bar fastener.

3. **Optional Anchor Device** — Bobrick grab bar anchor device includes stainless steel machine screws to be used for attaching grab bars to anchors. **one Bobrick concealed anchor device is required for each flange.**

Optional Anchor No.	Description
2583	Anchor for 3/4" to 1" (19-25mm) panel 1 anchor required for each flange.
2586	Anchor for 1/2" to 1" (13mm) panel 1 anchor required for each flange.

SPECIFICATION:

Grab bar shall be type-304 stainless steel with satin-finish with peened grip. Grab bar shall have 18-gauge (1.2mm) wall thickness and 1-1/2" (38mm) outside diameter. Clearance between the grab bar and wall shall be 1-1/2" (38mm). Concealed mounting flanges shall be 1/8" (3mm) thick stainless steel plate, 2" x 3-1/8" (50 x 80mm), and equipped with two screw holes for attachment to wall. Flange covers shall be 22 gauge (0.8mm), 3-1/4" (85mm) diameter x 1/2" (13mm) deep, and shall snap over mounting flange to conceal mounting screws and/or WingIt fasteners. Ends of grab bar shall pass through concealed mounting flanges and be heliarc welded to form one structural unit. Grab bar shall comply with accessible design (including ADAAG in the U.S.A.) for structural strength.

Grab Bar shall be Model B-6898.99 of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.

Stock #60054 - Foundations 100-SSE-R Recessed Special Needs Adult Changing Station



\$1,956.95

Foundations Brocar special needs extended heavy duty full stainless steel changing table with hygiene polystyrene changing surface. This is ideal for adult or physically challenged care facilities, schools, nursing homes and hospitals. Constructed of heavy-duty type 304 brushed stainless steel and rated to support a static load of 400 lbs. Dual pneumatic gas springs provide easy and safe open/close operation. Space-saving recessed model only projects 1" from wall when closed. Cushioned safety corners and safety strap.



- Brushed stainless steel construction
- Dual pneumatic gas spring open and close
- Extra long 62" space for special need adults
- Insulated polystyrene tray liner
- Rated for static load of 400 lbs
- Recessed model projects 1" from wall when closed
- Tray protrudes 21.75" from wall when open
- Cushioned safety corners
- Safety strap included

Features

Warranty:	5 Years
Weight:	165 pounds
Overall Dimensions:	64.75"Lx23.5"Wx4"H
Capacity:	400lbs
Orientation:	Horizontal

Shipping Details

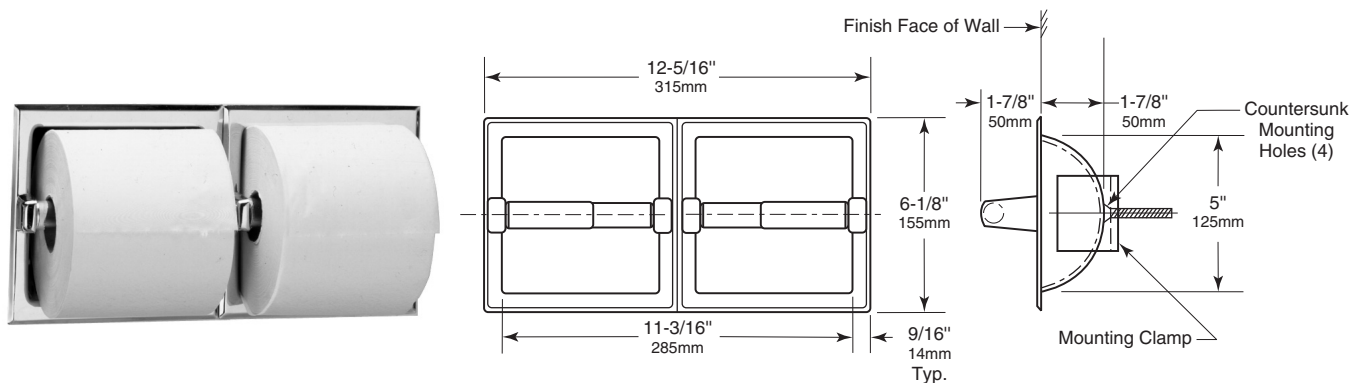
Normal Ship Time:	Approx. 3 days to 5 days
Please add 2-5 business days for transit time	

Technical Data

RECESSED DUAL-ROLL TOILET TISSUE DISPENSER (FOR STUD WALLS OR COUNTERTOP APRONS)

B-697
B-6977

Specify Model Required: ☐ Model B-697 Bright polished stainless steel
☐ Model B-6977 Satin-finish stainless steel



Rough Opening
11-3/4" (300mm) wide
5-1/4" (135mm) high
3-3/8" (85mm) minimum
recessed depth

MATERIALS:

Shell and Flange — 18-8, type-304, 22-gauge (0.8mm) stainless steel. Drawn, one-piece, seamless construction with four countersunk mounting holes.

Support Posts (4) — Heavy-duty cast zamak with chrome-plated finish.

Mounting Bracket — Plated-steel mounting clamp attaches to back of unit with four sheet-metal screws for installation in stud walls or countertop aprons.

Spindles (2) — Chrome-plated plastic equipped with heavy-duty internal springs.

Designer's Note: Theft-resistant toilet tissue spindles, which are removable only with special key provided, are available as an optional accessory. To specify, add suffix .60 to model number. Example: B-697.60.

INSTALLATION:

Provide framed rough opening 11-3/4" wide x 5-1/4" high (300 x 135mm). Minimum recessed depth required from finish face of wall or apron is 3-3/8" (85mm).

For installation in stud walls or countertop aprons without backing, loosely attach mounting clamp to back of unit with sheet-metal mounting screws. Insert into rough opening. Adjust mounting clamp so it grips surface inside rough opening. Secure in place by tightening four sheet-metal mounting screws.

For installation in stud walls or countertop aprons with backing, discard mounting clamp furnished with unit. Insert unit only into rough opening and secure with sheet-metal screws furnished. Backing must comply with local building codes.

SPECIFICATION:

Recessed dual-roll toilet tissue dispenser shall be type-304, 22-gauge (0.8mm) stainless steel with _____ (insert one: bright polished or satin) finish. Shell and flange shall be drawn, one-piece, seamless construction. Unit shall be furnished with plated-steel mounting clamp for stud walls and countertop aprons. *Spindles shall be chrome-plated plastic with heavy-duty internal springs.

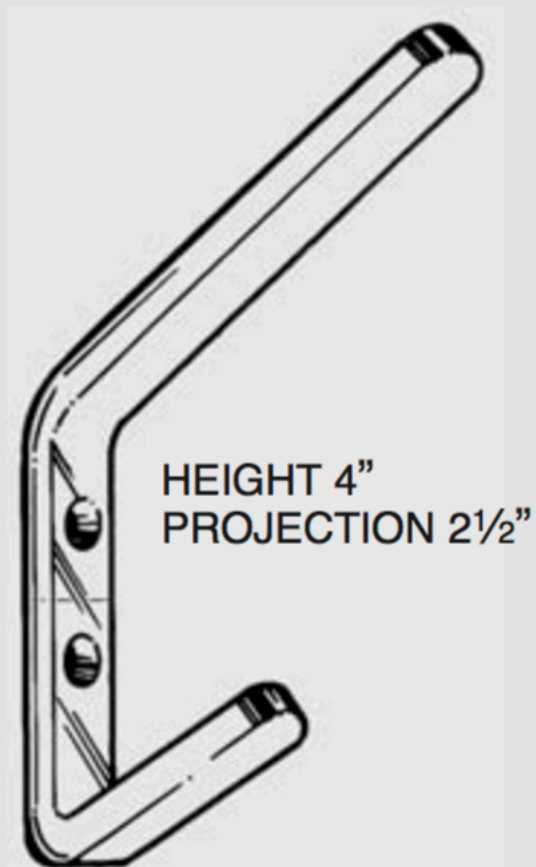
**To specify theft-resistant spindles as an optional accessory, add to specification:* Theft-resistant toilet tissue spindles shall be removable only with special key provided.

Recessed Dual-Roll Toilet Tissue Dispenser shall be Model _____ (insert model number) of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.

CBH 61

EQ-07

MATERIAL: $\frac{1}{4}$ " \times $\frac{1}{2}$ " BRASS, BRONZE,
ALUMINUM, & STAINLESS STEEL
FINISHES: ALL STANDARD

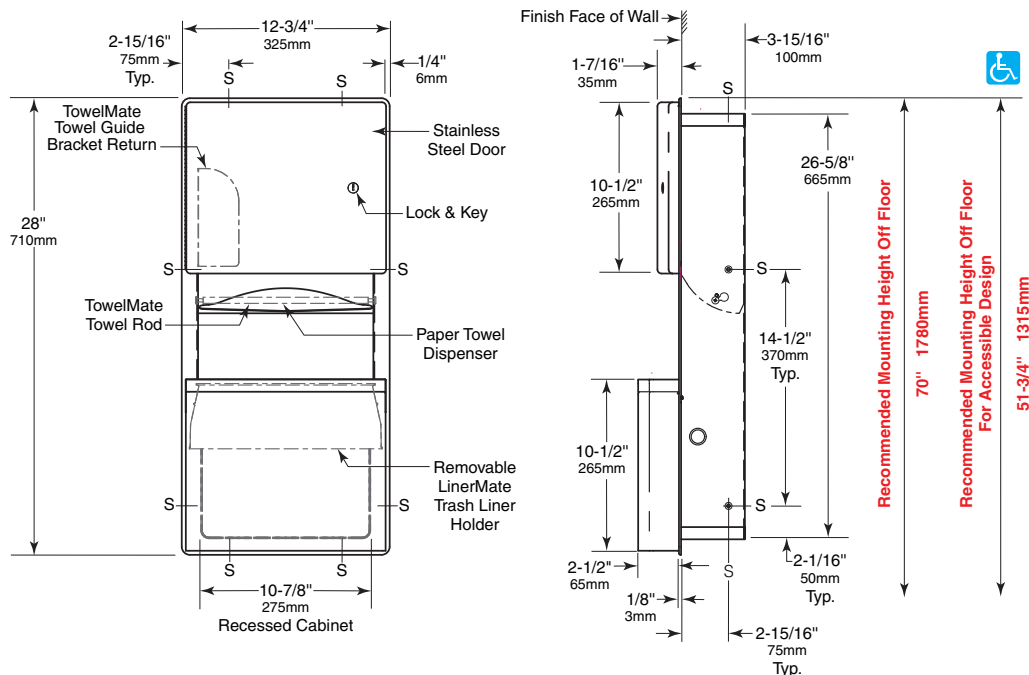




Technical Data

**ConturaSeries®
RECESSED
PAPER TOWEL DISPENSER
AND WASTE RECEPTACLE**

B-4369



**Rough Wall Opening
11-3/8" (290mm) wide
26-5/8" (675mm) high
4" (100mm) minimum
recessed depth**

MATERIALS:

Cabinet — 18-8, type-304, 22-gauge (0.8mm) stainless steel. All-welded construction. Exposed surfaces have satin-finish.

Flange — 18-8, type-304, 22-gauge (0.8mm) stainless steel with satin-finish. Drawn, one-piece, seamless construction. Radius on corners and return edges complement corners and edges of door and waste receptacle.

Door — 18-8, type-304, 22-gauge (0.8mm) stainless steel with satin-finish. Drawn, one-piece, seamless construction. Front of door has same degree of arc as front of waste receptacle and other Bobrick ConturaSeries washroom accessories. Radius on corners and edges of door match side edges of waste receptacle and other ConturaSeries accessories. Secured to cabinet with a full-length stainless steel piano-hinge. Equipped with a flush tumbler lock keyed like other Bobrick washroom accessories.

Paper Towel Dispenser — 18-8, type-304, 22-gauge (0.8mm) stainless steel with satin finish. Cabinet inside equipped with 90° return towel guide angle to prevent paper towels from falling forward out when door is opened for servicing. Rounded towel tray has hemmed opening to dispense paper towels without tearing. Unit equipped with TowelMate consisting of a 90° return towel guide angle inside cabinet to prevent paper towels from falling forward out when door is opened for servicing and a Nylon Rod across the center of the towel tray to dispense paper towels one at a time. Waste receptacle shall have a formed, one-piece, seamless, removable front panel with top edge hemmed. Capacity: 350 C-fold or 475 multifold paper towels.

TowelMate® Towel Rod Assembly — Consisting of a round Nylon Rod and (2) stainless steel Rod Screws for attachment, is field replaceable. Stainless steel Stop Screws (2) lock TowelMate Towel Rod assembly in place.

To retrofit TowelMate into existing installed units manufactured prior to April 2010 order TowelMate Accessory Bobrick Part No. 369-130.

continued . . .

Waste Receptacle — 18-8, type-304, 22-gauge (0.8mm) stainless steel with satin-finish. Formed, one-piece, seamless construction. Removable front panel has same degree of arc as front of door and other Bobrick ConturaSeries washroom accessories. Top edge hemmed for safe handling. Radius on side edges of waste receptacle match corners and edges of paper towel dispenser door and other ConturaSeries accessories. Secured to cabinet with two keyholes over studs on bottom and two tamper-resistant setscrews on top. Capacity: 3.0-gal. (11.3-L).

LinerMate® Trash Liner Holder — Unit equipped with LinerMate trash liner holder fabricated with molded plastic trash liner holder sleeve and a 20-gauge (0.91mm) stainless steel, U-shaped support strap; riveted construction. Trash liner holder shall have an arc at front and same shape as inside of waste receptacle area. LinerMate facilitates installation and removal of disposable trash liners and retains liner inside waste receptacle

To retrofit LinerMate into existing installed units manufactured prior to December 2009, order LinerMate Accessory Bobrick Part No. 4369-134.

OPERATION:

Paper towel dispenser will dispense C-fold or multifold paper towels without adjustment or use of adapters. Cable door-swing limiter prevents damage to washroom accessories and walls. Load paper in towel tray, and then pull one sheet of paper towel over the TowelMate towel rod and out to conceal rod and start dispense. To insert disposable trash liner, lift LinerMate bag holder up and forward and rest over edge of waste receptacle front panel with the bottom notches of LinerMate engaged on top front edge of receptacle. Place disposable trash liner inside LinerMate and fold disposable trash liner over LinerMate sleeve. Tie a knot in the corner of the disposable trash liner, then place LinerMate with disposable trash liner back into receptacle. To empty, gather disposable trash liner from LinerMate trash liner holder sleeve and lift bag up. Front of waste receptacle panel is removable for cleaning cabinet interior.

INSTALLATION:

Provide framed rough wall opening 11-3/8" wide x 26-5/8" high (290 x 675mm). Minimum recessed depth required to finish face of wall is 4" (102mm). Allow clearance for construction features that may protrude into rough wall opening from opposite wall. Coordinate with mechanical engineer to avoid pipes, vents, and conduits. If unit projects above top of wainscot, provide aluminum channel or other filler to eliminate gap between flange and finish face of wall. Mount unit in wall opening with shims between framing and cabinet at all points indicated by an S, then secure unit with #8 x 1-1/4" (4.2 x 32mm) screws (not furnished).

SPECIFICATION:

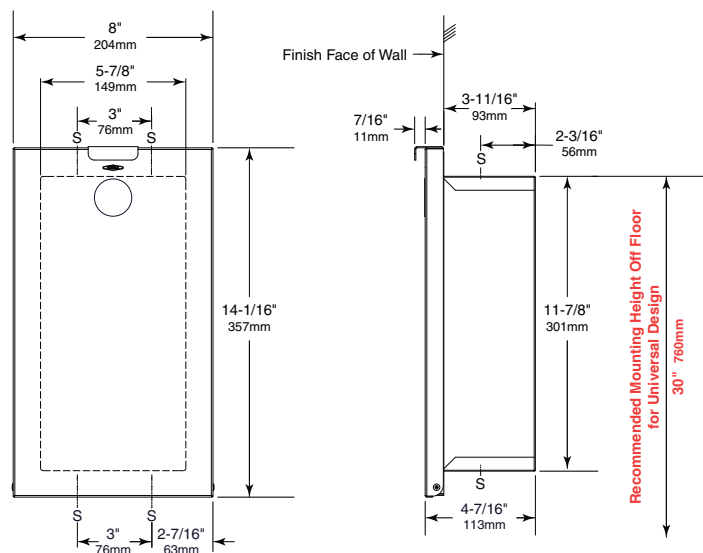
Recessed paper towel dispenser and waste receptacle shall be type-304 stainless steel with all-welded construction; exposed surfaces shall have satin-finish. Front of paper towel dispenser door and waste receptacle shall have same degree of arc and match other Bobrick ConturaSeries accessories in the washroom. Radius on corners and edges of flange, door, and waste receptacle shall complement other Bobrick ConturaSeries washroom accessories. Flange shall be drawn, one-piece, seamless construction. Paper towel dispenser door shall be drawn, one-piece, seamless construction; secured to cabinet with a full length stainless steel piano-hinge; and equipped with a flush tumbler lock keyed like other Bobrick washroom accessories. Paper towel dispenser shall dispense 350 C-fold or 475 multifold paper towels. Unit equipped with TowelMate consisting of a 90° return towel guide angle inside cabinet to prevent paper towels from falling forward out when door is opened for servicing and a Nylon Rod across the center of the towel tray to dispense paper towels one at a time. Waste receptacle shall have a formed, one-piece, seamless, removable front panel with top edge hemmed. Unit equipped with LinerMate trash liner holder fabricated with molded plastic trash liner holder sleeve and a 20-gauge (0.91mm) stainless steel, U-shaped support strap; riveted construction. Trash liner holder shall have an arc at front and same shape as inside of waste receptacle area. LinerMate facilitates installation and removal of disposable trash liners and retains liner inside waste receptacle. Capacity of waste receptacle shall be 3.0-gal. (11.3-L).

Recessed Paper Towel Dispenser And Waste Receptacle shall be Model B-4369 of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.



TrimLineSeries™ RECESSED SANITARY NAPKIN DISPOSAL

B-3513



Rough Wall Opening
6-3/8" (162mm) wide
12-3/8" (314mm) high
3-3/4" (95mm) min depth

MATERIALS:

Cabinet — 18-8, Type-304, heavy-gauge stainless steel. All-welded construction. Exposed surfaces have satin-finish.

Door — 18-8, Type-304, 20-gauge (0.9mm) stainless steel with satin-finish. Secured to cabinet with two rivets and equipped with a magnet catch.

Waste Receptacle — 18-8, Type-304, heavy-gauge stainless steel. All-welded construction. Removable for servicing. Capacity: 0.6-gal. (2.3-L).

OPERATION:

To service waste receptacle, unlatch door and remove waste container. Cable door-swing limiter prevents damage to washroom accessories and walls.

INSTALLATION:

Provide framed rough wall opening 6-3/8" wide x 12-3/8" high (162 x 314mm). Minimum recessed depth required from finish face of wall is 3-3/4" (95mm). Allow clearance for construction features that may protrude into rough wall opening from opposite wall. Coordinate with mechanical engineer to avoid pipes, vents, and conduits in wall. Mount cabinet with shims between framing and cabinet at all points indicated by an S, then secure unit with (4) #10 x 1-1/4" (4.8 x 32mm) sheet-metal screws (not furnished).

Replacement Parts:

Skirt Replacement Kit	35139-53
Waste Receptacle Replacement	35139-78
International Label	3533-44

SPECIFICATION:

Recessed sanitary napkin disposal shall be Type-304 stainless steel with all-welded construction; exposed surfaces shall have satin finish. Door shall be Type-304, 20-gauge (0.9mm) stainless steel with satin-finish. Secured to cabinet with two rivets and equipped with a magnet catch and cable door-swing limiter. Waste receptacle shall be Type-304, heavy-gauge stainless steel. All-welded construction with a capacity of 0.6-gal. (2.3-L).

Recessed Sanitary Napkin Disposal shall be Model B-3513 of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.

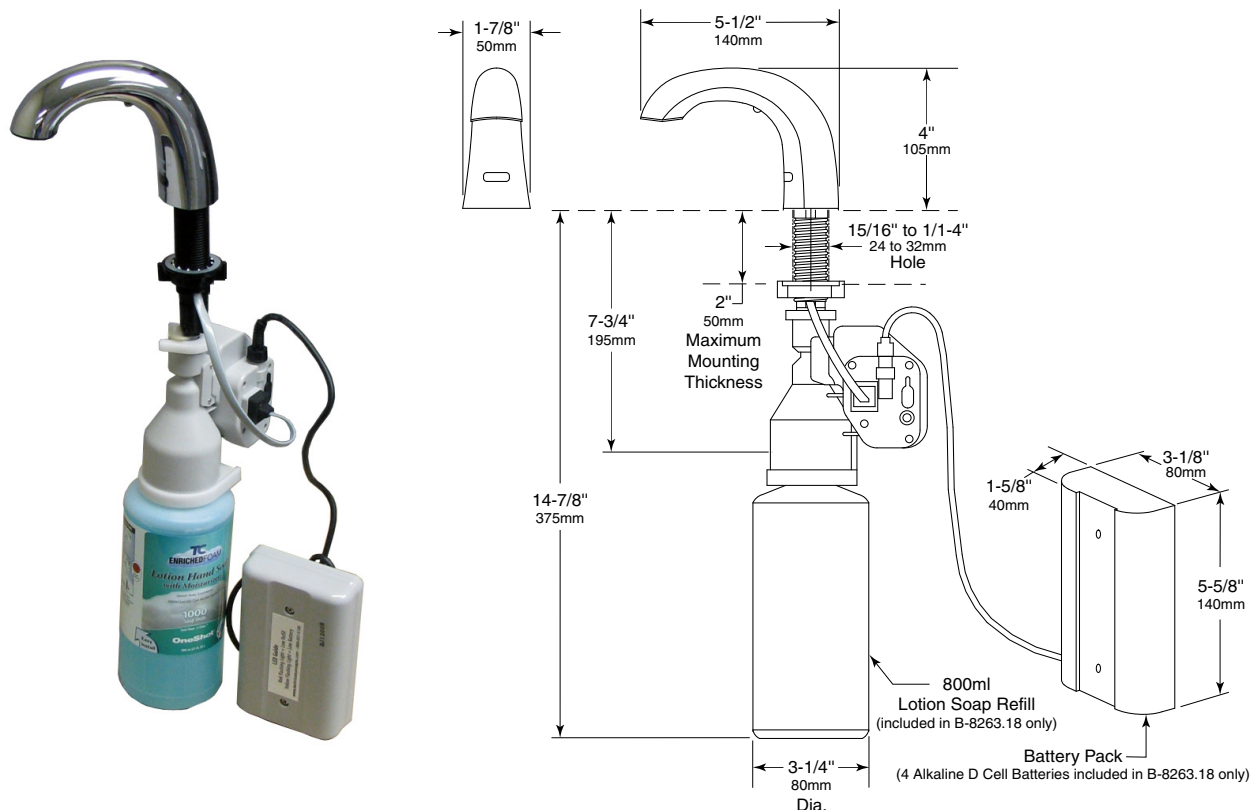


AUTOMATIC LAVATORY-MOUNTED FOAM SOAP DISPENSER

B-8263 B-8263.18

Specify Model Required:

- ☐ Model B-8263 Automatic Lavatory-Mounted Soap Dispenser
☐ Model B-8263.18 Starter Kit. Includes B-8263 Soap Dispenser, an 800ml lotion soap refill, 4 Alkaline D Cell Batteries



MATERIALS:

Spout Cover Assembly — Bright Polished chrome plated plastic with LED light indicators. Red blinking LED indicates soap level is low, Yellow blinking LED indicates battery life is low. Equipped with integral plastic shank.

Motor Assembly — Water resistant, plastic construction, fits onto bottom of shank and top of soap refill.

Battery Pack — Water resistant, plastic material, holds 4 Alkaline "D" Cell Batteries. Batteries are included in Model B-8263.18 Starter Kit only. Average battery life is 90,000 cycles or 2 years.

Soap Refill — OneShot® Soap Refill. Translucent, shatter-resistant polyethylene bottle. Includes new supply tube and pump mechanism in each refill. Soap refill available in 27-fl oz (800ml) and 54-fl oz (1600ml) capacities. One 27-fl oz (800ml) bottle of Lotion Hand Soap with Moisturizers is included in Model B-8263.18 only. OneShot® is a registered trademark of Rubbermaid Commercial Products.

Optional Spacer — Plastic spacer is included for mounting dispenser when sink rim is 3/4" (19mm) high or greater.

OPERATION:

Place hand under soap spout for approximately 2 seconds. Spout will dispense controlled amount (0.8ml) of Lotion Hand Soap with Moisturizers or Free n'Clean Soap. 27-fl oz (800ml) soap refill provides 1000 hand washes, the 54 fl oz (1600ml) soap refill provides 2000 hand washes. Motor assembly is preset for 27-fl oz (800ml) soap refill (if 54-fl oz (1600ml) is used, a switch under the rubber plug next to red reset button must be moved to 2K). Once a new soap refill is connected, pressing the red reset button automatically resets the low soap indicator LED and primes the new soap refill.

continued . . .

INSTALLATION:

Unit is designed for installation in 15/16" to 1-1/4" (24 to 32mm) diameter hole in porcelain-enameled steel, cast iron or vitreous-china lavatories, as well as in countertops adjacent to lavatories. Unit may be mounted in unused faucet hole or through special hole requisitioned when lavatory is ordered from manufacturer (specify punching location). Shank accommodates maximum 2" (50mm) mounting thickness. Clearance required for soap refill bottle and motor housing is 5" (125mm) for the 27-fl oz (800ml) soap refill and 5-1/2" (140mm) diameter for 54-fl oz (1600ml) soap refill and 11-5/8" (295mm) minimum depth for height of 27-fl oz of soap refill bottle and motor housing and 13-5/8" (345mm) minimum depth for height of 54-fl oz. (1600ml) soap refill bottle and motor housing. Place 4 "D" Cell Batteries (included in Model B-8263.18 only) into battery pack. An optional single 6V AC adapter to replace the battery pack is available, order Part No. 826-20.

	27-fl oz. 800ml	54-fl oz. 1600ml
Diameter of Bottle and Motor	5" 125mm	5-1/2" 140mm
Clearance Below Counter	11-5/8" 295mm	13-5/8" 345mm

SPECIFICATION:

Automatic Lavatory-Mounted Foam Soap Dispenser shall dispense controlled amount (0.8ml) of Lotion Hand Soap with Moisturizers or Free n'Clean Soap or Lotion Hand Soap. Spout cover assembly to be Bright Polished chrome plated plastic. Meets accessible design standards. Unit shall have blinking LED indicators to show low soap level and low battery life. Shank shall accommodate mounting thicknesses up to 2" (50mm). Translucent, shatter-resistant polyethylene soap refill (800ml soap refill included in model B-8263.18 only) shall have capacities of 27-fl oz (800ml) or 54-fl oz (1600ml).

Automatic Lavatory-Mounted Foam Soap Dispenser shall be Model B-8263 of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.

CBH 62

EQ-15

MATERIAL: $\frac{1}{4}$ " \times $\frac{1}{2}$ " BRASS, BRONZE,
ALUMINUM, & STAINLESS STEEL

FINISHES: ALL STANDARD



HEIGHT $2\frac{5}{8}$ "
PROJECTION $1\frac{7}{8}$ "

Your current region is Ontario. If this is incorrect, please modify your region. ✕



Contemporary Metal Hook - 1293

The modern lines of this fusion hook will make the right statement on any surface. A clean and crisp detail for your contemporary space.

Finish_ Select an option ▲



Brushed
Nickel

Chrome

Our Divisions_ Select an option ▲

Richelieu

Nystrom

Product number ▼

To buy, choose a *Finish* option or select a product number

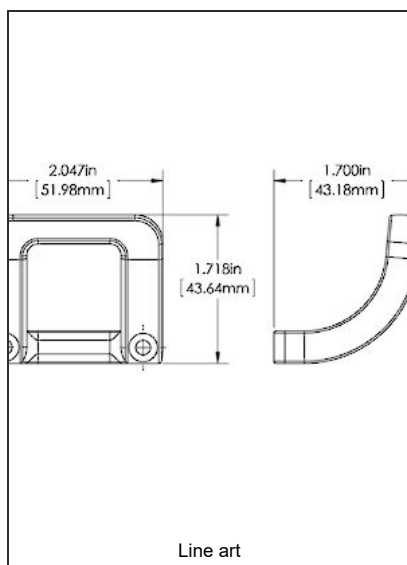


<u>Product number</u>	<u>Finish</u>	<u>Our Divisions</u>
<u>RH1293011195</u>	Brushed Nickel	Richelieu
<u>RH1293011140</u>	Chrome	Richelieu
<u>NH1293011140</u>	Chrome	Nystrom

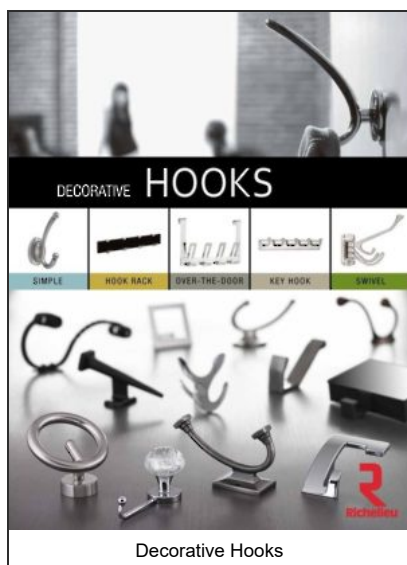
TECHNICAL SPECIFICATIONS

Hook Style	Contemporary
Material	Metal
Height - Overall Dimensions	43.64 mm
Projection - Overall Dimensions	43.18 mm
Width - Overall Dimensions	51.98 mm
Screw/Nail	Included
Hook Model	Simple
Color Group	Gray and Chrome Group
Suggested Price	From \$10.00 to \$15.00

RELATED DOCUMENTS



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KOHLER®

Highline® Elongated Toilet Bowl K-4405

Features

- Vitreous china.
- Elongated bowl.
- 10" (254 mm) or 12" (305 mm) rough-in.
- 1-1/2" top spud.
- 2-1/4" (57 mm) passageway.
- 11" (279 mm) x 9" (229 mm) water area.
- 1.28 gpf (4.8 lpf) or 1.6 gpf (6.0 lpf) depending on flushometer specified.
- 28-1/4" (718 mm) x 14-7/8" (378 mm) x 17-1/8" (435 mm).

Optional Accessories

K-13516 Manual 1.6 GPF WC Flushometer
 K-13517 Manual 1.28 GPF WC Flushometer
 K-10673-SV WAVE DC 1.28 GPF WC Flushometer
 K-10956-SV Tripoint™ DC 1.28 GPF WC Flushometer
 K-10957-SV Tripoint™ DC 1.6 GPF WC Flushometer
 K-4654-A Commercial Toilet Seat
 K-4670-CA Commercial Toilet Seat
 K-4731-C Commercial Heavy-duty Toilet Seat
 K-4731-SC Commercial Heavy-duty Toilet Seat
 K-10956 Tripoint™ DC 1.28 GPF WC Flushometer

Components

Additional included component/s: Spud, and Bolt cap accessory pack.



ADA

CSA B651

OBC

Codes/Standards





ASME A112.19.2/CSA B45.1
 DOE - Energy Policy Act 1992
 ADA
 ICC/ANSI A117.1
 CSA B651
 OBC

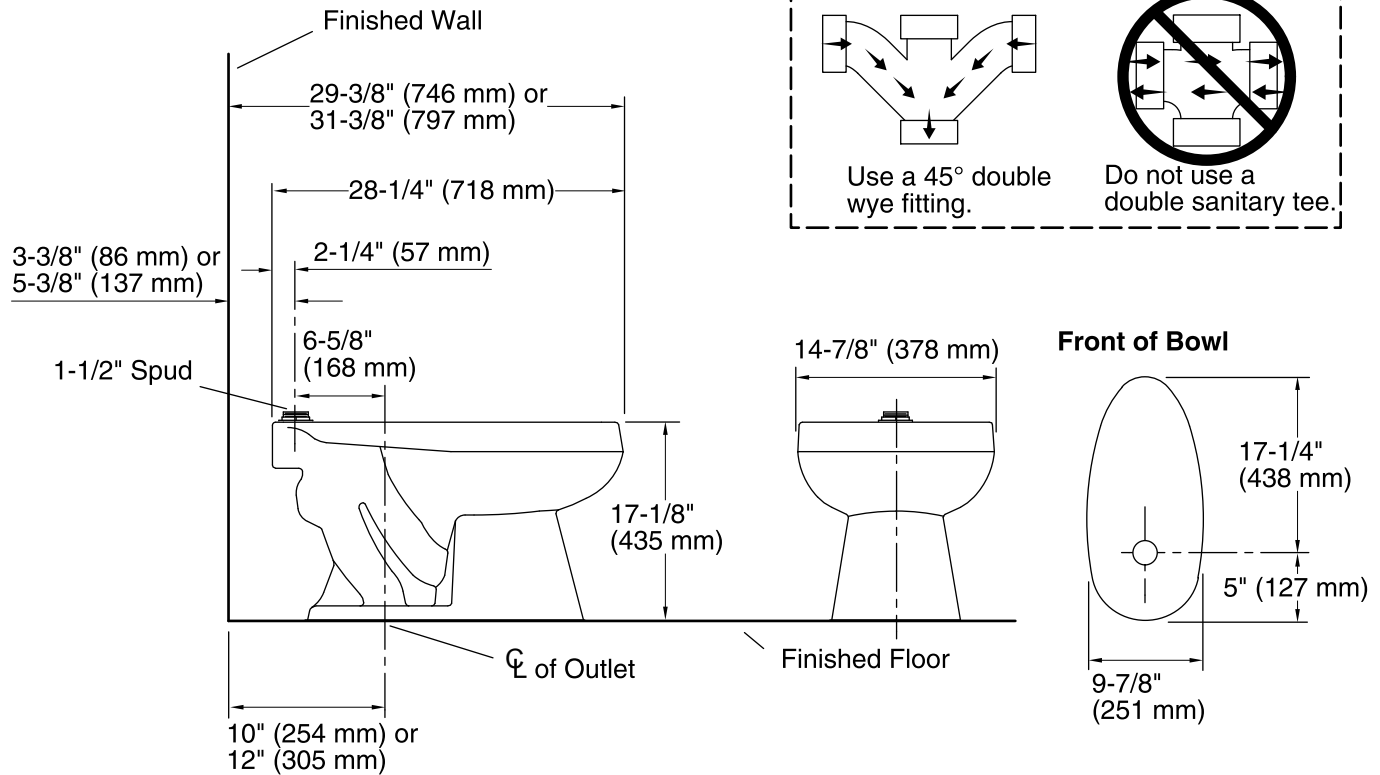
KOHLER® One-Year Limited Warranty

See website for detailed warranty information.

Available Color/Finishes

Color tiles intended for reference only.

Color	Code	Description
	0	White
	96	Biscuit
	47	Almond
	7	Black Black™



Technical Information

All product dimensions are nominal.

Toilet type:	Flushometer, Floor-mount
Waste Outlet:	Floor
Bowl shape:	Elongated front
Spud size:	1-1/2", Inlet, Top
Trap passageway:	2-1/4" (57 mm)
Water surface size:	11" x 9" (279 mm x 229 mm)
Rim to water surface:	6" (152 mm)
Rough-in:	10" or 12" (254 or 305 mm)
Seat-mounting holes:	5-1/2" (140 mm)

Fixture Supply Requirements

Min static pressure:	35 psi (241.3 kPa)
Max static pressure:	80 psi (551.6 kPa)
Min flowing pressure:	25 psi (172.4 kPa)
Min flow rate:	25 gpm (94.6 lpm)

Notes

Install this product according to the installation instructions.

For back-to-back toilet installations: Use only a 45° double wye fitting.

ADA, OBC, CSA B651 compliant when installed to the specific requirements of these regulations.

Plumbing Codes require elongated toilets and elongated, open-front toilet seats in public bathrooms.

Accessibility standards require controls to be located on the open side of the toilet.

American Standard

Style That Works Better



BARRIER FREE

MEZZO™ SEMI-COUNTERTOP SINK FIRECLAY

MEZZO™ SEMI - COUNTERTOP SINK

- Space saving design installs on a minimum countertop depth of 13"
- Made from fireclay china
- Rear overflow
- Recessed self-draining deck
- Barrier-free design
- Self rimming with sealant
- Cutout template and mounting kit provided (Faucet shown not included)

- ☐ **9960.803** Faucet holes on 8" (203mm) centers (illustrated)
- ☒ **9960.403** Faucet holes on 4" (102mm) centers
- ☐ **9960.001** Center hole only
- ☒ **9960.070** Center hole and hole for lotion dispenser

Nominal Dimensions:

22" (559mm) wide, 21-1/2" (546mm) deep

Bowl sizes:

19" (482mm) wide
15" (381mm) front to back
6-7/8" (175mm) deep

Soap Dispenser
(EQ-14) Integrated
in Sink

Fixture Dimensions conform to ANSI Standard A112.19.9M

Compliance Certifications -

Meets or Exceeds the Following Specifications:

- ASME A112.19.9M for Non-Vitreous Ceramic Fixtures
- CAN/CSA B45 series
- A1995 National Building Code, section 3.7 and CAN/CSA-B651-02 and OBC 3.8

To Be Specified:

- ☐ Color: ☐ White ☐ Bone ☐ Linen ☐ Black
- ☐ Faucet*:
- ☐ Faucet Finish:
- ☐ Supplies & Stops:
- ☐ Trap 1-1/4" (32 mm):

* See faucet section for additional models available



MEETS THE AMERICANS WITH DISABILITIES ACT GUIDELINES AND ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES - CHECK LOCAL CODES.

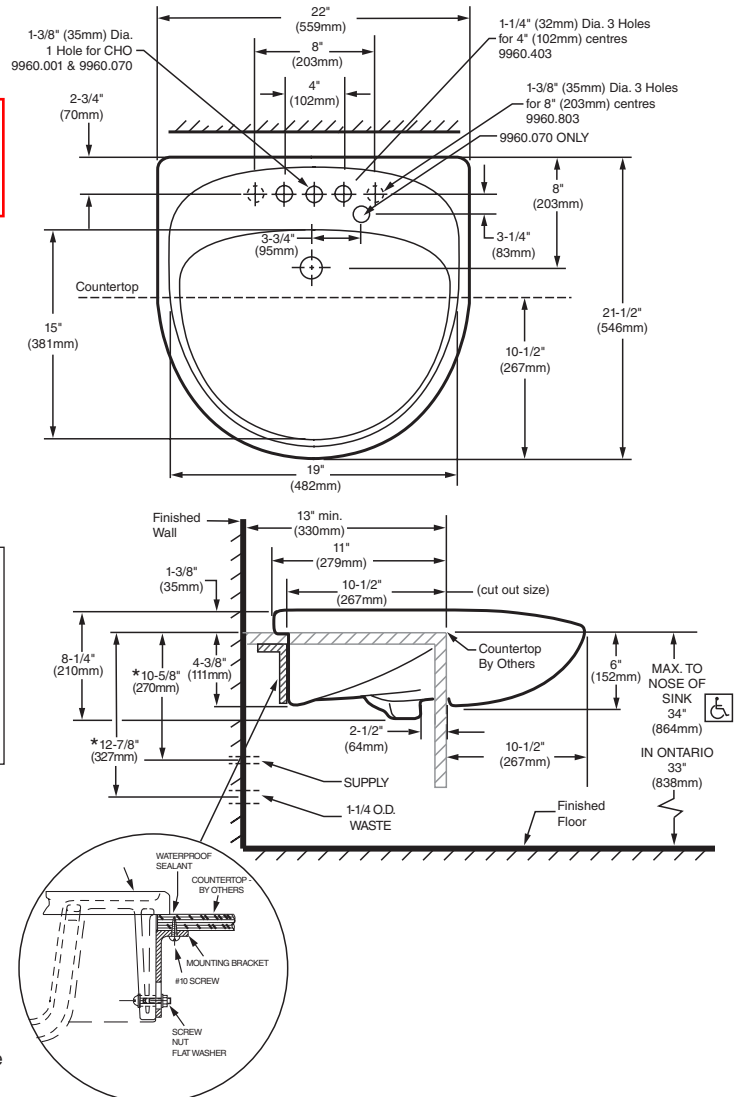
Top of front rim mounted 864mm (34") from finished floor.

NOTES:

* DIMENSIONS SHOWN FOR LOCATION OF SUPPLIES AND "P" TRAP ARE SUGGESTED.
FOR COUNTERTOP CUTOUT AND INSTALLATION INSTRUCTIONS USE TEMPLATE SUPPLIED WITH SINK.
FITTINGS NOT INCLUDED AND MUST BE ORDERED SEPARATELY.
INSTALLATION INSTRUCTIONS SUPPLIED WITH LAVATORY.

IMPORTANT: Dimensions of fixtures are nominal and may vary within the range of tolerances established by ANSI Standard A112.19.9M.

These measurements are subject to change or cancellation.
No responsibility is assumed for use of superseded or voided pages.





Strive
Under-Mount Apron-Front Kitchen Sink
K-5416
FX-03

Features

- 36-inch minimum base cabinet width.
- Large/medium bowls.
- 9-inch depth.
- Self-Trimming apron overlaps the cabinet face for easy installation and beautiful results.
- No faucet holes.
- Smart Divide® features a lower bowl divider that increases workspace and versatility.
- SilentShield® sound-absorption technology offers quieter performance.
- Rear drain increases workspace in the sink and storage space underneath.
- Includes installation hardware and a bottom basin rack.

Material

- Handcrafted from 16-gauge stainless steel.

Installation

- Under-mount apron-front.

Optional Accessories

K-6477 Sink Rack

Components

Product includes:

K-6476

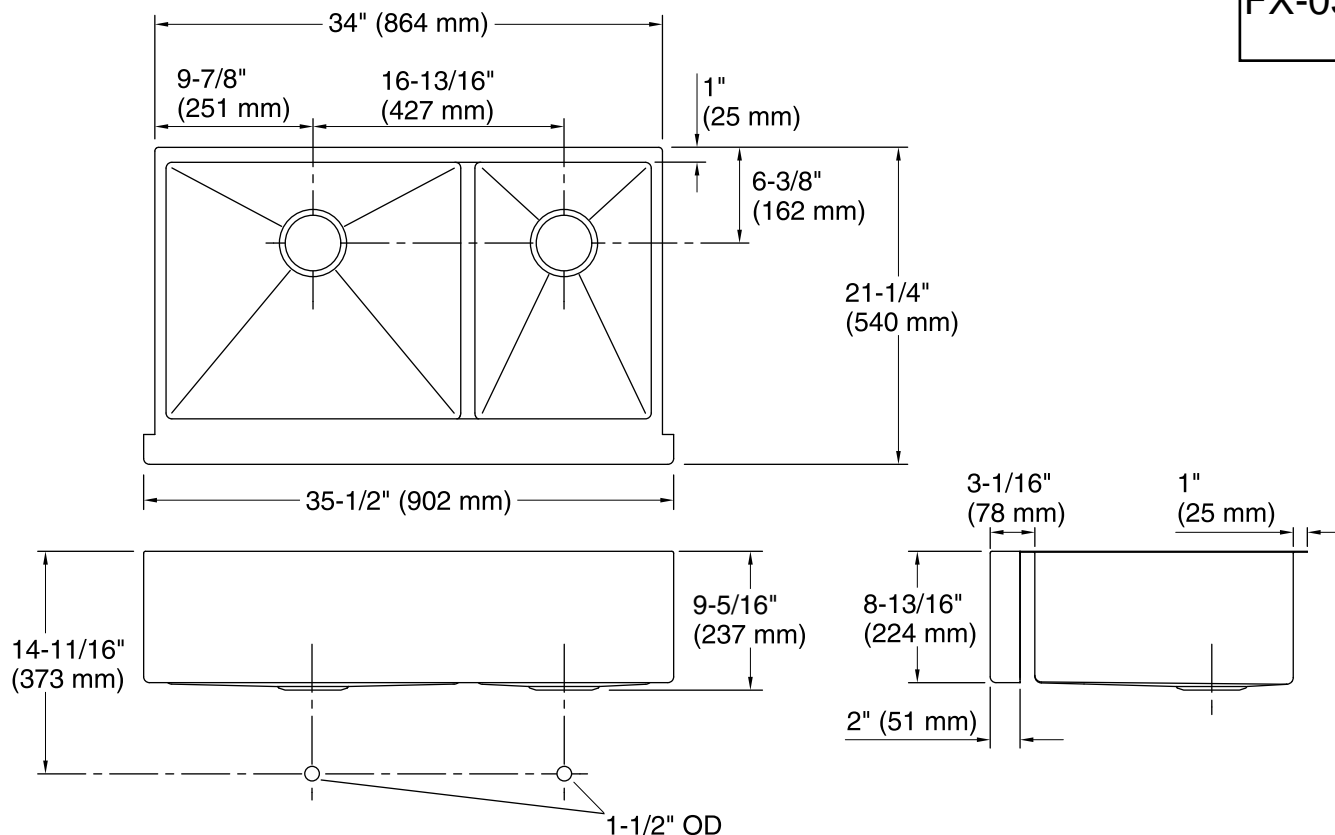


Codes/Standards

ASME A112.19.3/CSA B45.4

**Lifetime Limited Warranty for
KOHLER® Stainless Steel Sinks**

See website for detailed warranty information.



Technical Information

All product dimensions are nominal.

Bowl configuration: Offset

Installation: Under-mount

Bowl area (Left) Length: 19-11/16" (500 mm)

Width: 17-3/16" (437 mm)

Bowl depth: 9" (229 mm)

Water depth: 9" (229 mm)

Bowl area (Right) Length: 11-11/16" (297 mm)

Width: 17-3/16" (437 mm)

Bowl depth: 9" (229 mm)

Water depth: 9" (229 mm)

Drain hole: 3-3/4" (94 mm)

Template: 1224194-7, required, included

Notes

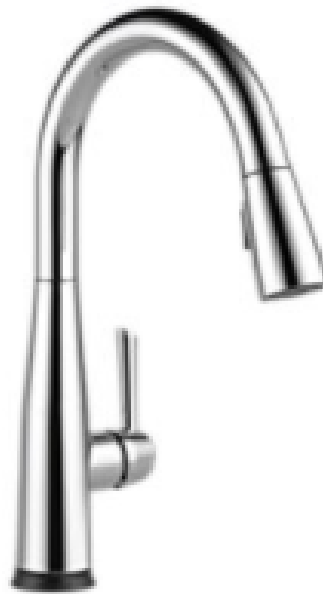
Install this product according to the installation instructions.

The 3/4" (19 mm) side rim flanges are supported without using the clip attachment. See the installation guide for further instructions.

FX-04

9113t-

DST3t-DST



Finish Shown:

Chrome



- ✓ With Touch2O Technology a simple touch anywhere on the spout or handle will start and stop the flow of water
- ✓ Helps keep your faucet cleaner, because washing the mess off your hands shouldn't involve making a mess of your faucet
- ✓ LED light signals blue when touch mode is active and flash red when batteries are running low
- ✓ Automatic water flow shut-off after four minutes helps conserve water
- ✓ Integrated TempSense LED light shows water temperature, changing from blue to magenta to red as temperature increases
- ✓ Battery operated (6 AA included) for up to 2 year battery life or 6 C (not included) for up to 5 year battery life
- ✓ Intuitive Touch2O Technology can sense the difference between a touch and a grab, reducing the chances of false activation
- ✓ Optional A/C adapter EP73954 may be ordered separately
- ✓ MagnaTite Docking uses a powerful integrated magnet to snap your faucet spray wand precisely into place and hold it there so it stays docked when not in use and doesn't droop over time
- ✓ Soft, rubber Touch-Clean spray holes allow you to easily wipe away calcium and lime build-up with the touch of a finger
- ✓ DIAMOND Seal Technology is less hassle to install and helps your faucet perform like new for life, reducing leak points and lasting twice as long as the industry standard
- ✓ Everything you need is together in one convenient box, including integrated InnoFlex PEX supply lines
- ✓ 1 or 3-hole 8" installation
- ✓ Optional escutcheon included for use with additional mounting configurations and a cohesive look
- ✓ ADA Compliant
- ✓ High-arc pull-down swivels 360degrees
- ✓ 1.80 gpm @ 60 psi, 6.8 L/min @ 414 kPa
- ✓ [Delta Electronic Faucet Limited Warranty](#)

FX-04



KITCHEN FAUCETS

- Essa™ Collection
- Single Handle Pull-Down

FEATURES:

- DIAMOND Seal® Technology
- MagnaTite® Magnetic Docking
- Touch-Clean® Sprayhead

STANDARD SPECIFICATIONS:

- 1.8 gpm @ 60 PSI, 6.8 L/Min @ 414 kPa
- One or three hole mount (Escutcheon included with kitchen models. For prep models, order separately)
- Diamond coated ceramic cartridge
- 3/8" O.D. straight, staggered pex supply lines
- Spout rotates 360°
- Red/Blue indicator markings
- Two-function wand; Aerated stream or spray
- Dual integral check valves in sprayer

WARRANTY

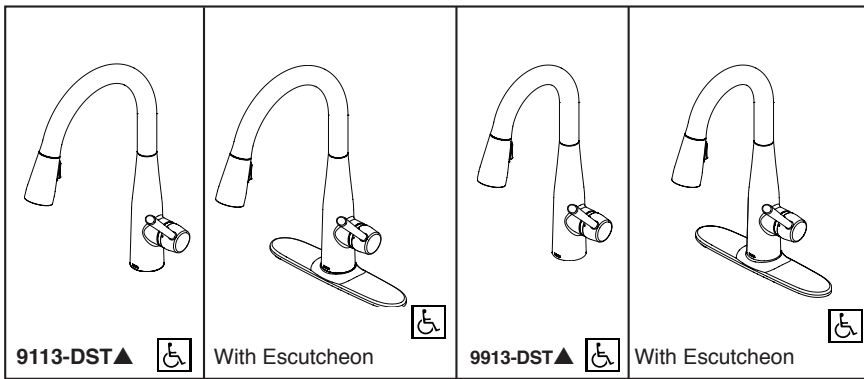
- Lifetime limited warranty on parts (other than electronic parts and batteries) and finishes: or, for commercial users, for 5 years from date of purchase.
- 5 year limited warranty on electronic parts (other than batteries); or, for commercial users, for 1 year from the date of purchase. No warranty is provided on batteries.

COMPLIES WITH:

- ASME A112.18.1 / CSA B125.1
- ASME A112.18.6
- Indicates compliance to ICC/ANSI A117.1
- Verified compliant with .25% weighted average Pb content regulations.

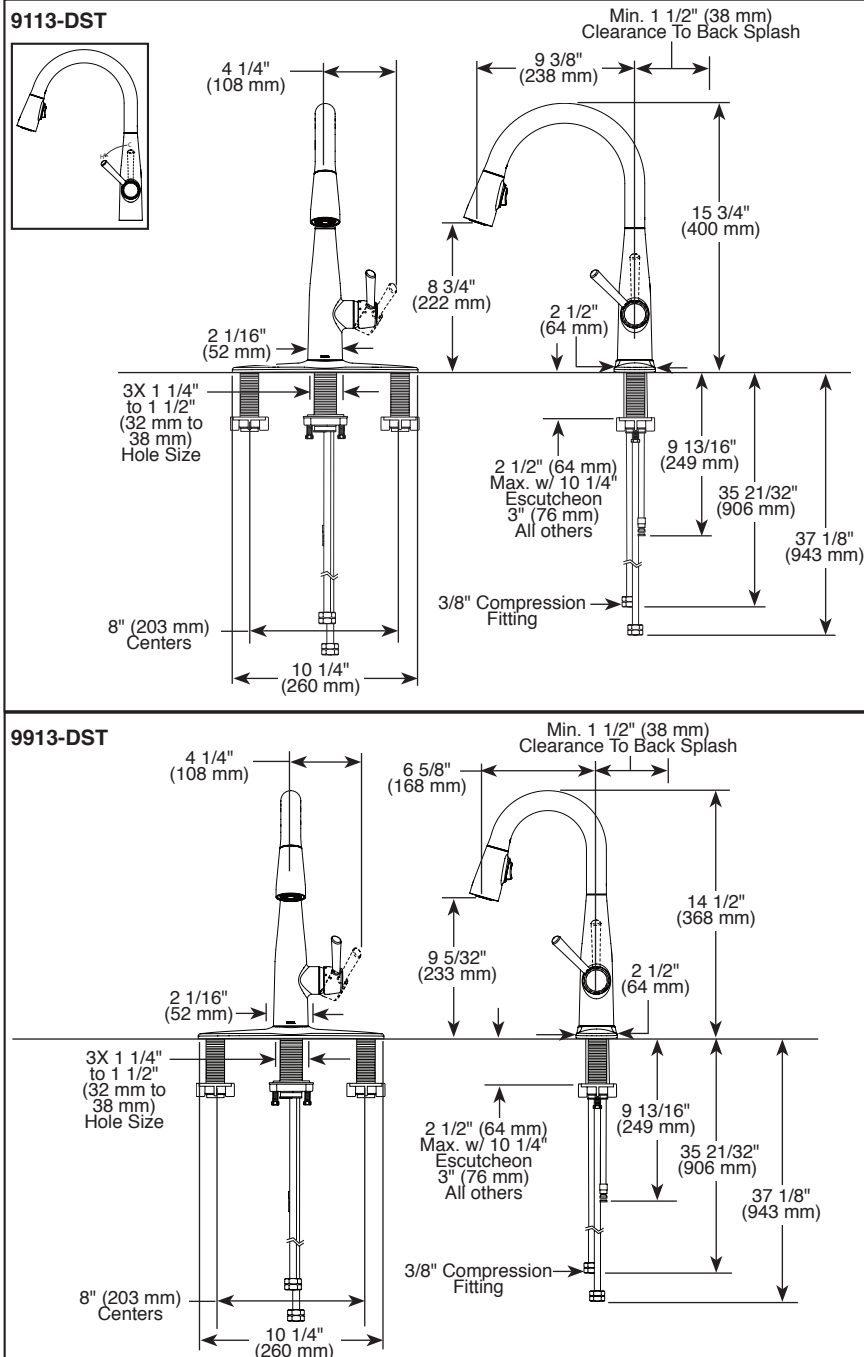


55 E 111th Street, Indianapolis, Indiana 46280
350 South Edgeware Road, St. Thomas, ON N5P 4L1
© 2014 Masco Corporation of Indiana



Submitted Model No.: _____

Specific Features: _____



▲ Designate proper finish suffix

Delta reserves the right (1) to make changes in specifications and materials, and (2) to change or discontinue models, both without notice or obligation. Dimensions are for reference only. See current full-line price book or www.deltafaucet.com for finish options and product availability.

DSP-K-9113-DST Rev. A

Features

- Brass construction.
- For sink installations with 3-1/2" (89 mm) or 4" (102 mm) outlet.
- Removable basket strainer with open/close stopper.
- Tailpiece included.



Codes/Standards





ASME A112.18.3

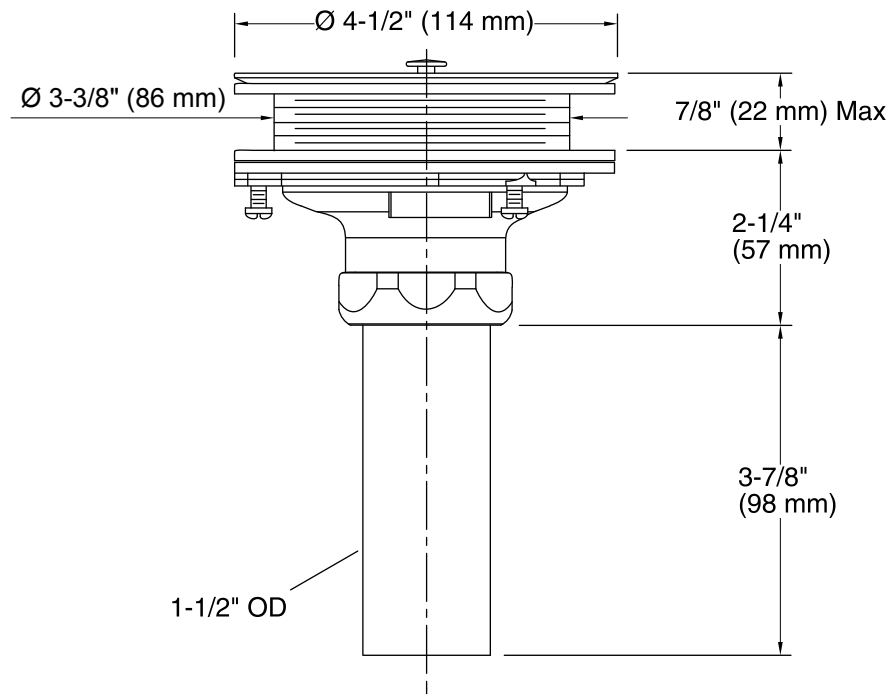
KOHLER® One-Year Limited Warranty

See website for detailed warranty information.

Available Color/Finishes

Color tiles intended for reference only.

Color	Code	Description
	CP	Polished Chrome
	SN	Vibrant® Polished Nickel
	PB	Vibrant® Polished Brass
	G	Brushed Chrome
	BN	Vibrant® Brushed Nickel
	VS	Vibrant® Stainless
	BV	Vibrant® Brushed Bronze
	2BZ	Oil-Rubbed Bronze



Technical Information

All product dimensions are nominal.

Notes

Install this product according to the installation guide.

- ☐ 4313DNX
- ☐ 4313DNX-SO
- ☐ 4343DNX
- ☐ 4343DNX-SO
- ☐ 4383DNX
- ☐ 4383DNX-SO

Single Hole

Single Hole
with sealed overflow

4" Center

4" Center
with sealed overflow

8" Center

8" Center
with sealed overflow

Product Specs:

- Fine fire clay
- Rear overflow hole
- Single hole, 4" or 8" faucet center
- Mounting screws and cut-out template supplied
- Wall secured lavatory for countertop or vanity installation
- Back of sink is not glazed, follow spec drawing to be installed flush against back wall
- Faucet not included

Overall Dimensions:

645mm(W) x 555mm(D) x 175mm(H)

25 $\frac{3}{8}$ "(W) x 21 $\frac{7}{8}$ "(D) x 6 $\frac{7}{8}$ "(H)

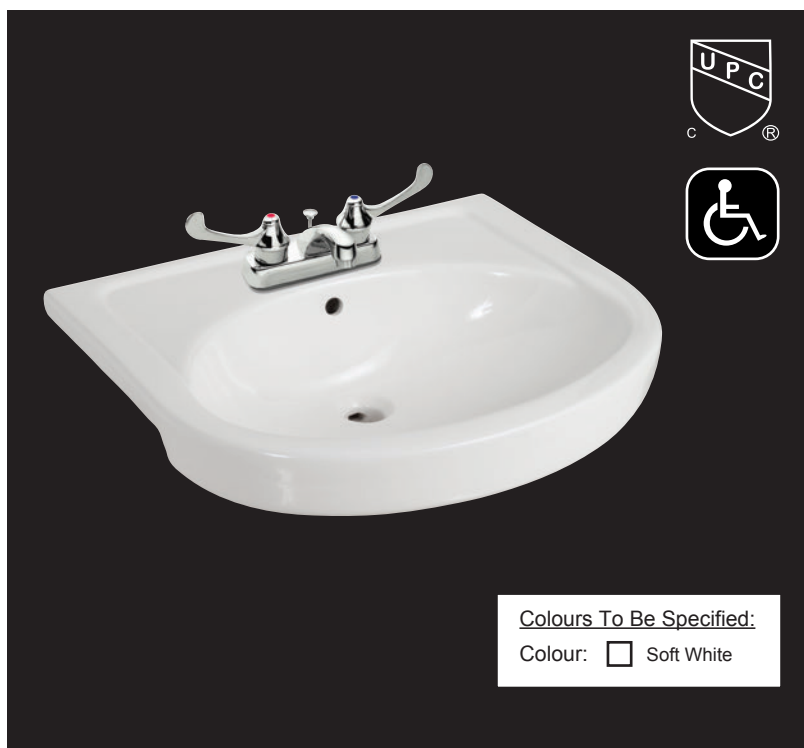
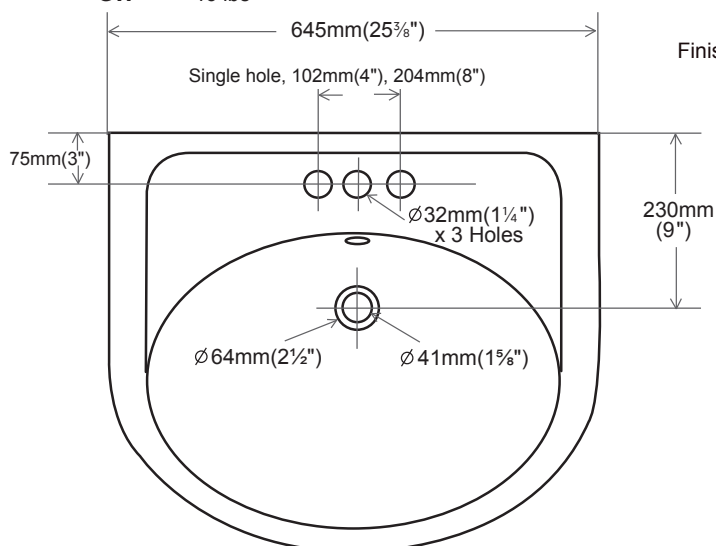
Compliance Certifications:

Meets or exceeds the following:

- IAPMO cUPC
- ASME A112.19.2 / CSA B45.1-2013
- ADA Guidelines & ANSI A117.1
- NBC and OBC Section 3.8 Barrier Free design and CSA B651 Standard.

Shipping:

Cube 2.82
GW 46 lbs



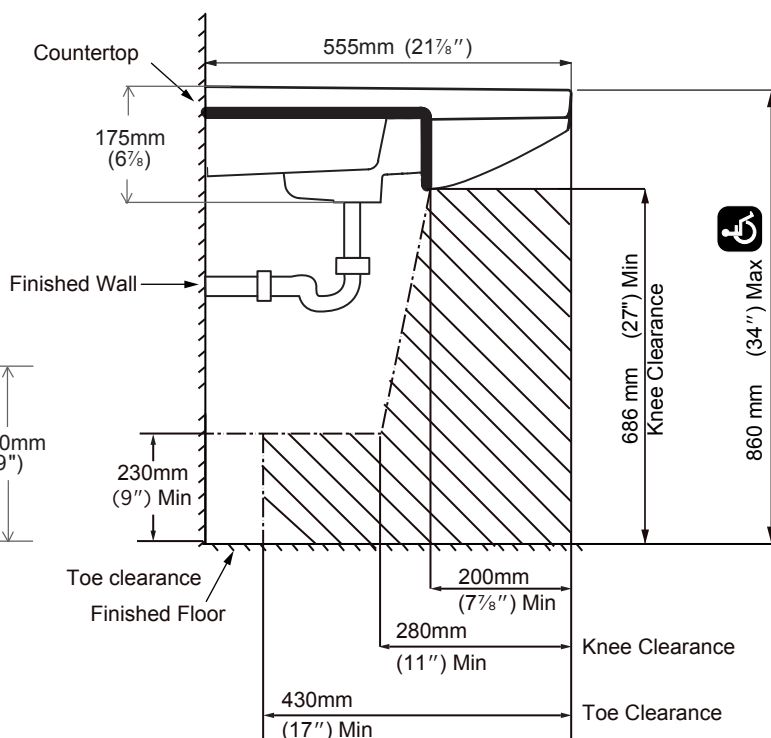
Colours To Be Specified:

Colour: ☐ Soft White

Notes:

Dimensions of fixtures are nominal and may vary within the range of tolerances established by ASME standard A112.19.2. These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided pages.

Products are designed to comply ADA/ANSI A117.1 Standard. It shall be the responsibility of the installer to comply with the local disability codes and standards prior to installing the product.





FX-07

Vault™

Top-mount/Under-mount Bar Sink
K-3840-1

Features

- 18-inch minimum base cabinet width.
- 18-gauge stainless steel.
- Top-mount or under-mount.
- Single bowl.
- 9-inch depth.
- Single faucet hole.
- Includes bottom bowl rack.
- Includes installation hardware.
- 15" (381 mm) x 15" (381 mm).

Optional Accessories

K-8801 Sink Strainer

1177161 Installation Clip Kit

Components

Product includes:

K-2993 Bar Sink Rack

Additional included component/s: Cut-out template, and Hardware kit – top-mount.



ADA

Codes/Standards

ASME A112.19.3/CSA B45.4

ADA

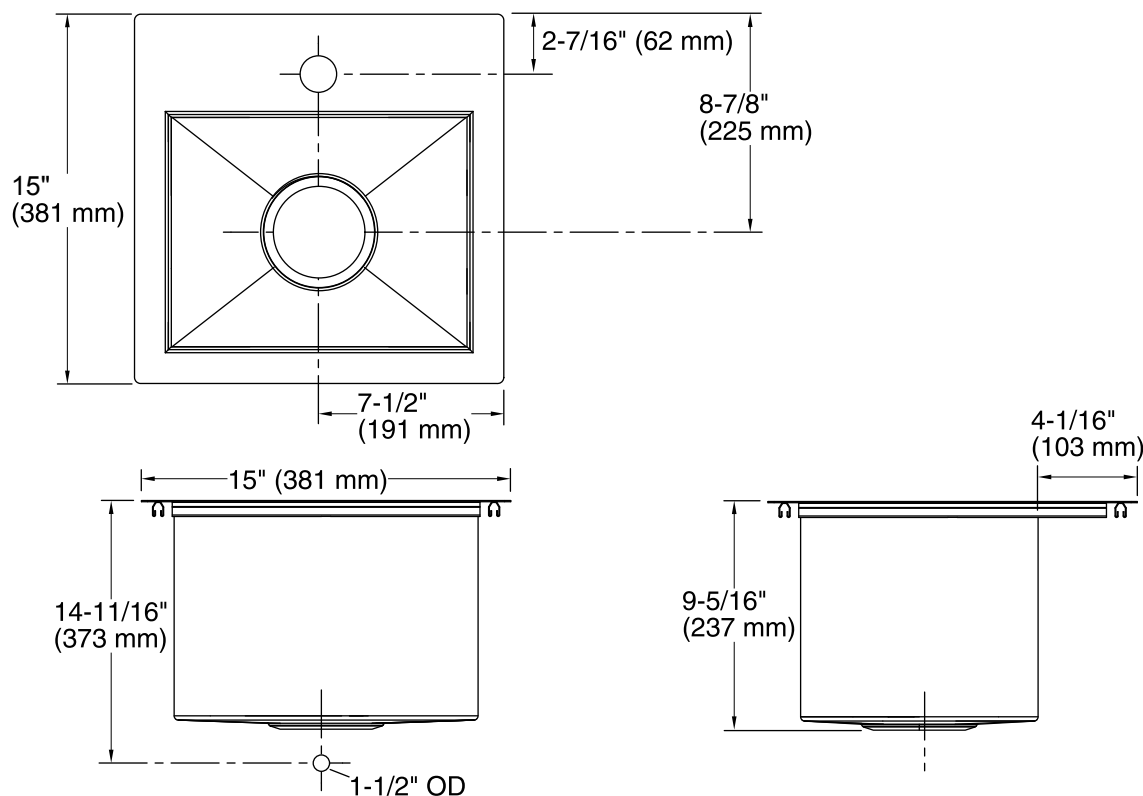
ICC/ANSI A117.1

CARB P2

Lifetime Limited Warranty for

KOHLER® Stainless Steel Sinks

See website for detailed warranty information.



Technical Information

All product dimensions are nominal.

Bowl configuration: Single

Installation: Top-mount, Under-mount

Bowl area (Only) Length: 12-1/4" (311 mm)
Width: 9-9/16" (243 mm)
Bowl depth: 9" (229 mm)

Number of deck holes: 1

Faucet hole(s): 1-7/16" (37 mm)

Drain hole: 3-5/8" (92 mm)

Template: 1161548-7, required, included

Notes

Install this product according to the installation instructions.

ADA compliant when installed to the specific requirements of these regulations.



PURIST®

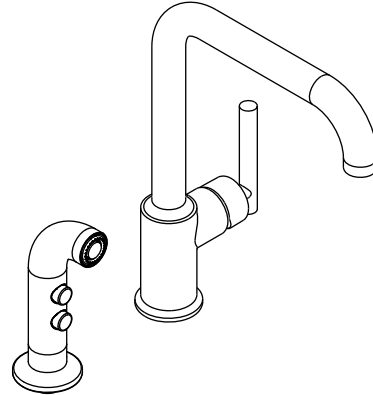
KITCHEN SINK FAUCET K-7507

ALSO K-7508, K-7509, K-7511

ADA

Features

- Metal construction
- One-piece, self-contained ceramic disc valve allows both volume and temperature control
- Temperature memory allows faucet to be turned on and off at any temperature setting
- Flexible connections for easy installation
- Available with or without matching finish sidespray
- 360° spout rotation with 8-7/8" (225 mm) or 7-3/8" (187 mm) clearance below the spout
- Single-hole mounting
- Available with 8" (203 mm) or 6" (152 mm) swing spout reach
- Optional aerator kits available
- 1.8 gallons (6.8 L) per minute maximum flow rate
- Meets CalGreen requirements for kitchen faucets



Codes/Standards Applicable

Specified model meets or exceeds the following:

- ADA
- ICC/ANSI A117.1
- ASME A112.18.1/CSA B125.1
- Energy Policy Act of 2005
- NSF 61
- All applicable US Federal and State material regulations

Colors/Finishes

- CP: Polished Chrome
- Other: Refer to Price Book for additional colors/finishes

Accessories

- NA: None applicable

Specified Model

Model	Description	Colors/Finishes	
K-7507	Kitchen sink faucet – 8" (203 mm) swing spout reach, without sidespray	<input type="checkbox"/> CP	<input type="checkbox"/> Other ____
K-7508	Kitchen sink faucet – 8" (203 mm) swing spout reach, with sidespray (shown)	<input type="checkbox"/> CP	<input type="checkbox"/> Other ____
K-7509	Kitchen sink faucet – 6" (152 mm) swing spout reach, without sidespray	<input type="checkbox"/> CP	<input type="checkbox"/> Other ____
K-7511	Kitchen sink faucet – 6" (152 mm) swing spout reach, with sidespray	<input type="checkbox"/> CP	<input type="checkbox"/> Other ____

Product Specification

The kitchen sink faucet shall be made of metal construction. Product shall feature a 1.8 gallon (6.8 L) per minute maximum flow rate. Product shall feature a one-piece, self-contained ceramic disc valve, which allows both volume and temperature control. Product shall feature temperature memory, allowing the faucet to be turned on and off at any temperature setting. Product shall feature 360° spout rotation with 8-7/8" (225 mm) or 7-3/8" (187 mm) clearance below the spout, and flexible connections for easy installation. Product shall be for single-hole mounting. Product shall be available with an 8" (203 mm) or 6" (152 mm) swing spout reach. Product shall be available with or without matching finish sidespray. Product shall be available with optional aerator kits. Product shall meet CalGreen requirements for kitchen faucets. Kitchen faucet shall be Kohler Model K-____-____.

PURIST®

Optional Accessories

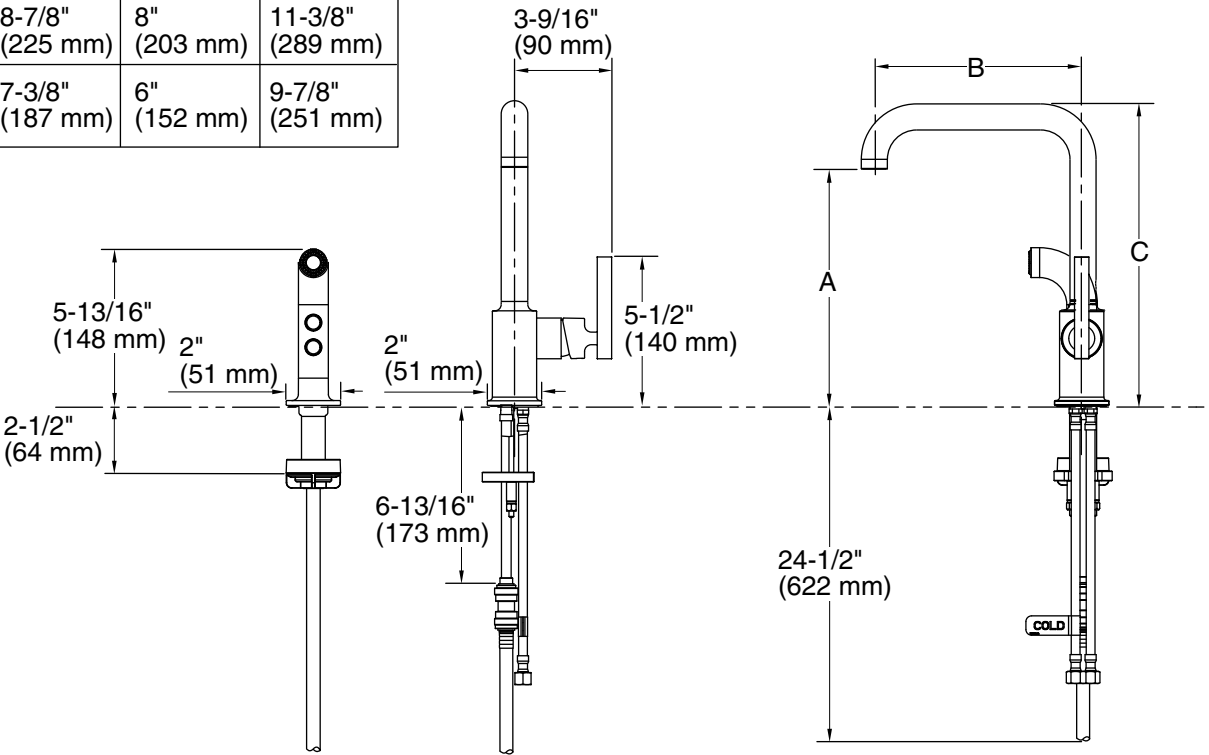
1030920	Sidespray deep roughing-in kit	<input type="checkbox"/> NA
1088956	Aerator kit – 2.2 gpm (8.3 lpm)	<input type="checkbox"/> NA
1089003	Low flow aerator kit – 1.5 gpm (5.7 lpm)	<input type="checkbox"/> NA

Installation Notes

Install this product according to the installation guide.

ADA compliant when installed to the specific requirements of the regulation.

Model	A	B	C
K-7507 K-7508	8-7/8" (225 mm)	8" (203 mm)	11-3/8" (289 mm)
K-7509 K-7511	7-3/8" (187 mm)	6" (152 mm)	9-7/8" (251 mm)



Product Diagram

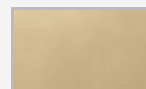
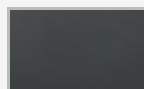
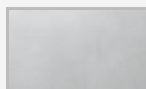
FX-08-ALT

1959LF



Finish: Chrome

List Price (US \$): \$267.95



- ✓ Single hole installation
- ✓ Optional escutcheon available for purchase separately
- ✓ ADA Compliant
- ✓ Standard spout swivels 360degrees
- ✓ 1.50 _{gpm} @ 60 _{psi}, 5.7 _{L/min} @ 414 _{kPa}



MagnaTite® Docking



DIAMOND™ Seal Technology

FFX-08-ALT



BAR & PREP SINK FAUCETS

- Contemporary
- Single Handle Deck Mount
- 1 or 3 Hole 4" Installation

STANDARD SPECIFICATIONS:

- Solid brass fabricated body.
- 360° Rotating spout.
- Hot/Cold logo on handle to indicate temperature.
- Ceramic disc carriage.
- 2 1/2" max deck thickness.
- 5/16" Staggered copper supply lines with 1/2" adapters.
- ADA compliant lever handle.
- Order RP77702 for optional escutcheon.
- Order RP1001 for coordinating soap dispenser.
- Maximum flow rate 1.5 gpm @ 60 psi.

WARRANTY

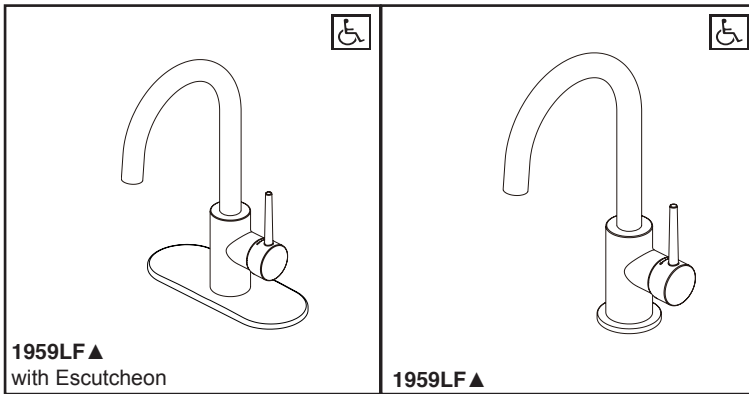
- Lifetime limited warranty on parts (other than electronic parts and batteries) and finishes; or, for commercial users, for 5 years from the date of purchase.

COMPLIES WITH

- ASME A112.18.1 / CSA B125.1

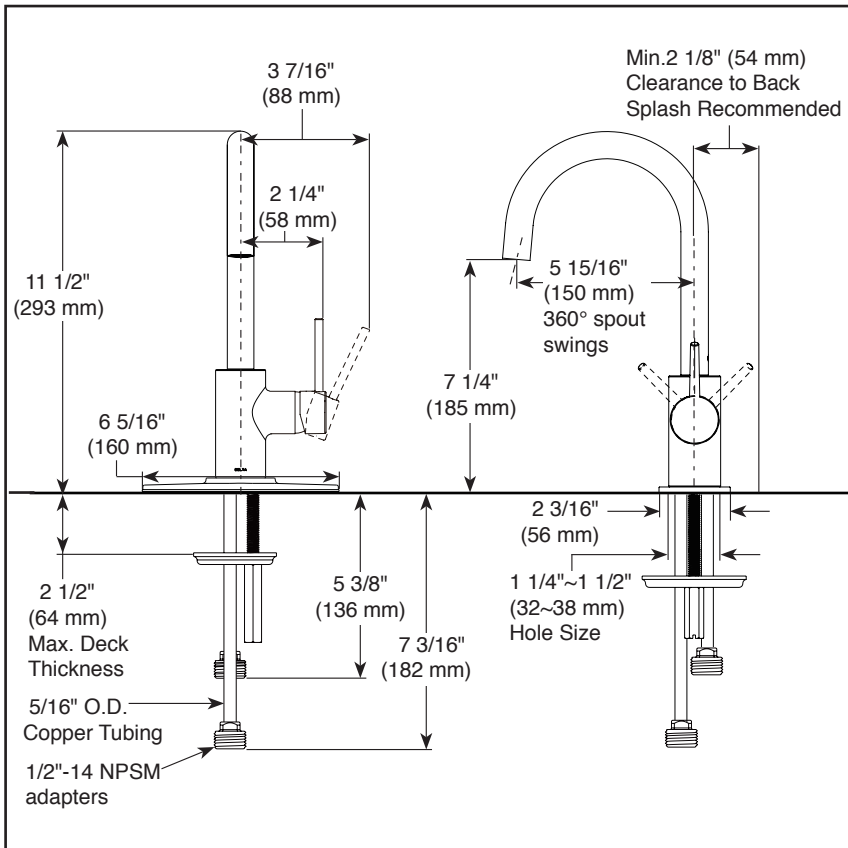
 Indicates compliance to
ICC/ANSI A117.1

Verified compliant with 0.25% weighted average Pb
content regulations



Submitted Model No.: _____

Specific Features: _____



▲ Designate proper finish suffix

Delta reserves the right (1) to make changes in specifications and materials, and (2) to change or discontinue models, both without notice or obligation. Dimensions are for reference only. See current full-line price book or www.deltafaucet.com for finish options and product availability.

DSP-K-1959LF Rev. B



55 E. 111th Street, Indianapolis, Indiana 46280
350 South Edgeware Road, St. Thomas, Ontario Canada N5P 4L1
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FX-09

Lustra™

Commercial Toilet Seat
K-4670-C

Features

- Solid polypropylene plastic.
- Elongated open-front seat.
- Without cover.
- With check hinge.
- Stainless steel mounting bolts.



Codes/Standards








IAPMO/ANSI Z124.5

KOHLER® One-Year Limited Warranty

See website for detailed warranty information.

Available Color/Finishes

Color tiles intended for reference only.

Color	Code	Description
	0	White
	96	Biscuit
	47	Almond
	95	Ice™ Grey
	G9	Sandbar
	33	Mexican Sand™
	K4	Cashmere

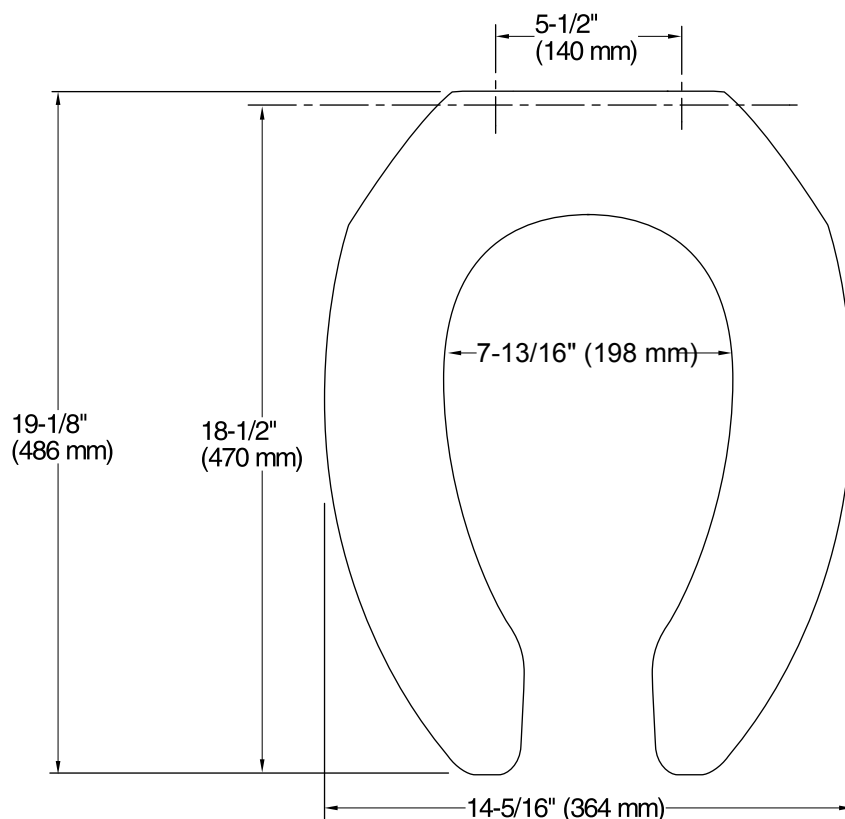
USA/Canada: 1-800-4KOHLER (1-800-456-4537)

Kohler Co. reserves the right to make revisions without notice to product specifications.

For the most current Specification Sheet, go to www.kohler.com.

6-2-2017 11:07

THE BOLD LOOK
OF **KOHLER®**



Technical Information

All product dimensions are nominal.

Seat shape type: Elongated

Seat front type: Open front

Seat hinge type: Check

Seat-mounting holes: 5-1/2" (140 mm)

Notes

Install this product according to the installation guide.

Features

- Elongated open-front seat with cover.
- Color-matched plastic hinges.
- Ergonomic contour for additional comfort.

Material

- Solid polypropylene plastic.

Installation

- Stainless-steel mounting bolts.



Codes/Standards










IAPMO/ANSI Z124.5

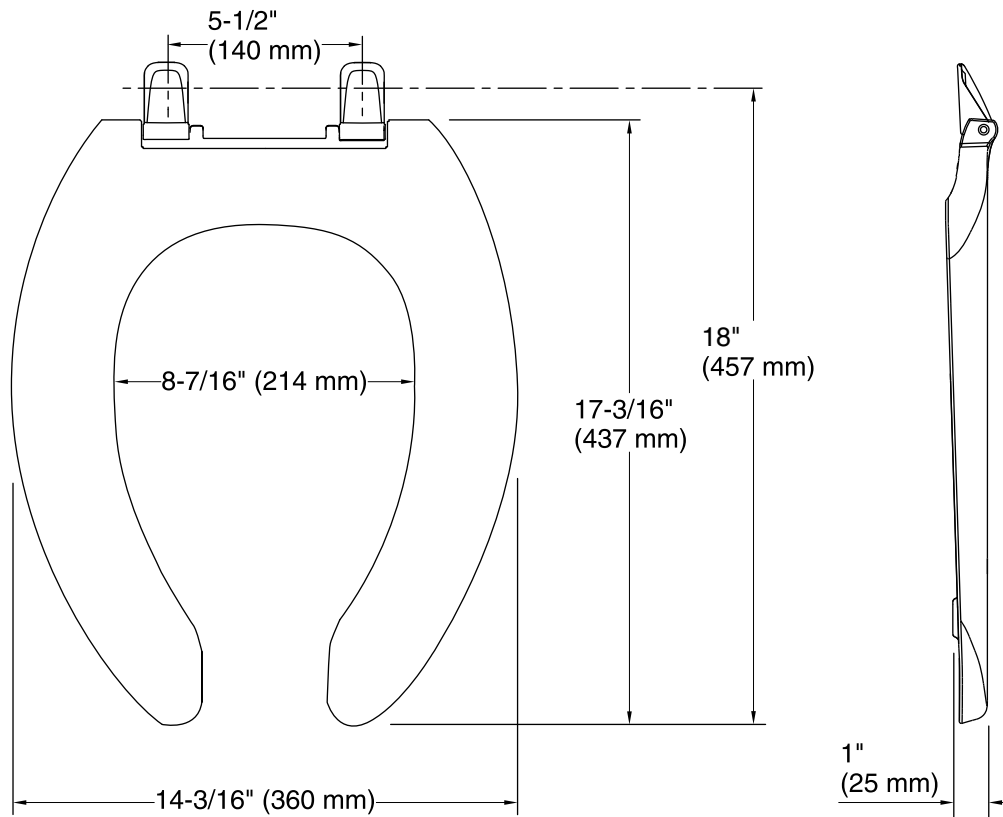
KOHLER® One-Year Limited Warranty

See website for detailed warranty information.

Available Color/Finishes

Color tiles intended for reference only.

Color	Code	Description
	0	White
	96	Biscuit
	47	Almond
	NY	Dune
	95	Ice™ Grey
	G9	Sandbar
	33	Mexican Sand™
	58	Thunder™ Grey
	7	Black Black™



Technical Information

All product dimensions are nominal.

Seat shape type: Elongated

Seat front type: Open front

Seat-mounting holes: 5-1/2" (140 mm)

Notes

Install this product according to the installation guide.

Electronic Exposed TECK® Flush Valves

**TECK®
COMMERCIAL**

DELTA

81T201BTA

Exposed Battery Operated 1-1/2" Top Inlet Closet Fixture

- Polished chrome plated vandal resistant metal cover with top mounted sensor operated **H₂Optics®** electronics
- Right or left-hand supply installation
- ADA compliant, automatic operation battery powered infrared sensor
- Scratch resistant replaceable lens window
- Four (4) size AA alkaline batteries factory installed with valve in sleep mode for easy installation
- Hinged battery housing for easy maintenance
- Low battery flashing light (5000 flushes remaining) with battery strength indicator
- Supplied with an advanced infrared sensor activated flush system that uses precise user distance measurements along with a bowl length setting to activate the correct flush for each usage
- Optional 24 hour automatic flush factory set to OFF
- Set-up sensor range adjustment indicator lights
- 6 VDC input, 6 second arming delay
- Electronic operated non-hold-open **metal** override button with 5 second lockout
- Quiet action, TECK® exposed diaphragm flush valve
- Chloramine resistant diaphragm
- Forged brass diaphragm retainer
- Renewable seat
- Polished chrome plated body
- External water conserving flush adjustment**, factory set to 6 litre (1.6 gal.) (except -48 and -6 models)
- 1" FIP/Copper sweat inlet adaptor**, angle check stop with protecting cap
- Adjustable 121mm (4-3/4") plus or minus 11mm (7/16") inlet/valve outlet centers
- Vacuum breaker
- Cover tube, stainless steel wall flange, spud flange, concealed spud nut, and 292mm (11-1/2") outlet tube.
- Recommended water supply:**
Minimum flowing pressure – 25 psi (172 kPa)
Minimum flow rate – 25 gpm (95 L/min)

Approvals:

- IAPMO listed to ASSE 1037/ ASME A112.1037/ CSA B125.37
- Indicates compliance to ICC/ANSI A117.1

(Contact Delta Representative for State and/or Local Approvals.)

Patented

FX-11



Engineer/Architect Approval

Model Specified:

Approval:

Date:



81T201BTA

81T201BTA-6

Same as 81T201BTA,
but **Not Field Adjustable**

81T201BTA-48

Same as 81T201BTA, but factory set to 4.8 litre (1.27 gal.),
Not Field Adjustable



Electronic Exposed TECK® II Flush Valve Retrofit Kits

81T201BTA-20

Same as 81T201BTA, but LESS stop, cover tube and wall flange

81T201BTA-20-6

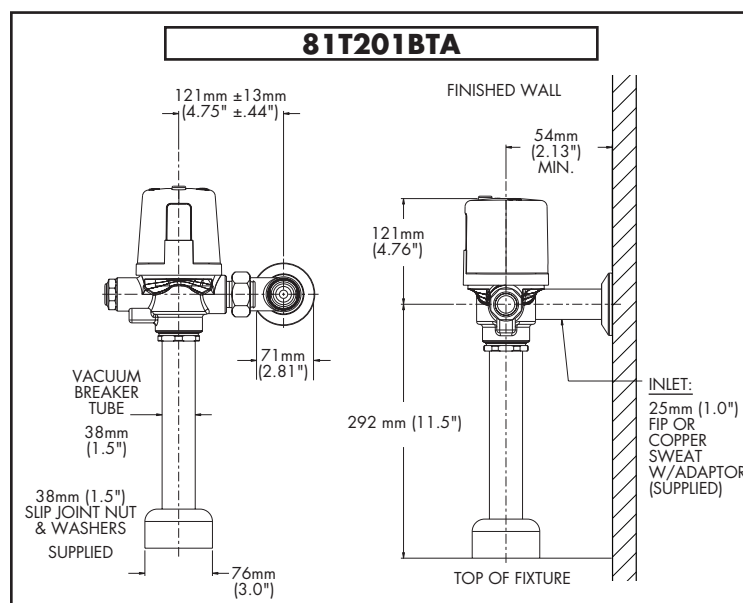
Same as 81T201BTA-20, but **Not Field Adjustable**

81T201BTA-20-13

Same as 81T201BTA-20, but factory set to 13 litre (3.4 gal.)

81T201BTA-20-48

Same as 81T201BTA-20, but factory set to 4.8 litre (1.27 gal.),
Not Field Adjustable



Note: For high and low pressure applications, please see page FEA-81T High Water Pressure note for more details.

Verify flow requirements with bowl manufacturer.

Note: Measurements may vary ± 6mm (0.25")

Refer to www.specselect.com for individual models.

Note: Use this page as a product submittal sheet.




Electronic Flush Valves & Retrofit Kits

Battery flush valve for 1-1/2" top spud WATER CLOSET with H2Optics® SENSOR ON VALVE - maximum 11-1/2" height (c/l of inlet to base of outlet)

Model No: 81T201BTA

COMPLIES WITH:

- IAPMO listed to ASSE 1037/ ASME A112.1037/ CSA B125.37
-  Indicates compliance to ICC / ANSI A117.1
- Patented
- (Contact Delta Representative for State and/or Local Approvals)



SPECIFICATION:

FX-11

- Polished chrome plated vandal resistant metal cover with top mounted sensor operated H2Optics® electronics
- Right or left-hand supply installation
- ADA compliant, automatic operation battery powered infrared sensor
- Scratch resistant replaceable lens window
- Four (4) size AA alkaline batteries factory installed with valve in sleep mode for easy installation
- Hinged battery housing for easy maintenance
- Low battery flashing light (5000 flushes remaining) with battery strength indicator
- Supplied with an advanced infrared sensor activated flush system that uses precise user distance measurements along with a bowl length setting to activate the correct flush for each usage
- Optional 24 hour automatic flush factory set to off
- Set-up sensor range adjustment indicator lights
- 6 VDC input, 6 second arming delay
- Electronic operated non-hold-open metal override button with 5 second lockout
- Quiet action, TECK® exposed diaphragm flush valve
- Chloramine resistant diaphragm
- Forged brass diaphragm retainer
- Renewable seat
- Polished chrome plated body
- 1" FIP/Copper sweat inlet adaptor, angle check stop with protecting cap
- Adjustable 121mm (4-3/4") plus or minus 11mm (7/16") inlet/valve outlet centers
- Vacuum breaker
- Cover tube, stainless steel wall flange, spud flange, concealed spud nut, and 292mm (11-1/2") outlet tube.
- External water conserving flush adjustment: Factory set to 6 Litre (1.6 Gal.) - Field Adjustable from 4.8L to 25L (1.27 to 6.6 Gal.)

OPERATION:

- **Recommended water supply:**
Minimum flowing pressure – 25 psi (172 kPa)
Minimum flow rate – 25 gpm (95 L/min)

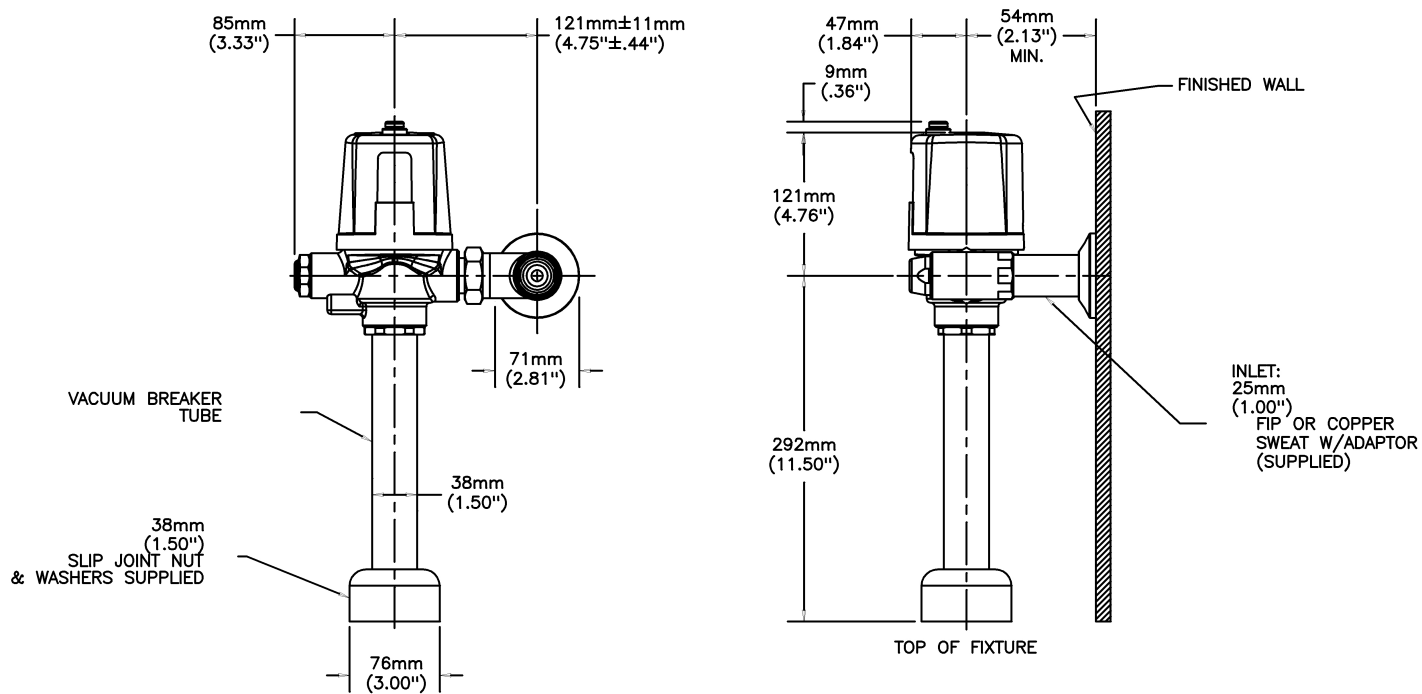
(Dimensional drawing on following page)

Delta reserves the right (1) to make changes to specifications and materials, and (2) to change or discontinue models, both without notice or obligation. Dimensions are for reference. Measurement may vary plus or minus 6mm(0.25"). Mounting locations are suggested only. Check with local codes for requirements in your area. This spec was produced October 09, 2017.

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Delta Faucet Canada - 395 Matheson Blvd E - Mississauga, Ontario, Canada L4Z 2H2 - (905) 712-3030

FX-11

Teck® flushometer valves are designed to operate at any supply pressure between 20 psi and 125 psi in accordance with ASSE 1037/ASME A112.1037/ CSA B125.37. The Teck® flush valve delivers the industry's highest peak flows to enhance bowl scrubbing. At high water pressures, splash out, noise or reduced life of plumbing components may be observed with a few models of water closet or urinal fixtures. To minimize or eliminate these effects, select a different model of water closet or urinal from the same or another manufacturer, or install a pressure reducing valve. If the installation does not allow for either of these options, the control stop adjusting screw may be used to reduce pressure to the valve.



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FX-12

Rely™

60"x42" Shower Base

K-8659**Features**

- Center drain.
- Low-threshold assures ease of exit and entry of the shower space.
- Water containment bead along the step over threshold provides optimum barrier to eliminate water escaping from the shower.
- Textured bottom surface.
- One-piece construction.
- Compliments traditional and contemporary bathroom designs.
- Coordinates with Choreograph™ walls.

Material

- Acrylic

Installation

- Alcove
- 3-side integral flange.

**Codes/Standards**

CSA B45.5/IAPMO Z124

ASTM E162






ASTM E662

Greenguard UL 2818 - Gold

KOHLER® One-Year Limited Warranty

See website for detailed warranty information.

Available Color/Finishes*Color tiles intended for reference only.***Color Code Description**

	0	White
	96	Biscuit
	47	Almond
	NY	Dune
	95	Ice™ Grey
	G9	Sandbar

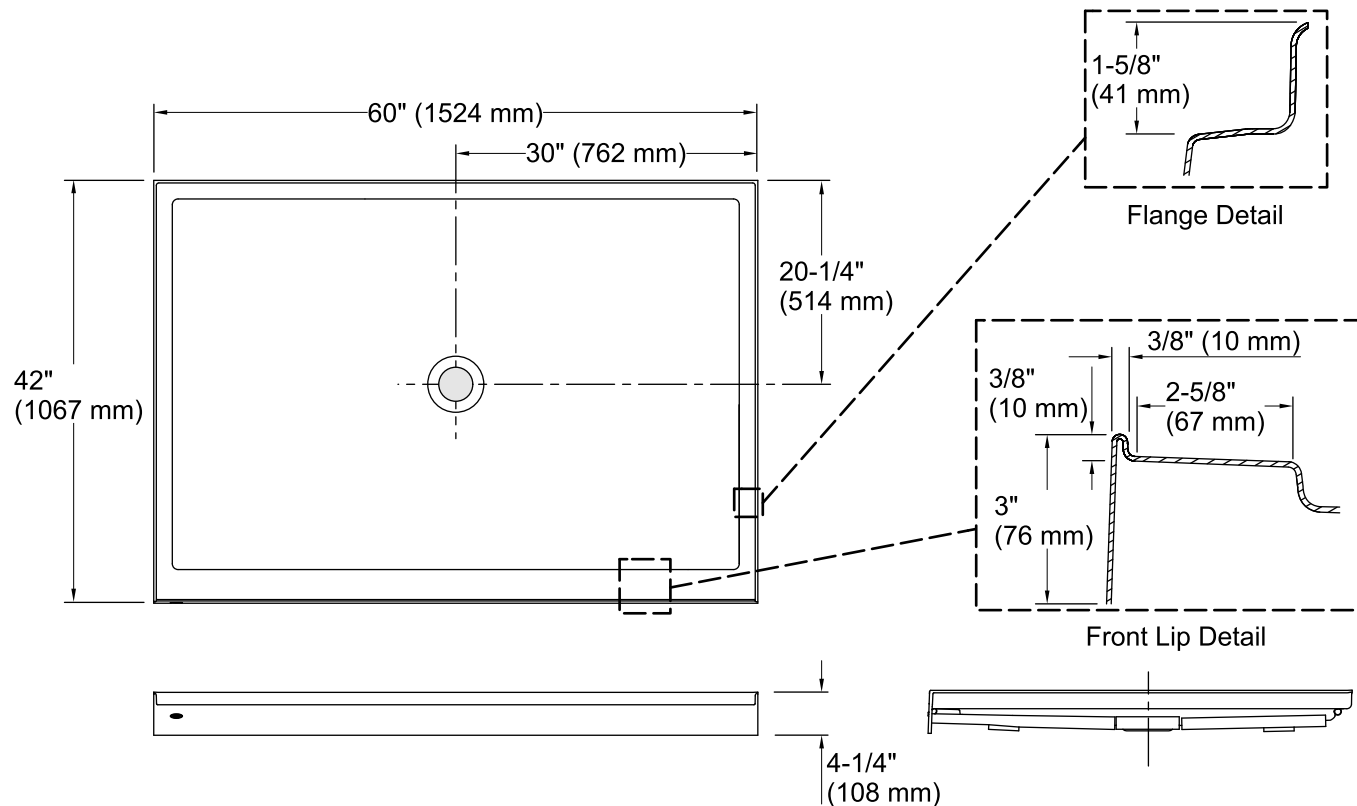
USA/Canada: 1-800-4KOHLER (1-800-456-4537)

Kohler Co. reserves the right to make revisions without notice to product specifications.

For the most current Specification Sheet, go to www.kohler.com.

6-3-2017 05:56

THE BOLD LOOK
OF **KOHLER®**



Technical Information

All product dimensions are nominal.

Installation: 3-Wall Alcove

Drain location: Center

Weight: 73 lbs (33.1 kg)

Minimum flat for door: 2-5/8" (67 mm)

Threshold height: 3" (77 mm)

Notes

Measure your actual product for rough-in details.

Install this product according to the installation instructions.

Subfloor must be within 1/2" (13 mm) of level.

This receptor has a front lip. This should be taken into account when installing a shower door.

T140335

MODERN

In Wall Tub and Shower Trim

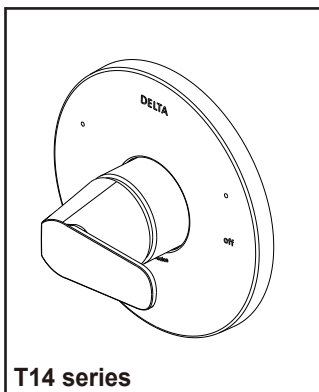


Finish Shown:

Chrome



- ✓ Trim finish: chrome plated
- ✓ Casted zinc alloy handle
- ✓ Temperature only controlled with handle
- ✓ Must also order MultiChoice universal rough R10000 separately
- ✓ Lifetime Faucet and Finish Warranty



Submitted Model No.
Número de Modelo Supuesto
Apresentado o modelo N°
所需产品号码:

Specific Feature /
Característica Específica /
Característica Específica /
详细特征:

T140335

FX-13



see what Delta can do™

- In wall tub shower trim, valve only
- Componente externo de grifo instalado en pared
- Decorar a parte externa da torneira na parede
- 暗装龙头外构件

EN

Standard Specification

- Trim finish: chrome plated.
- Monitor® 14 Series pressure balanced single handle mixing valve trim
- Maintains a balanced pressure of hot and cold water even when a valve is turned on or off elsewhere in the system.
- Temperature only controlled with handle.
- Field adjustable to limit handle rotation into hot water zone.
- 120° maximum handle rotation.
- Must also order MultiChoice® universal rough R10000 separately.

ES

Especificación Estándar

- Terminar: Cromado.
- Válvula de equilibrio de presión antiquemadura de serie 14.
- Aunque abre o cierra las válvulas de otros sistemas de repente, también puede mantener el equilibrio de presión del agua caliente y del agua fría.
- La temperatura se controla por el mango.
- Puede ajustar el mango en sitio para restringir el giro del mismo a la zona del agua caliente.
- El ángulo de giro del mango es de 120°.
- Debe comprar adicionalmente el componente interno universal R10000.

PT

Especificação Padrão

- Acabamento: placa cromada.
- Série 14 válvula de equilíbrio de pressão anti-queimadura.
- Mantendo o equilíbrio da pressão de água quente e fria, quando abrir ou fechar a válvula dos outros sistemas de repente.
- A temperatura é controlada pelo punho.
- Pode ajustar o punho na hora de uso para limitá-lo girado para área de água quente.
- O ângulo de rotação do punho é 120°.
- Peça interna universal R10000 não são incluídos, devem ser comprados a parte.

T140230		
International Only		
T140232		
International Only		
T140265		
International Only		
T140335		
T140338		
International Only		

Dimensions are for reference only / Las dimensiones son sólo de referencia /
As dimensões são apenas para referência / 以上尺寸仅供参考

WARRANTY

- Lifetime limited warranty on parts (other than electronic parts and batteries) and finishes: or, for commercial users, for 5 years from date of purchase.
- 5 year limited warranty on electronic parts (other than batteries); or, for commercial users, for 1 year from the date of purchase. No warranty is provided on batteries.

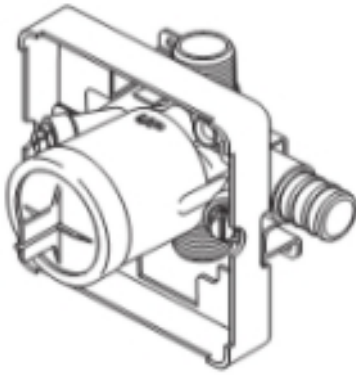
Delta reserves the right (1) to make changes in specifications and materials, and (2) to change or discontinue models, both without notice or obligation. Dimensions are for reference only. See current full-line price book or www.deltafaucet.com for finish options and product availability.

COMPLIES WITH:

- ASME A112.18.1 / CSA B125.1
- ASSE 1016
- ☑ Indicates compliance to ICC/ANSI A117.1

Delta Faucet Company

55 E. 111th Street, Indianapolis, IN 46280
350 South Edgeware Road, St. Thomas, ON N5P 4L1
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FX-14



Tub and Shower

MultiChoice™ valve body only with screwdriver stops-
with PEX inlet connections and ½" universal male
thread outlets

Model No: R10000-PXWS

COMPLIES WITH:

- ASME A112.18.1 / CSA B125.1
- (Contact Delta Representative for State and/or Local Approvals)



SPECIFICATION:

- Forged brass body
- Back-to-Back installation capabilities
- Can be tested with air (200 psi) or water (300 psi) without valve using supplied test cap
- Square plasterguard allows for right angle cuts.
- For use with MultiChoice® Universal single or dual function trim.
- Cartridge ships with trim.
- 1/2" outlets and connections.
- MultiChoice™ valve body only with screwdriver stops
- PEX crimp connections and ½" universal male thread outlets - sold only in full cases of 12

OPERATION:

- Not Available

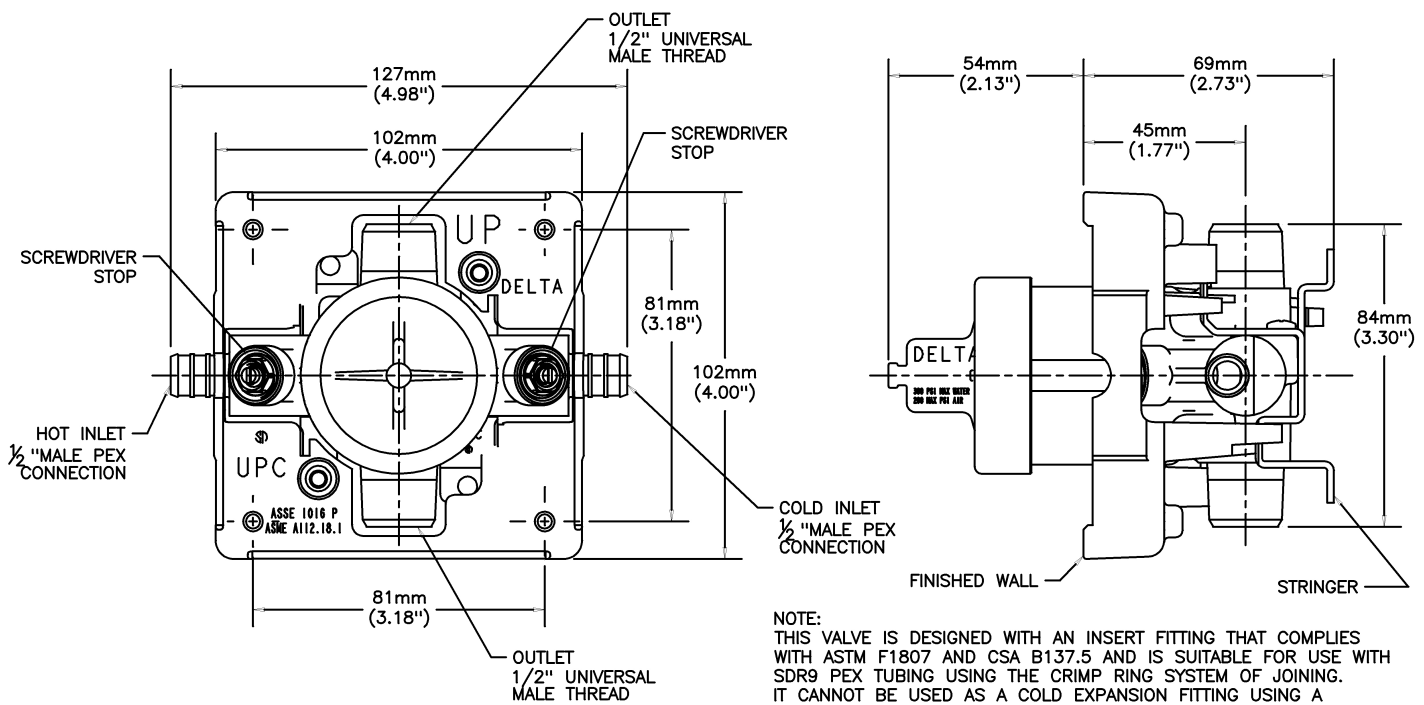
(Dimensional drawing on following page)

Delta reserves the right (1) to make changes to specifications and materials, and (2) to change or discontinue models, both without notice or obligation. Dimensions are for reference. Measurement may vary plus or minus 6mm(0.25"). Mounting locations are suggested only. Check with local codes for requirements in your area. This spec was produced October 17, 2017.

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Delta Faucet Canada - 395 Matheson Blvd E - Mississauga, Ontario, Canada L4Z 2H2 - (905) 712-3030



Model No: R10000-PXWS



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Delta Faucet Company - 55 East 111th St. - Indianapolis, Indiana, USA 46280 - (317) 848-1812
Delta Faucet Canada - 395 Matheson Blvd E - Mississauga, Ontario, Canada L4Z 2H2 - (905) 712-3030

FX-15



WALL BAR HAND HELD SHOWER

■ 5-Spray Setting Wall Bar Hand Shower

FEATURES:

- Touch-Clean® Nozzles

STANDARD SPECIFICATIONS:

- Maximum flow rate 2.0 gpm @ 80 psi, 7.6 L/min @ 552kPa
- Hand held shower with five spray patterns – not a positive shut-off
- Wall bar w/adjustable slide (allows for adjustable shower height). Not to be used as a grab bar.
- 70" (1778mm) Ultra Flex hose for 51599
- 60" - 82" (1524mm-2083mm) metal stretchable hose w/ vacuum breaker for 51599-DS

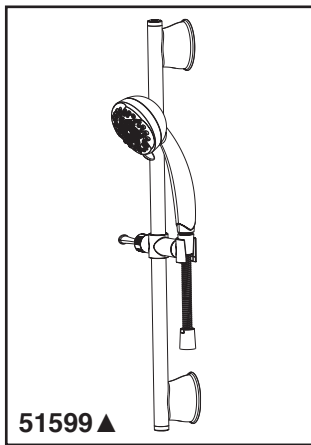
WARRANTY

- Lifetime limited warranty on parts (other than electronic parts and batteries) and finishes; or, for commercial users, for 5 years from the date of purchase.
- 5 year limited warranty on electronic parts (other than batteries); or for commercial users, for 1 year from the date of purchase. No warranty is provided on batteries.

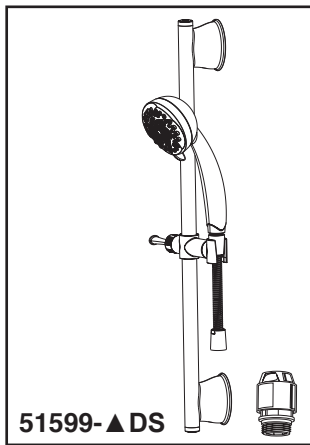


COMPLIES WITH

- ASME A112.18.1 / CSA B125.1
- ASME A112.18.3
- EPA WaterSense®



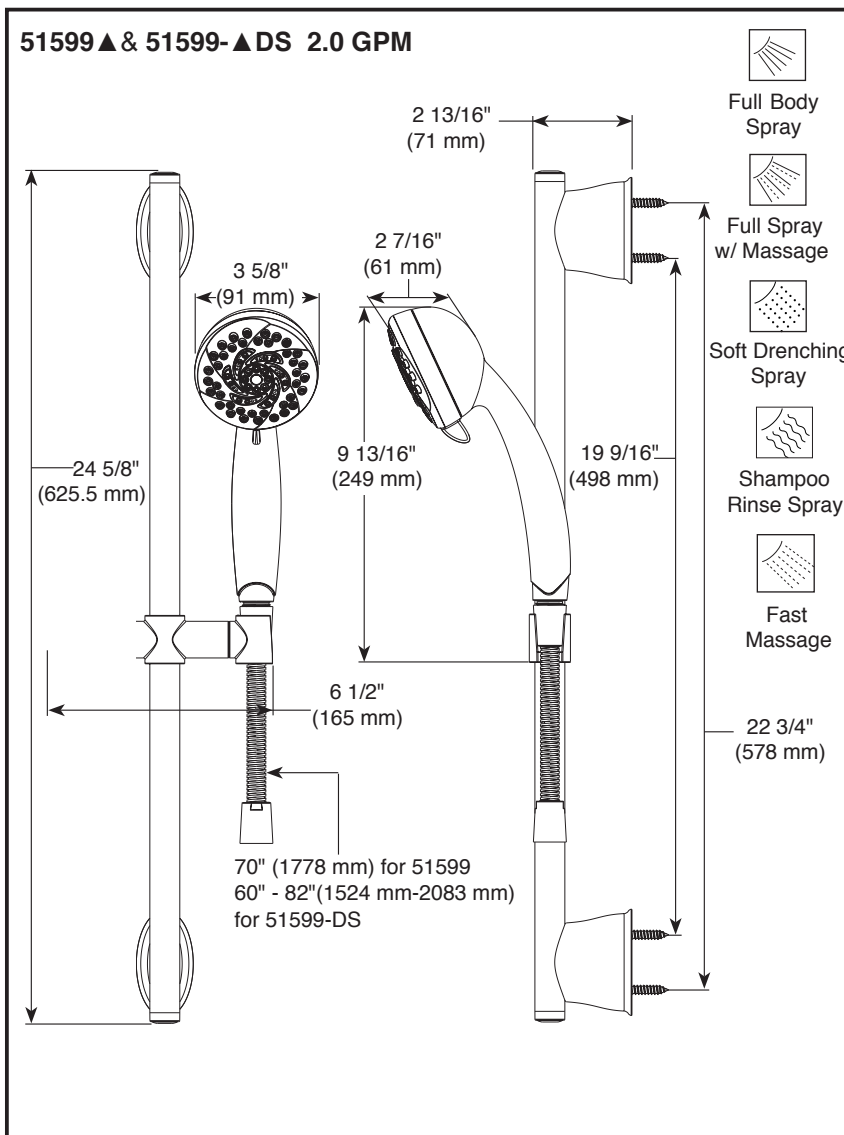
51599▲



51599-▲ DS

Submitted Model No.: **51599DS**

Specific Features:



▲ Designate proper finish suffix

Delta reserves the right (1) to make changes in specifications and materials, and (2) to change or discontinue models, both without notice or obligation. Dimensions are for reference only. See current full-line price book or www.deltafaucet.com for finish options and product availability.

DSP-B-51599 Rev. B



55 E. 111th Street, Indianapolis, Indiana 46280
350 South Edgeware Road, St. Thomas, Ontario Canada N5P 4L1
© 2016 Masco Corporation of Indiana

Submitted Model No.: **U4980-PK**
 Specific Features: _____



see what Delta can do™

DIVERTERS

- All Brass Construction
- ADA Compliant

STANDARD SPECIFICATIONS:

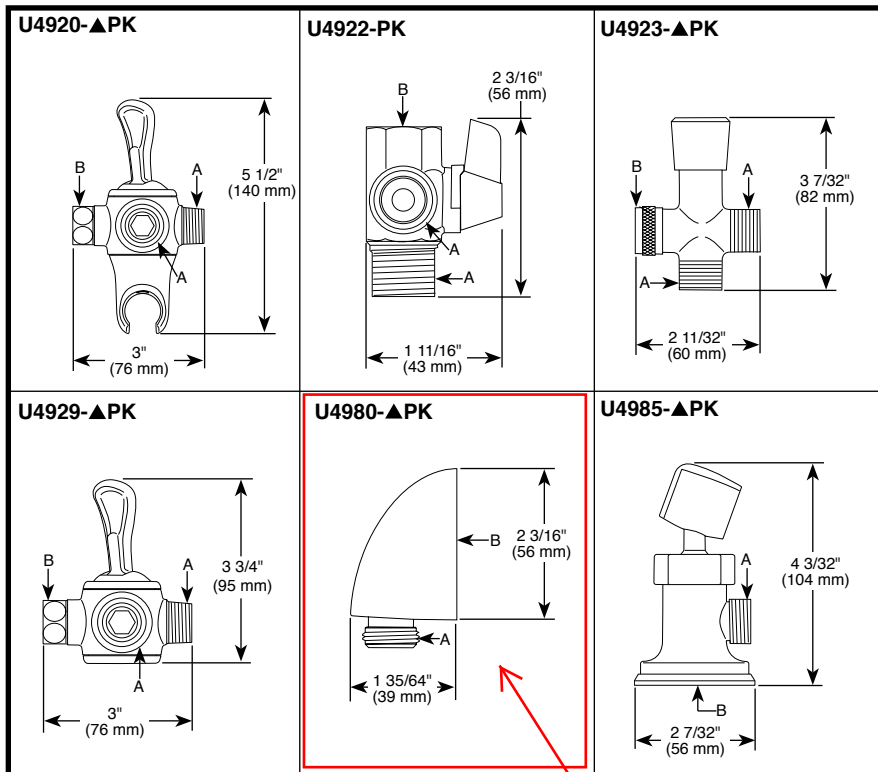
- All brass construction
- Diverts water
- Flip lever: U4920, U492
- Water supply elbow: U4980.

WARRANTY

- Lifetime limited warranty on parts (other than electronic parts and batteries) and finishes; or for commercial users, for 5 years from the date of purchase.
- 5 year limited warranty on electronic parts (other than batteries); or for commercial users, for 1 year from the date of purchase. No warranty is provided on batteries

COMPLIES WITH:

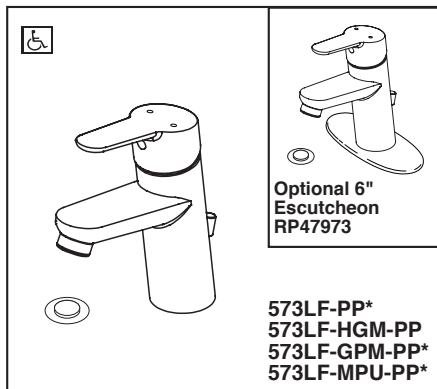
Indicates compliance to ICC/ANSI A117.1



▲ Designate proper finish suffix

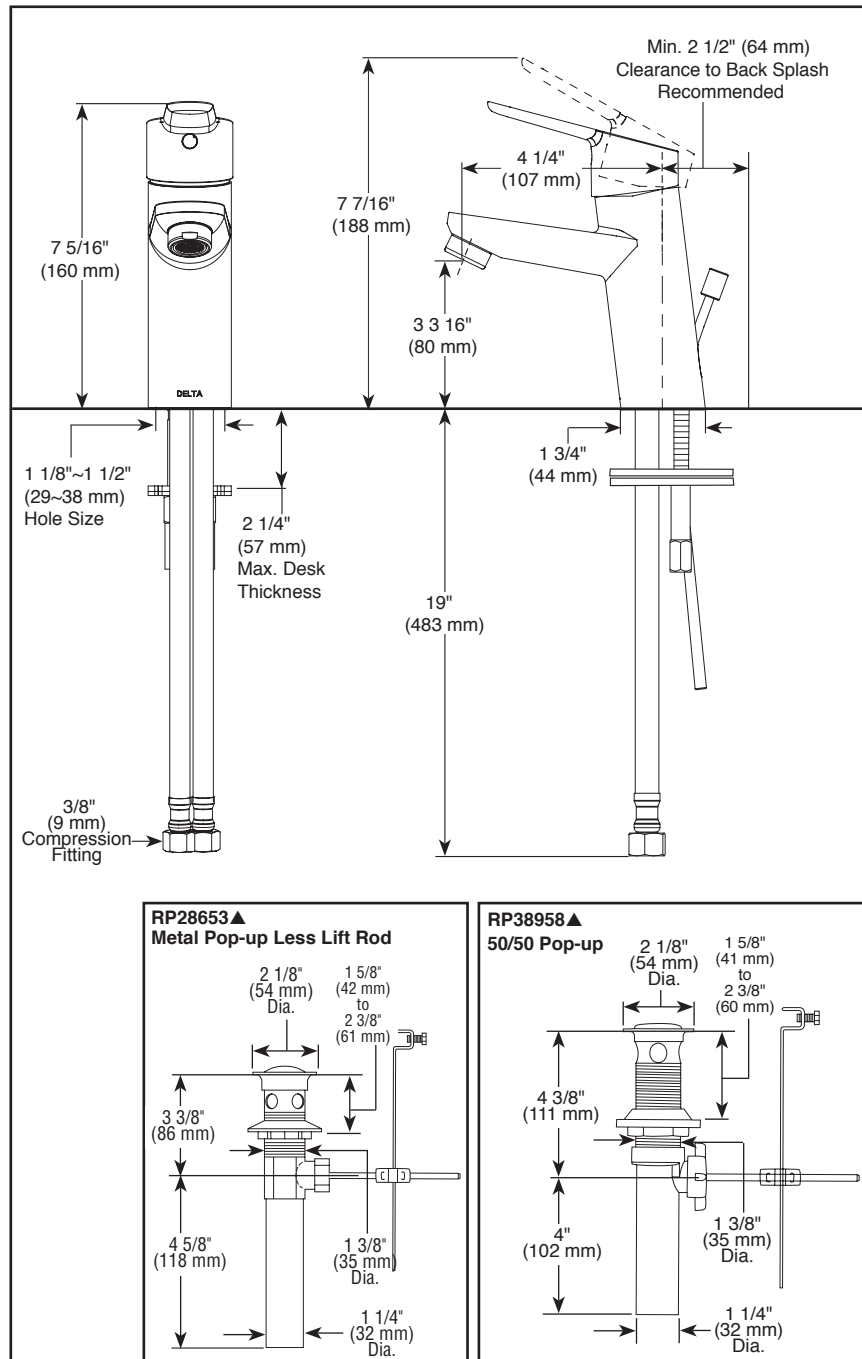
A	1/2-14 NPSM-2A
B	1/2-14 NPSM-2B





Submitted Model No.: **573LF-PP**

Specific Features:



▲ Designate proper finish suffix

Delta reserves the right (1) to make changes in specifications and materials, and (2) to change or discontinue models, both without notice or obligation. Dimensions are for reference only. See current full-line price book or www.deltafaucet.com for finish options and product availability.

DSP-L-573LF-PP Rev. C

FX-16



see what Delta can do™

LAVATORY FAUCET

- Modern series
- Single Handle Deck Mount

STANDARD SPECIFICATIONS:

- Max flow rate 1.2 gpm @ 60 psi, 4.5 L/min @ 414 kPa
- GPM models provide 1.0 gpm @ 60 psi, 3.8 L/min @ 414 kPa
- HGM models provide 0.5 gpm @ 60 psi, 1.9 L/min @ 414 kPa
- One or three hole mount (Escutcheon optional, not included)
- Control mechanism is the ceramic disc cartridge
- Red/blue indicator markings
- Solid brass body
- Lift rod hole plug sold separately (RP78360)
- 1/4" threaded stud mounting
- Models have 50/50 pop-up type fitting with plated flange and stopper
- Models with suffix "MPU" have metal drain with pop-up type fitting with plated flange and stopper

WARRANTY

- Lifetime limited warranty on parts (other than electronic parts and batteries) and finishes; or, for commercial users, for 5 years from the date of purchase.
- 5 year limited warranty on electronic parts (other than batteries); or for commercial users, for 1 year from the date of purchase. No warranty is provided on batteries



COMPLIES WITH:

- ASME A112.18.1 / CSA B125.1
- ASME A112.18.2 / CSA B125.2



Indicates compliance to
ICC / ANSI A117.1

- * ■ EPA WaterSense®
- Verified compliant with 0.25% weighted average Pb content regulations

Delta Faucet Company

55 E. 111th Street, Indianapolis, IN 46280
350 South Edgeware Road, St. Thomas, ON N5P 4L1
© 2017 Delta Faucet Company



1200 Front Load : 1200 Front Load

Catalog Reference : p. 9

ENLARGE



Enlarge Picture



For Interior Use

Description

CMC Model 1200 Front Load is constructed of heavy gauge extruded aluminum with clear anodized surface materials that provide a high degree of appearance. Shelves and dividers are made of galvanized steel with extruded aluminum support bars.

The 4" (101.6mm) wide "High Security Panel" (HSP) is strictly to house the master lock and provide added security via an interlocking hinged door that closes simultaneously with the main gate.

Suggested Applications

Apartment buildings, Universities, Hospitals, Transport companies, Mail distribution centres, Post Offices, Military bases and much more



Standard Features	Optional Features	Dimensions	Technical Specifications	Downloads
<div><div>»</div><div>HIGH SECURITY PANEL (HSP): Extruded 6063 aluminum alloy 3/32" (2.38mm) thick x 4" (101.6mm) wide with a clear anodized finish</div></div> <div><div>»</div><div>COMPARTMENTS: Shelves and dividers are 24 gauge satin coated steel with extruded aluminum support bars assembled with metal screws</div></div> <div><div>»</div><div>DOORS: Extruded 6360 aluminum alloy 3/32" (2.38mm) thick with a clear anodized finish</div></div> <div><div>»</div><div>FRAME: Extruded 6063 aluminum alloy with a clear anodized finish</div></div> <div><div>»</div><div>LOCKS: 5 pin cylinder cam locks with 1000 different changes. Each lock has three (3) keys</div></div> <div><div>»</div><div>DOOR IDENTIFICAITON: Each door has an oval indentation 5/8" (15.88mm) High x 2-1/4" (57.15mm) Wide to accomodate adhesive gravoply plastic (black engraving on gray background)</div></div> <div><div>»</div><div>FINISH: All surfaces are clear anodized finish</div></div>				

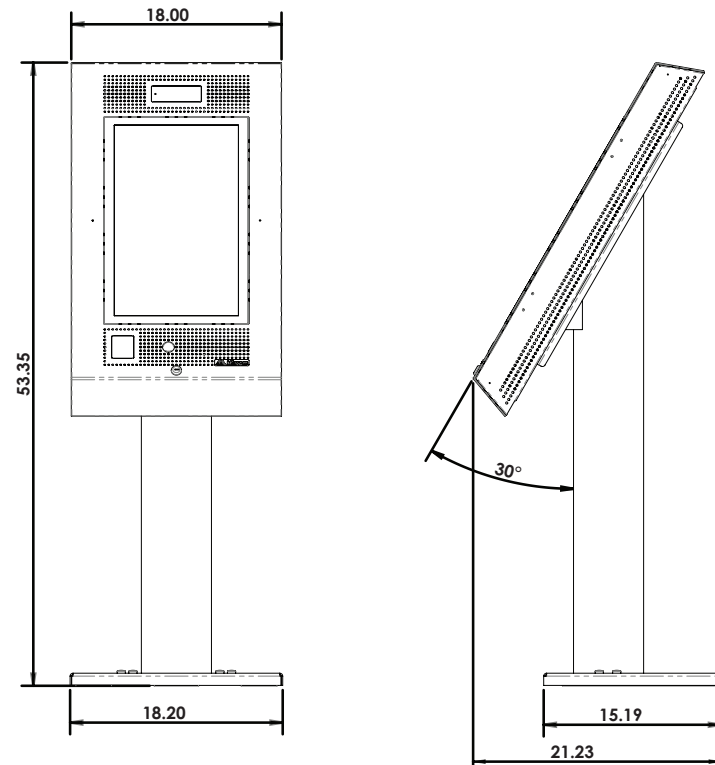


Figure 1: 22" Touch Screen Kiosk Dimensions (inches)

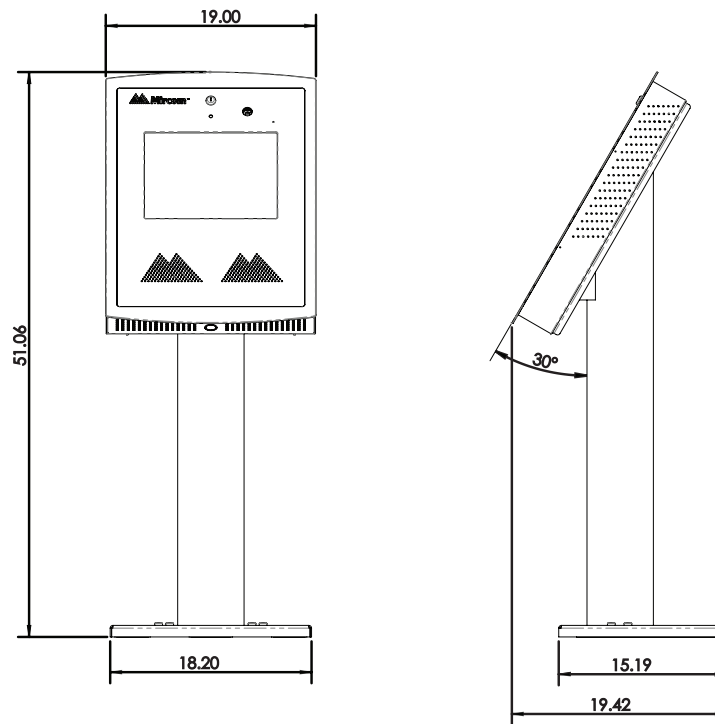


Figure 2: 15" Touch Screen Kiosk Dimensions (inches)

The stand mounts to the floor inside the building near the entrance, close to the building power source and telephone infrastructure. Access for the power and communication cables is provided through a cutout in the base plate.

Note: Avoid placing the Touch Screen in direct sunlight.

The kit includes:

- 1 stand
- 1 base plate
- 8 screws for attaching the stand to the base plate
- 8 screw covers
- 8 screw cover bases
- 6 nuts for attaching the Touch Screen to the stand

You will need:

4 bolts to attach the base plate to the floor. The bolts need to fit holes that are 0.406" in diameter.

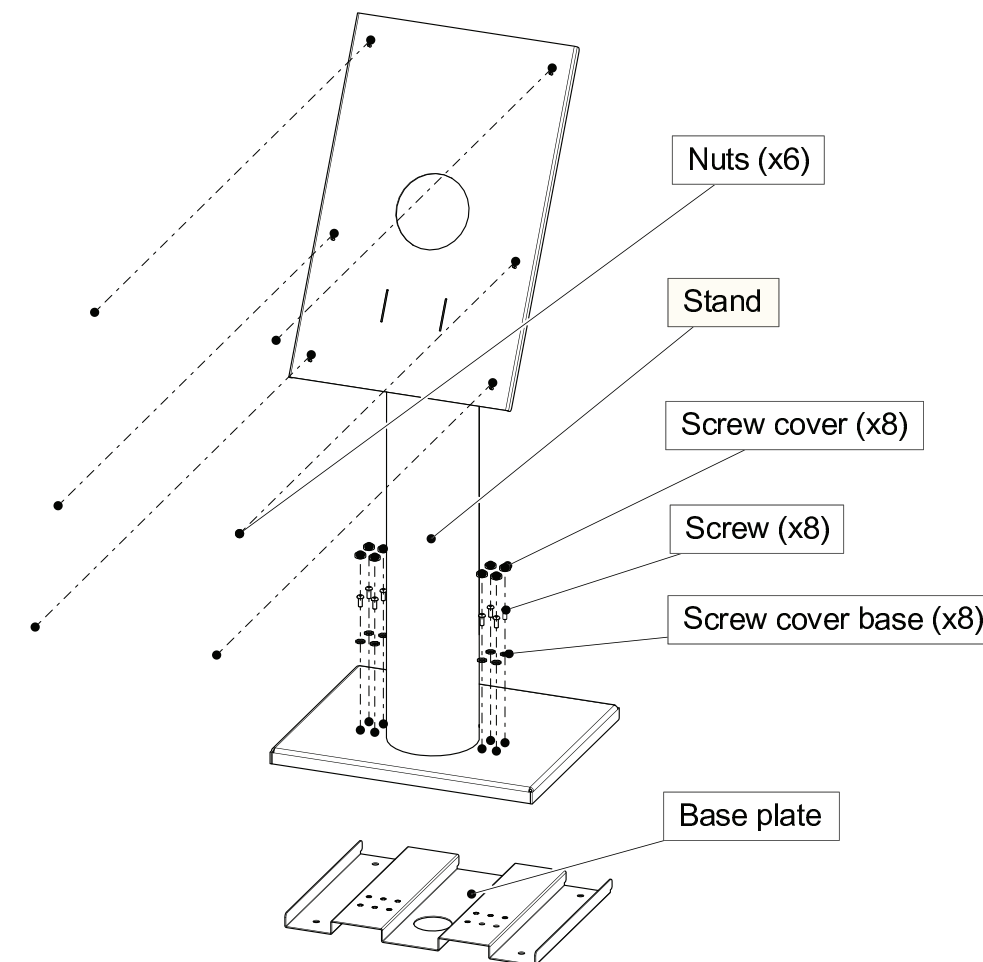


Figure 3: Components of the Kiosk stand

1 ATTACH THE BASE PLATE TO THE FLOOR

1. Ensure that the base plate is aligned with the electrical conduit.
2. Using the base plate as a template, trace an opening on the floor for the cutout and mark the 4 base plate mounting hole locations as shown in Figure 4.

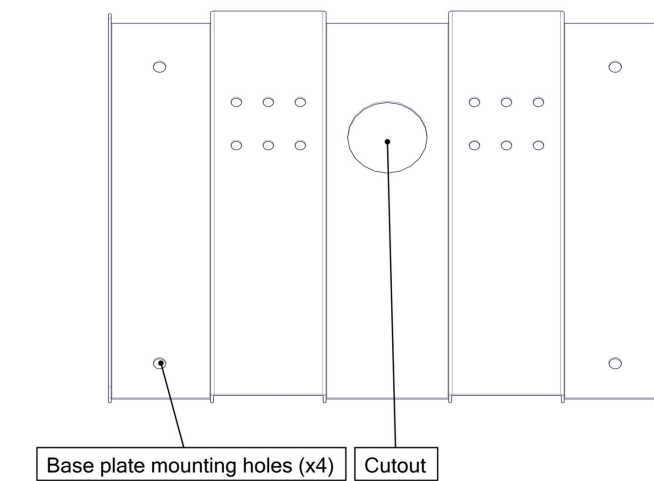


Figure 4: Base plate mounting holes

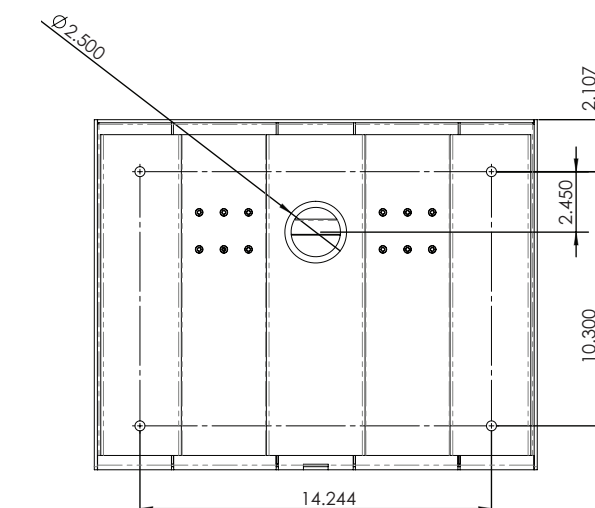


Figure 5: Base plate dimensions (inches)

3. Cut an opening in the floor for the electrical and communication cables.
4. Run the wires through the base plate opening.
5. Secure the base plate to the floor using 4 bolts through the base plate mounting holes shown in Figure 4. The holes are 0.406" in diameter.

ASSEMBLING TX3-T-KIOSK

2 FIT THE STAND ON THE BASE PLATE

1. Run the wires through the stand and out the hole at the top.
2. Fit the back lip of the stand into the notches in the baseplate, and tilt the stand forwards so that it rests on top of the base plate.

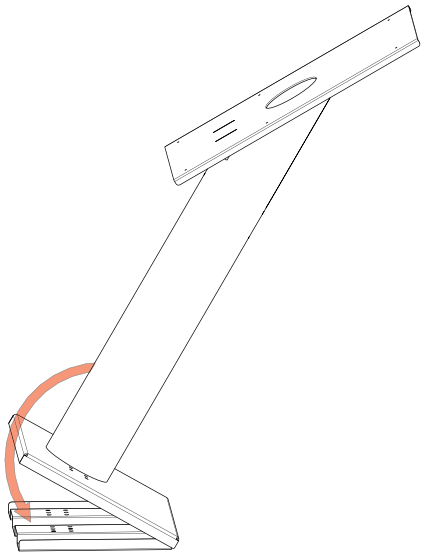


Figure 6: Fit the stand on the base plate

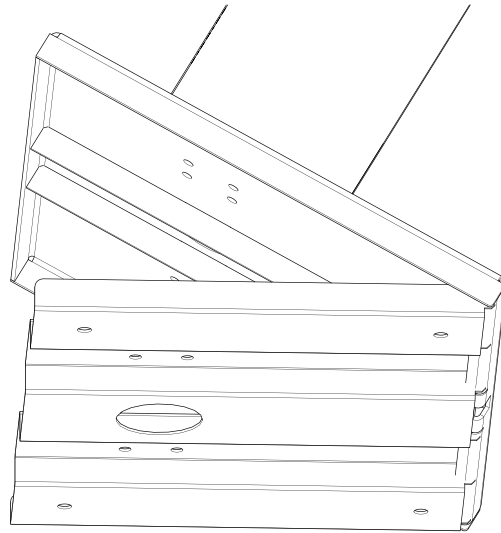


Figure 7: Fit the stand on the base plate (from below)

3. Secure the stand onto the base plate using the screw cover bases, screws, and screw covers as show in Figure 8.

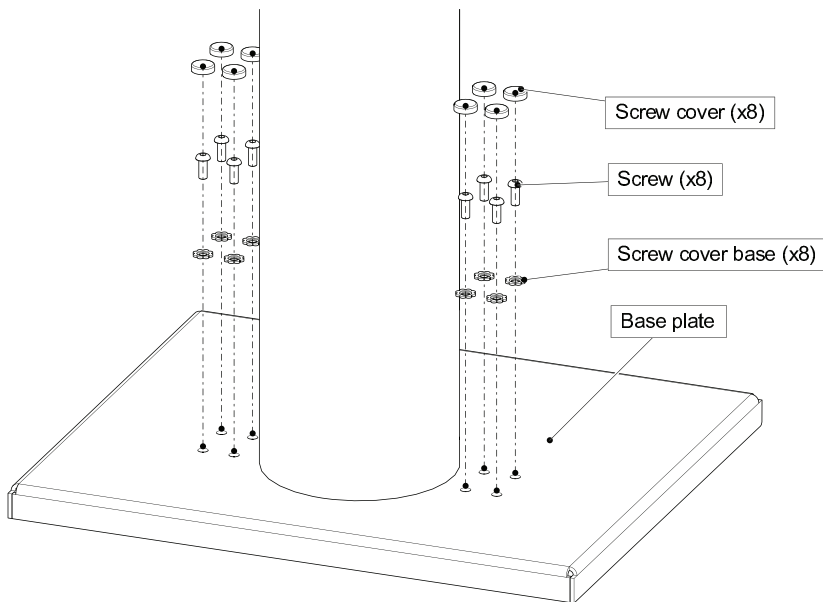


Figure 8: Attach the stand to the base plate

3 ATTACH THE TOUCH SCREEN TO THE STAND

Attention: The 22" Touch Screen enclosure is heavy. Never attempt to lift this product by yourself. At least two people should lift it together.

1. Fit the Touch Screen on the six studs on the stand.
2. Attach the six included screws to the studs.

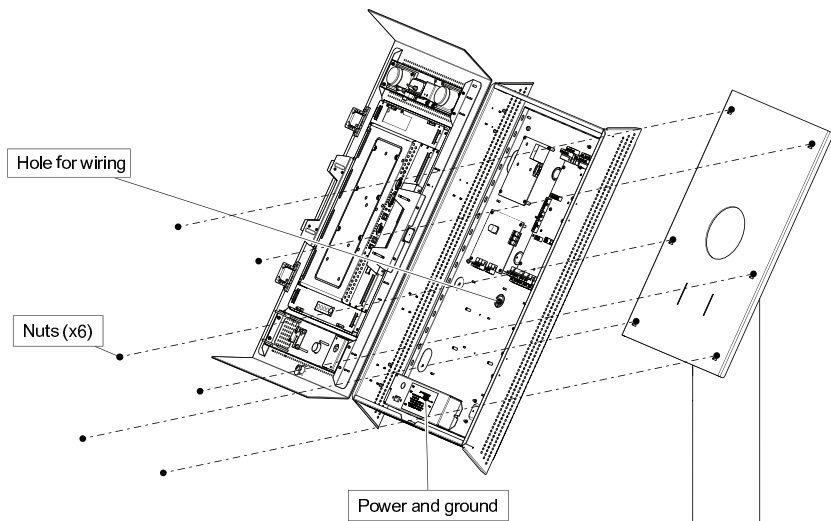


Figure 9: Attach the 22" Touch Screen to the stand

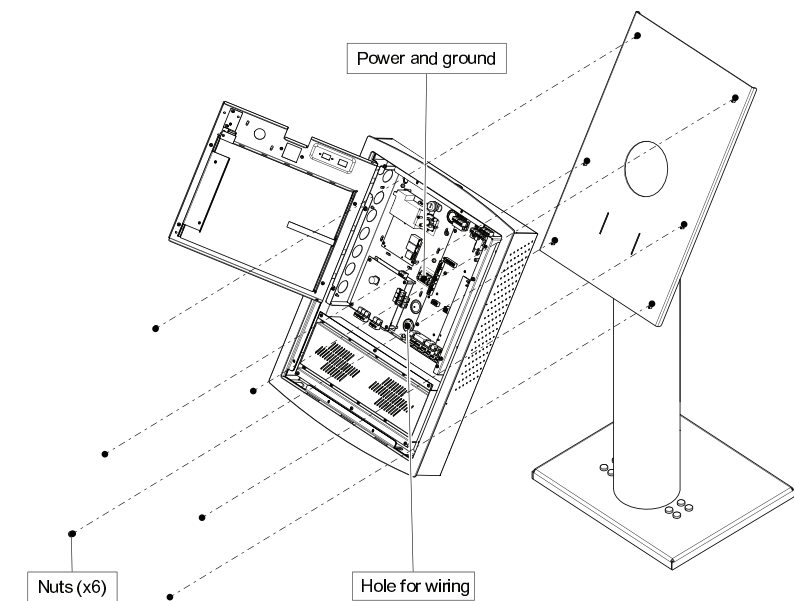


Figure 10: Attach the 15" Touch Screen to the stand

4 GROUNDING AND POWER

1. Make sure that the power is off.
2. Locate the power and ground terminals.
On the 22" Touch Screen, they are behind the door shown in Figure 9.
On the 15" Touch Screen, they are in the middle of the chassis as shown in Figure 10.

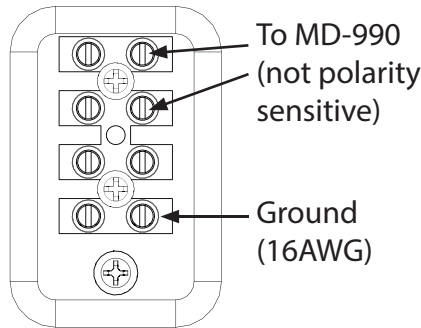


Figure 11: Power supply and ground terminals on the 22" Touch Screen

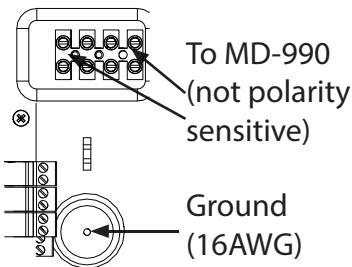


Figure 12: Power supply and ground terminals on the 15" Touch Screen

3. Attach one end of the supplied 16 gauge cable to the ground post shown in Figures 11 and 12 and connect the other end to the site ground.
4. Connect the RS-485, input and output wires as described in LT-6073 .
For more details, see LT-969 on the Mircom website and the USB disk.

WARNING: The MD-990 voltage selectable switch is factory set to 115V. If you are not in Canada or the USA, consult LT-1094 for instructions on setting the voltage.

5. Mount the MD-990 separately from the Touch Screen.
6. Connect the MD-990 load power supply wires to the Touch Screen terminal screws as shown in Figures 11, 12 and 13.
7. Connect the building power supply wires to the MD-990 line terminal screws as shown in Figure 13.
8. Connect the other end of the building power supply wires the line voltage terminals.
9. Turn the power on.

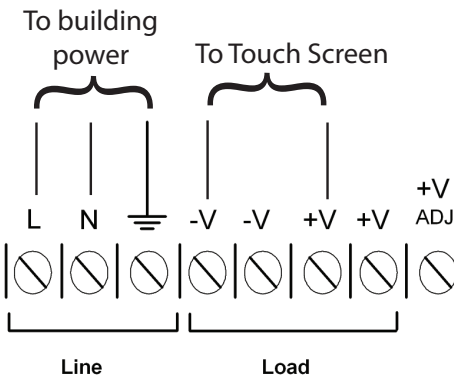


Figure 13: MD-990 Terminal Block Wiring

Lighting				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
R1	P1 Level Recessed Light	TBD		Refer to manual and specification cut sheets for rough in installation and cut out requirements.
R3	Ground Floor Recessed Light	TBD	Wattage-1x12W (12) Dimmable 3000K (30k) Finish: Matte	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
R4	Ground Floor Lobby Recessed Down Light	TBD	Series: Non IC, White, Lamp: 20W, 3000K (30k) Finish: Matte, Bar Hanger: Vertical	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
R5	Recessed Light @ Lobby Fireplace	Contractor to provide Specs to be approve by the designer		Refer to manual and specification cut sheets for rough in installation and cut out requirements.
R6	Groud Floor-7th Corridor Recessed Light (typical)	TBD	Wattage-1x12W (12) Dimmable-Dimmable 3000K (30k) Finish: Matte	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
WW1	Ground Floor Lobby Wall Washer	TBD	Series: Non IC, White, Lamp: 20W, 3000K (30k) Finish: Matte, Bar Hanger: Wall Washer	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
WW2	Ground Floor Amenity Area Wall Washer 2	TBD	Led Down Light, Dimmable, 3000k, Lumens: 800lm, no adaptor	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FL1	Flourecent Light	TBD	Wattage-40W Voltage-120V Non Dimmable 3000K (30k)	Refer to manual and specification cut sheets for rough in installation and cut out requirements.

P2	Elevator Lobby Pendant Light	TBD	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
P3	Lobby Pendant	TBD	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
P4	Main Lobby Light Fixture	TBD	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
WS1	Wall Sconce	TBD	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
WS2	Wall Sconce	TBD	Refer to manual and specification cut sheets for rough in installation and cut out
WS3	Vanity Wall Sconce @ Washrooms	Specs by Lighting Supplier	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
LD-01	LED Strip @ Cove light in Main Lobby	TBD	Refer to manual and specification cut sheets for rough in installation and cut out requirements.

RECESSED DOWN LIGHT

Single Round 3" COB LED Down Light

R1, R3, R6



Description

- » Cold forged steel heatsink for heat dissipation.
- » Deep reflector for reduced glare and soft round photometry lighting pattern
- » Round concave trim which creates less lines on the mounted ceiling.

Mounting

- » New Construction Mounting plate is optional.
- » Drywall/Ceiling clamps can be used for 1/2" - 1-1/2" Ceiling thickness.
- » Easy Tool-Free installation



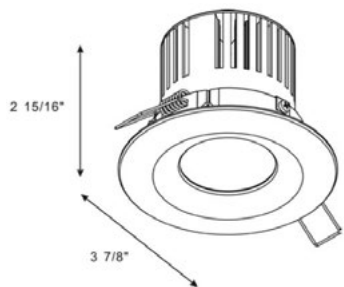
*New Construction Mounting Plate

LED Light Engine

- » 2700K-5000K
- » CRI>80+
- » Lumen Efficiency: 100lm/w

Electrical System

- » 120-277V input AC 50/60 Hz
- » Power Factor >0.98
- » 12W

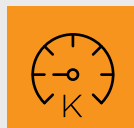


Wattage

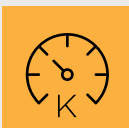
12

1x 12W [12]

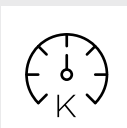
Colour Temperature



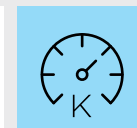
2700K [27K]



3000K [30K]



4000K [40K]



5000K [50K]

Dimming

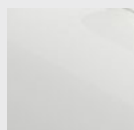


NON-DIMMABLE
[ND]

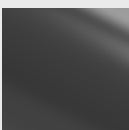


DIMMABLE
[DM]

Finish



WHITE [WH]



BLACK [BK]



BRUSHED NICKEL [BN]

Listing & Warranty

- » ETL listed to US and Canadian standards for wet locations
- » 5-Year Limited Warranty

*Delivered lumen output will vary depending on CCT, and CRI

Product Code:

P-RDL-LD-A-----

SERIES WATTAGE FINISH DIMMING K



PREPARED FOR	PROJECT NAME	PROJECT TYPE	DATE
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1244 CALEDONIA RD TORONTO, ON M6A2X5

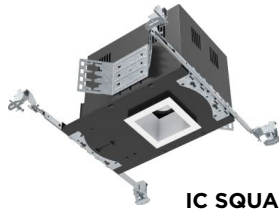
TOLL FREE 1.866.499.3139

MULTIPLE DOWN LIGHT LED IC/Non-IC

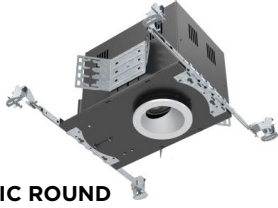
R4



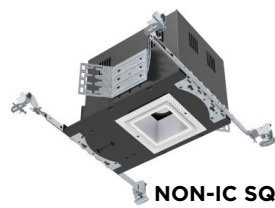
IC ROUND



IC SQUARE



NON-IC ROUND



NON-IC SQUARE

Description

» 3.5 inch LED recessed fixtures with round or square apertures offer energy-efficient, precision lighting for accent, task, or wall wash applications. This type LED luminaire approximates the performance of 50W halogen, but at only 12-watts input, consumes just one-fourth the energy. A feature enriched, small aperture downlight, the innovative design allows the LED to be positioned closer to the aperture for maximum light output and efficiency or higher to minimize glare and flash on the trim.

Features

» Separable rotating reflector design makes it easy for replacement. Provide unique high-low lamp positioning with the simple twist of a screwdriver. Power supply using isolation scheme, driver can achieve high power factor and conversion efficiency, constant current output. Universal 120V-277V driver with optional 0-10V standard dimming protocol.

Housing

» Heavy duty black powder coated cold roll steel frame. Design for New Construction installation. Housing can be installed in 1/2" to 1-3/8" thick ceilings. Housing types include IC Air-Tight or Non-IC Rated (must specify). Junction box and driver are located on opposite ends of the housing, with easy access for maintenance and installation. Optional round or square aperture shape. Trimless design is available.

LED Light Engine

» Optional branded COB LED chips thickness. Input AC 120V 230V 277V (90-305V is optional.) 12W 15W 20W, 1000 1300 1600 Lumens. 2700K, 3000K, 3500K, 4000K and 5000K at 80+ CRI or 90+ CRI. PF > 0.98. Dimmable options: NONE, TRIAC or RD 0-10V. LED mounted to die-cast / extruded aluminum heat sink w/ active cooling. 50,000 hours average rated life at 70% output.

Optics

» 12° Spot, 24° Narrow Flood and 36° Flood

Trimless

» ETL listed to US and Canadian standards for damp location W/Feed through.

» 5 Year Limited Warranty.

Installation

» Housing types include IC Air-Tight, CCEA (Chicago Plenum), or Non-IC Rated (must specify). Non-IC rated housings must be kept at a minimum of 3" away from insulation. Butterfly brackets and adjustable hanger bars (14"-25") with integral nail included. Butterfly brackets are compatible with C-channel, flat bar hanger and EMT. C-channel is recommended for T-bar ceilings. C-channel and flat C-channel and flat bar hangers must be ordered separately.

Series

IC

IC [IC]

Non-IC

Non-IC [NC]

Trim



WHITE TRIM [TR]



TRIMLESS [TL]

Lamping



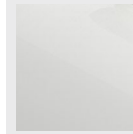
LED

12W [12]

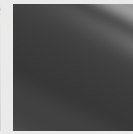
15W [15]

20W [20]

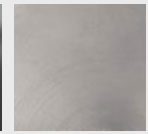
Finish



WHITE [WH]



BLACK [BK]

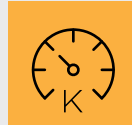


SATIN NICKEL [SN]

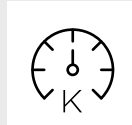
Colour Temperature



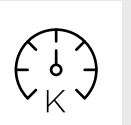
2700K [27K]



3000K [30K]

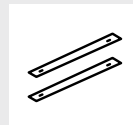


4000K [40K]



5000K [50K]

Mounting

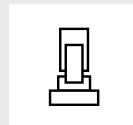


BAR HANGER [FB]



C-CHANNEL BAR [CC]

Optics



VERTICAL [VT]



ADJUSTABLE [AD]



WALL WASHER [WW]

[Brackets indicate product code components]

Product Code:

P-RML-LD-I- - - - -

SERIES WATTAGE FINISH TRIM K MOUNT OPTICS

Lamping



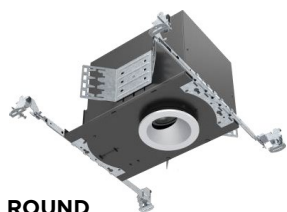
PREPARED FOR	PROJECT NAME	PROJECT TYPE	DATE
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1244 CALEDONIA RD TORONTO, ON M6A2X5

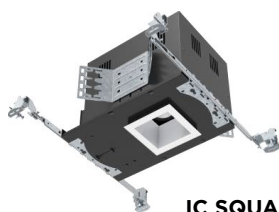
TOLL FREE 1.866.499.3139

MULTIPLE DOWN LIGHT

LED IC/Non-IC



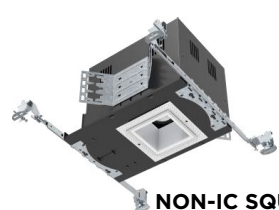
IC ROUND



IC SQUARE



NON-IC ROUND



NON-IC SQUARE

Description

» 3.5 inch LED recessed fixtures with round or square apertures offer energy-efficient, precision lighting for accent, task, or wall wash applications. This type LED luminaire approximates the performance of 50W halogen, but at only 12-watts input, consumes just one-fourth the energy. A feature enriched, small aperture downlight, the innovative design allows the LED to be positioned closer to the aperture for maximum light output and efficiency or higher to minimize glare and flash on the trim.

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» Heavy duty black powder coated cold roll steel frame. Design for New Construction installation. Housing can be installed in 1/2" to 1-3/8" thick ceilings. Housing types include IC Air-Tight or Non-IC Rated (must specify). Junction box and driver are located on opposite ends of the housing, with easy access for maintenance and installation. Optional round or square aperture shape. Trimless design is available.

LED Light Engine

» Optional branded COB LED chips thickness. Input AC 120V 230V 277V (90-305V is optional.) 12W 15W 20W, 1000 1300 1600 Lumens. 2700K, 3000K, 3500K, 4000K and 5000K at 80+ CRI or 90+ CRI. PF > 0.98. Dimmable options: NONE, TRIAC or RD 0-10V. LED mounted to die-cast / extruded aluminum heat sink w/ active cooling. 50,000 hours average rated life at 70% output.

Optics

» 12° Spot, 24° Narrow Flood and 36° Flood

Trimless

» ETL listed to US and Canadian standards for damp location W/Feed through.

» 5 Year Limited Warranty.

Installation

» Housing types include IC Air-Tight, CCEA (Chicago Plenum), or Non-IC Rated (must specify). Non-IC rated housings must be kept at a minimum of 3" away from insulation. Butterfly brackets and adjustable hanger bars (14"-25") with integral nail included. Butterfly brackets are compatible with C-channel, flat bar hanger and EMT. C-channel is recommended for T-bar ceilings. C-channel and flat C-channel and flat bar hangers must be ordered separately.

Series

IC

IC [IC]

Non-IC

Non-IC [NC]

Trim

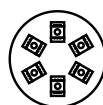


WHITE TRIM [TR]



TRIMLESS [TL]

Lamping



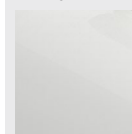
LED

12W [12]

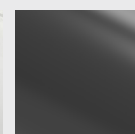
15W [15]

20W [20]

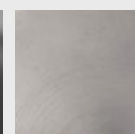
Finish



WHITE [WH]

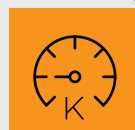


BLACK [BK]



SATIN NICKEL [SN]

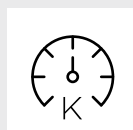
Colour Temperature



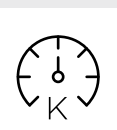
2700K [27K]



3000K [30K]



4000K [40K]



5000K [50K]

Mounting

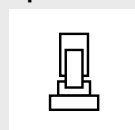


BAR HANGER [FB]



C-CHANNEL BAR [CC]

Optics



VERTICAL [VT]



ADJUSTABLE [AD]



WALL WASHER [WW]

[Brackets indicate product code components]

Product Code:

P-RML-LD-I- - - - -

SERIES WATTAGE FINISH TRIM K MOUNT OPTICS

Lamping



PREPARED FOR	PROJECT NAME	PROJECT TYPE	DATE
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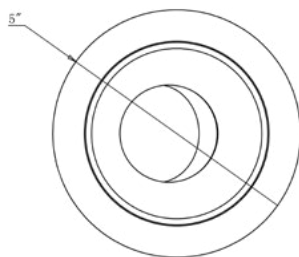
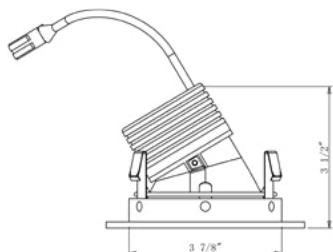
1244 CALEDONIA RD TORONTO, ON M6A2X5

TOLL FREE 1.866.499.3139

LED DOWNLIGHT

4" LED Downlight Wall Washer

WW2



Description

- »All-in-one LED retrofit wall washer trim designed to use with Liteharbor 4 inch recessed residential downlight
- »Provide 50000 hours of life at 70% lumen maintenance
- »No lead or mercury
- »Trim shipped with a medium base socket adapter whip

LED Light Engine

- »Cree true white® technology available
- »CRI>80%
- »Color temperature: 3000K-5000K
- »Rated for 50000 hours at 70% lumen output

Driver

- »Dedicated 120 volt driver
- »Power factor >0.9
- »Dimmable to 10% with most brand dimmers
- »Rated for 50 to 60Hz at 120V/277V input
- »Produces less than 20% THD

Listing & Warranty

- »ETL listed to US and Canadian standards for wet locations
- »5-Year Limited Warranty

Dimmable



DIMMABLE [DM]



NON-DIMMABLE [ND]

Colour Temperature



3000K [30K]



4000K [40K]



5000K [50K]

Lumens

600

600lm [600]

800

800lm [800]

Medium Base Adapter



ADAPTER [AD]



NO ADAPTER [NA]

[Brackets indicate product code components]

Product Code:

P-LRF-04WW- - - -

DIMMABLE

K

LUMEN

ADAPTER



PREPARED FOR	PROJECT NAME	PROJECT TYPE	DATE
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1244 CALEDONIA RD TORONTO, ON M6A2X5

TOLL FREE 1.866.499.3139

LINEAR FLUORESCENT LED Troffer

FL1



Features:

- »Constructed of die-formed heavy gauge cold rolled steel
- »Opal white acrylic overlay diffuser for visual comfort
- »Latch-free opal acrylic centre basket for easier mounting and cover LEDs
- »Indirect reflectors are precision formed and contoured to provide soft, low-glare, indirect illumination while maintaining high-efficiency and a wide, uniform light
- »Painted with a lighting grade baked matte enamel, having a high reflectance factor for premium
- »Designed for mounting into T-bar ceiling grids
- »Replace fluorescent tube or LED tube version
- »Recessed T-Bar

Dimensions:

- »23-6/8"L, 23-5/8"W, 5-4/8"H

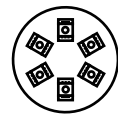
Photometry

- »PF: >0.92
- »Efficiency: 86%
- »40W LED (2x2)
- »50W LED (2x2)
- »88 Lumens/watt
- »89 Lumens/watt
- »CRI: +82
- »CRI: +82

Electrical (option):

- »All electrical components are UL listed for US, Canada
- »Terminal Block, Quick disconnecter from IDEAL or WAGO
- »120V, 120-277V LED driver from MEANWELL, PHILIPS, etc.
- »347V-480V LED driver is available
- »SAMSUNG LEDs, PHILIPS LEDs MODULE
- »CCT available in 3000K, 3500K, 4000K, 4500K, 5000K, 5500K, 6000K
- »Dimming (DC 0-10V, PWM signal or resistance) driver is option
- »CCC, CE, UL, cUL listed

Wattage



LED SMD
40W [40]
50W [50]

Voltage

120

120V [120]

347

347V [347]

Dimmable

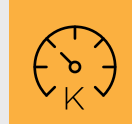


Dimmable [DM]

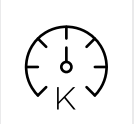


Non-Dimmable [ND]

Colour Temperature



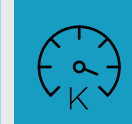
3000K [30K]



4000K [40K]



5000K [50K]



6000K [60K]

[Brackets indicate product code components]

[Include wattage and lamp number in product code below]

Product Code:

P-LDTR-24-F- - - -

WATTAGE DIM VOLTAGE K



PREPARED FOR	PROJECT NAME	PROJECT TYPE	DATE
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1244 CALEDONIA RD TORONTO, ON M6A2X5

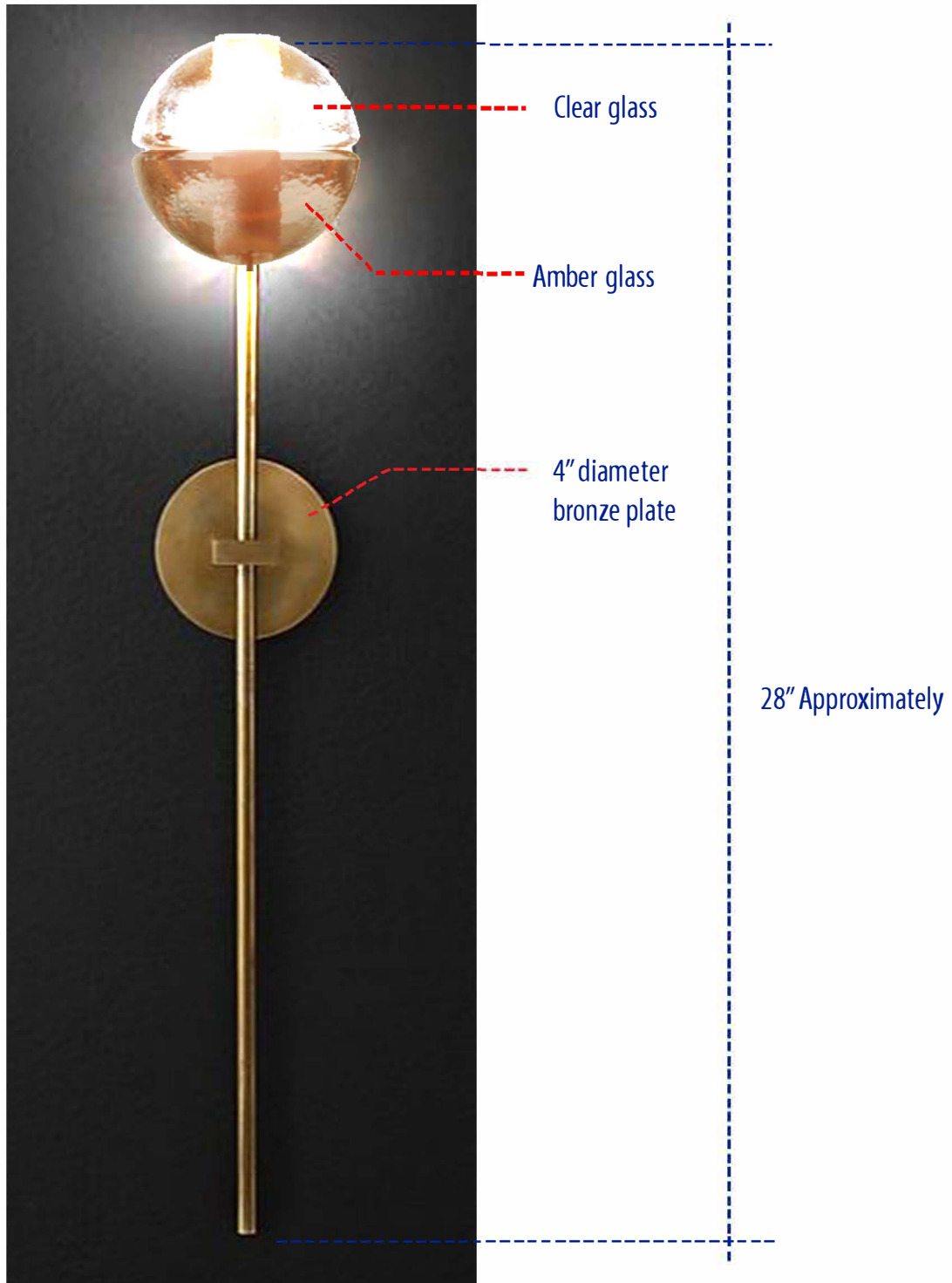
TOLL FREE 1.866.499.3139



- »Inspiration for Design - Bocci Ball Style
- »To be UL Certified
- »Drawings to be provided at a later date

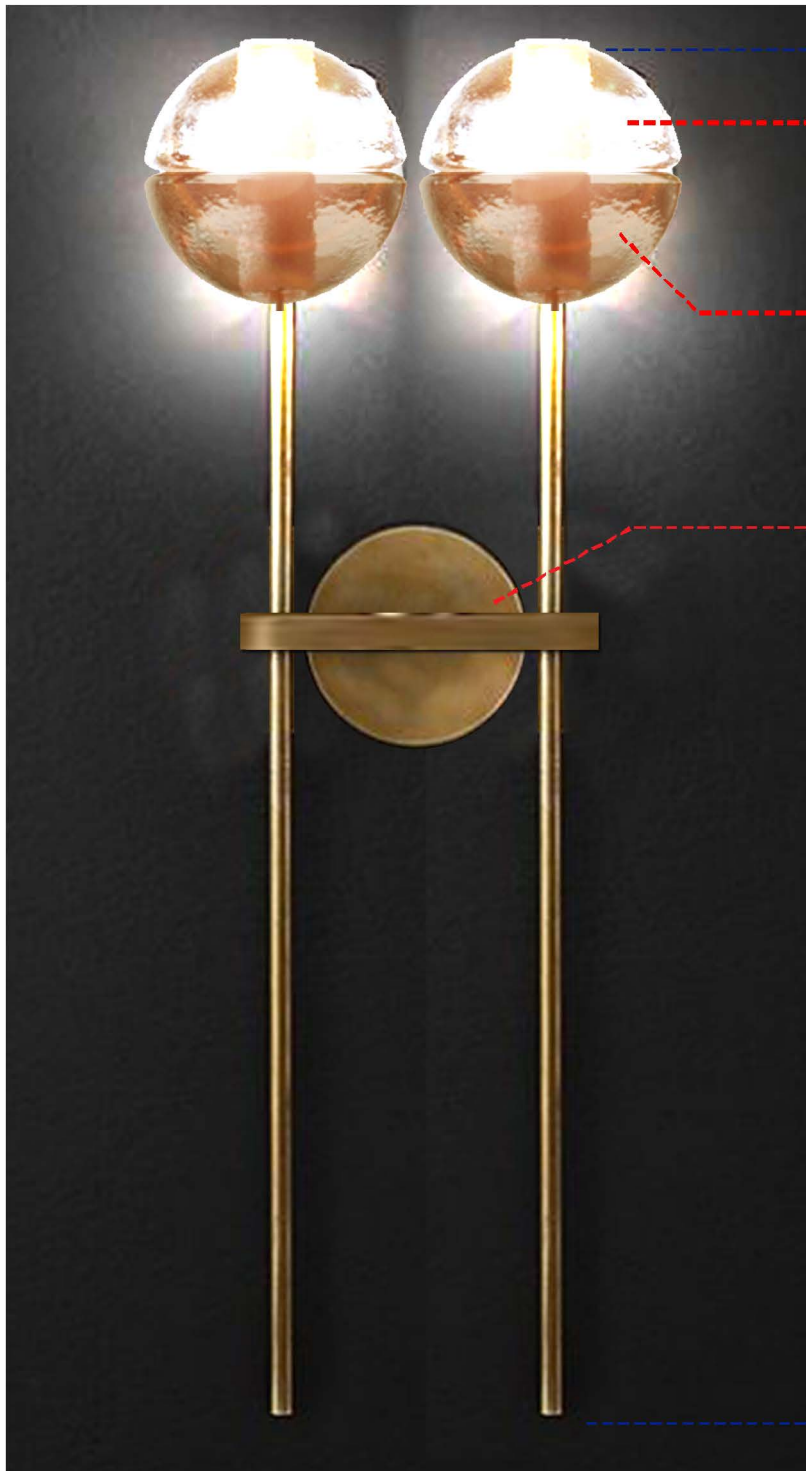
PREPARED FOR	PROJECT NAME	PROJECT TYPE	DATE

WS1
Custom Wall Sconce



Drawings to be provided at a later date

WS2 Custom Wall Sconce



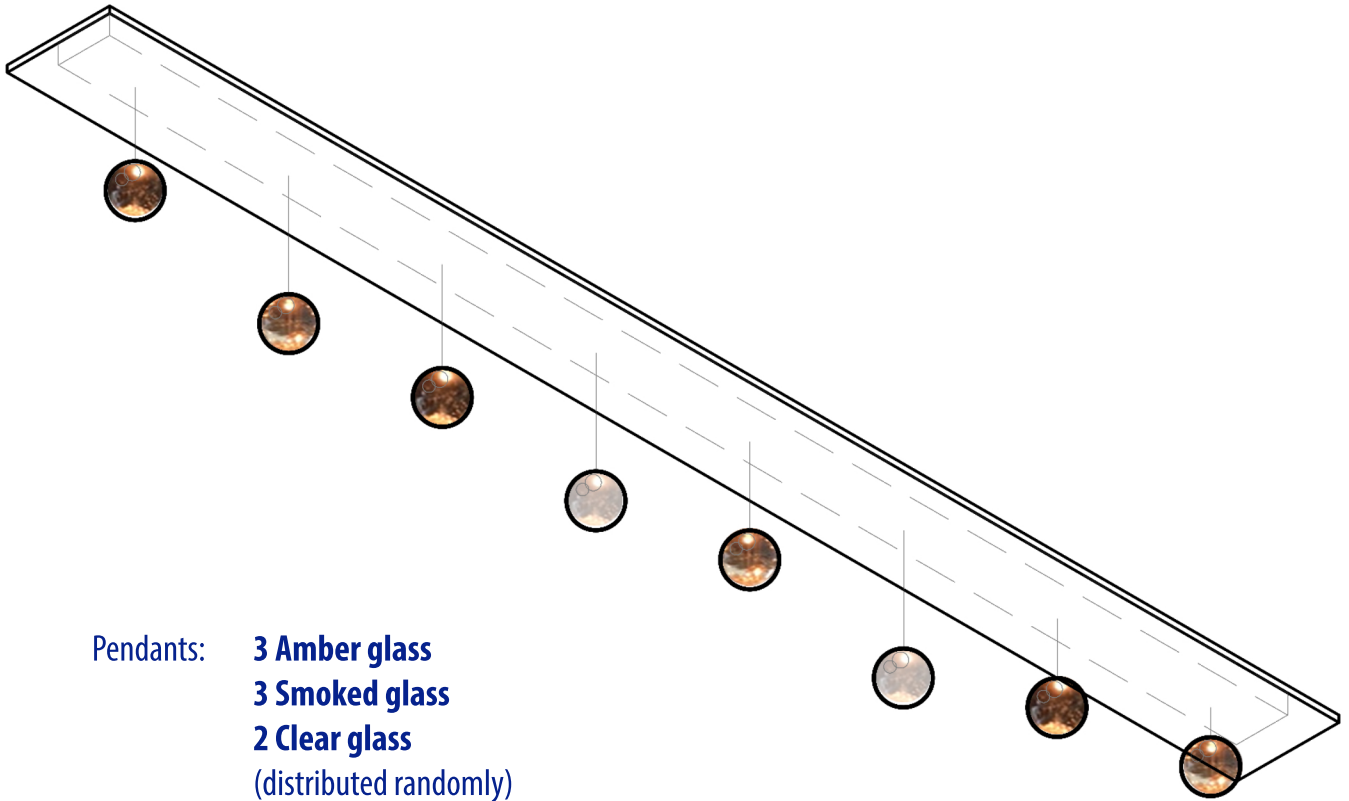
Clear glass

Amber glass

4" diameter
brass plate

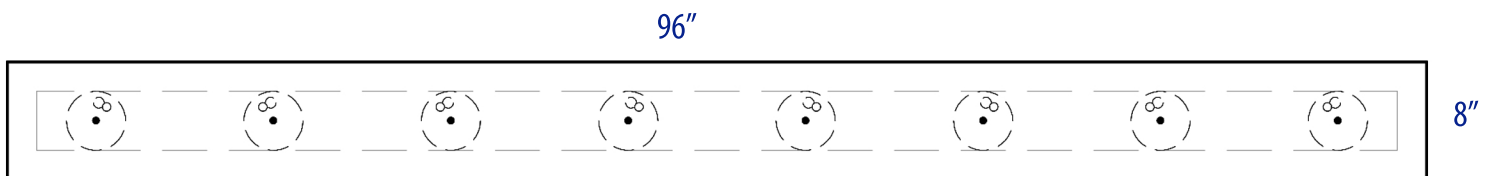
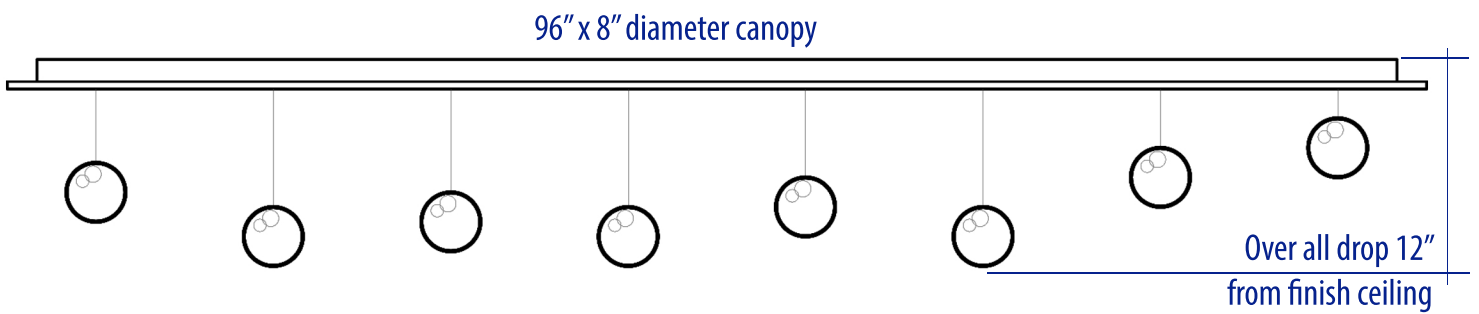
28" Approximately

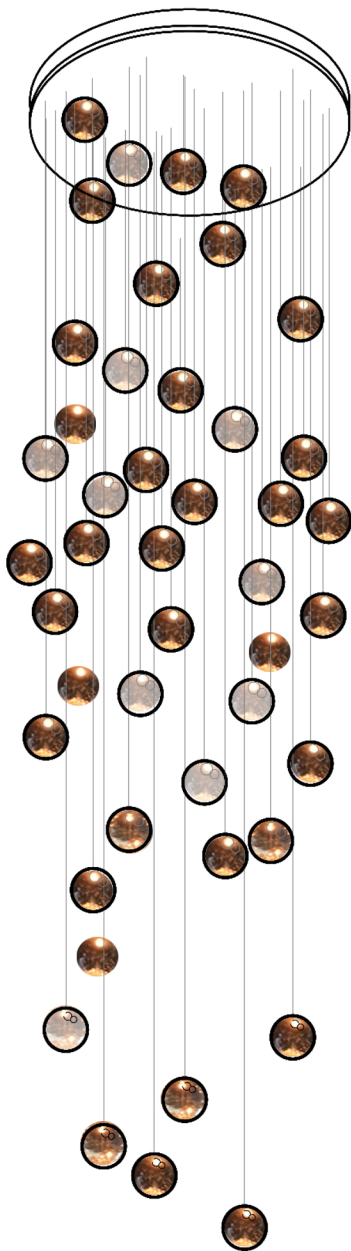
Drawings to be provided at a later date



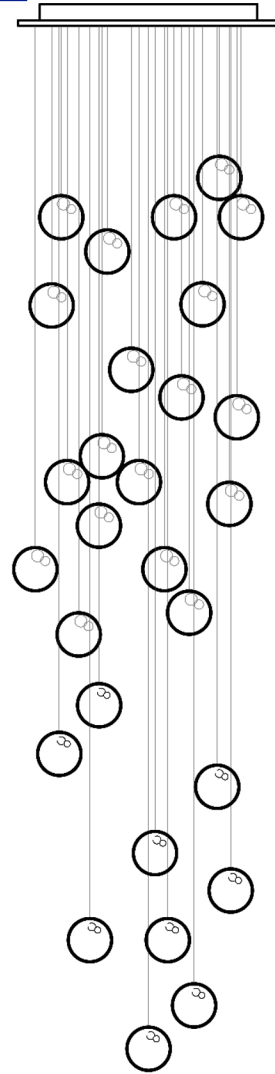
Pendants: **3 Amber glass**
3 Smoked glass
2 Clear glass
 (distributed randomly)

Canopy: 96" x 8" diameter stainless steel mirror finish





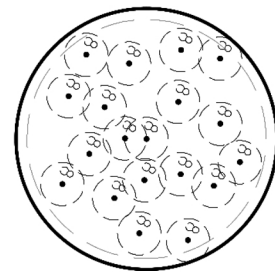
24" diameter canopy

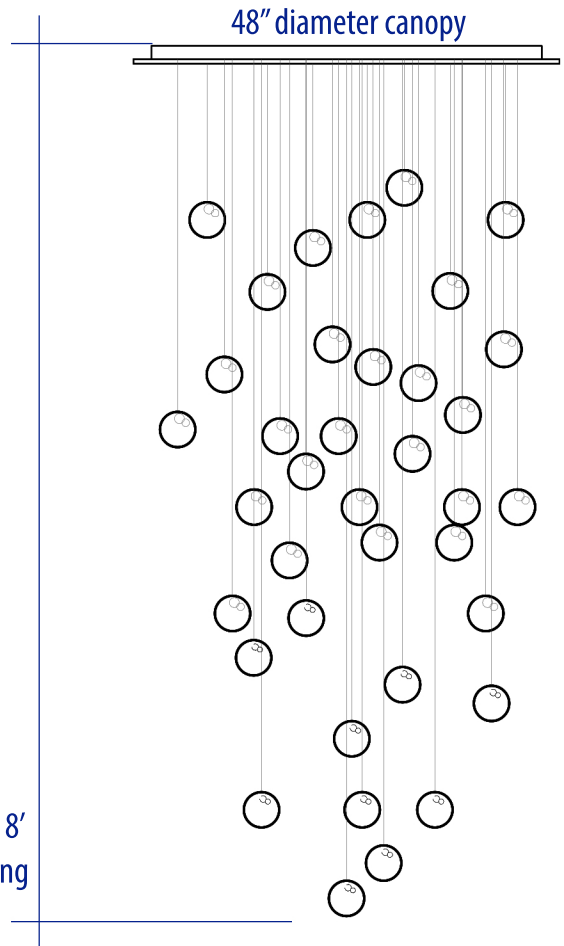
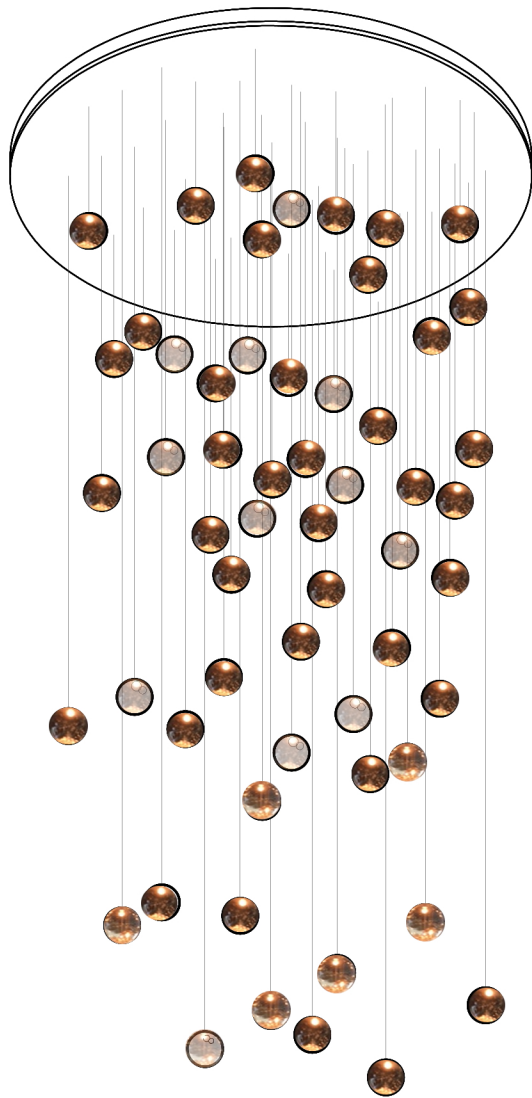


Over all drop 8'
from finish ceiling

Pendants: **10 Amber glass**
10 Smoked glass
5 Clear glass
(distributed randomly)

Canopy: 24" diameter stainless steel mirror finish

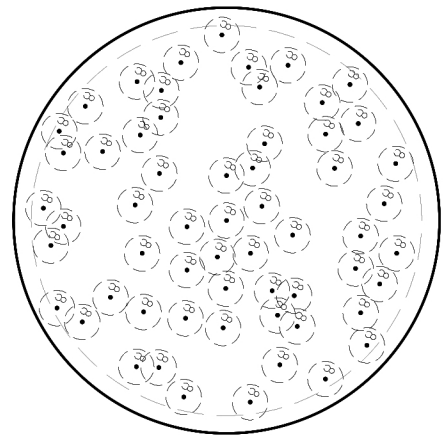




Over all drop 8'
from finish ceiling

Pendants: **20 Amber glass**
20 Smoked glass
10 Clear glass
(distributed randomly)

Canopy: **48" diameter stainless steel mirror finish**



Furniture				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
FU-01	Sofa @ Lobby	TBD		Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FU-03	Round Side Table @ Lobby	TBD		Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FU-04	Credenza @ Lobby	TBD		Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FU-05	Drawers @ PM Office	TBD		Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FU-06	Bookshelf @ PM Office	TBD		Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FU-07	Sofa @ Amenity	TBD		Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FU-08	Dining Tables @Amenity	TBD		Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FU-09	Oval Coffee Table @ Amentiy	TBD		Refer to manual and specification cut sheets for rough in installation and cut out requirements.

FU-10	Side Table @ Amenity	TBD	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FU-11	End Table @ Amenity	TBD	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FU-15	Desk @ PM Office	TBD	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
FU-18	Area Rug @ Lobby	TBD	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
CH-01	Chair @ Lobby	TBD	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
CH-02	Task Chair @ Conceirge/ PM Office	TBD	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
CH-02a	Guest Chair @PM Office	TBD	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
CH-03	Dining Chair	TBD	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
CH-04	Chair @ Amenity	TBD	Refer to manual and specification cut sheets for rough in installation and cut out requirements.

CH-01

Chair @ Amenity

TBD

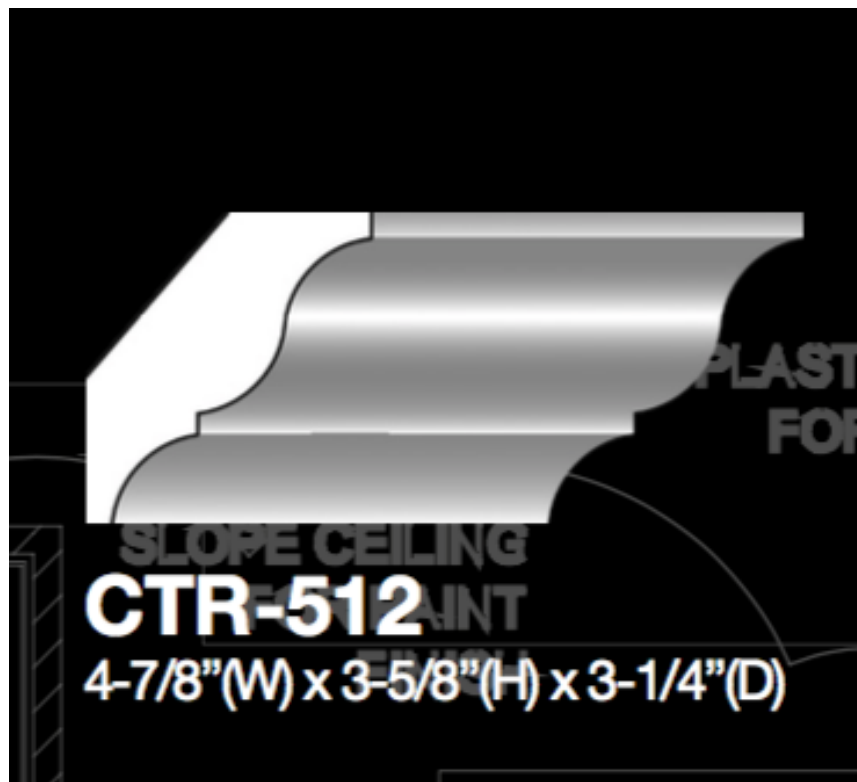
Refer to manual and
specification cut sheets
for rough in installation
and cut out
requirements.

Metal				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
MTL-01	Brass Casing @ Elevator			Refer to manual and specification cut sheets for rough in installation and cut out requirements.
MTL-02	Brass Door @ Elevator			Refer to manual and specification cut sheets for rough in installation and cut out requirements.
MTL-03	Stainless Steel	Schulter	Refer to SCH-01, SCH-02, SCH-03 Specification Sheet	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
MTL-04	Brushed Stainless Steel	Schulter	Refer to SCH-01, SCH-02, SCH-03 Specification Sheet	Refer to manual and specification cut sheets for rough in installation and cut out requirements.

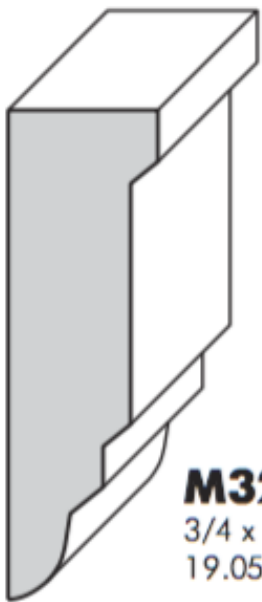
Artwork				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
ART-01	Mail Room Wall Art	TBD		
ART-02	Amenity Wall Art	TBD		
ART-03	Amenity Wall Art	TBD		
ART-04	Amenity Wall Art	TBD		
MR-03	Mirror @ Fitness Room Walls	TBD		
MR-04	Wall art full height framed mirror @Fitness Room	TBD		Leaned against wall behind weight rack.

Moulding/Casing				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
CM-01		Canamould	#CTR-512 4-7/8"(W) x 3-5/8"(H)x 3-1/4"(D)	Refer to Inon Drawings for location and extent.
CM-02		To be supplied by Millworker. Finish to Match Laminate: Formica 7739, Cocoa Maple	To Match Profile CM-01	Refer to Inon Drawings for location and extent.
LC-01		To be supplied by Millworker. Finish to Match Laminate: Formica 7739, Cocoa Maple	CM-01 Profile with Lightcove Extrusion	Refer to Inon Drawings for location and extent.
TR-01		Balmoral	#M327 3/4x1-3/4 Stain to Match Formica 7739, Cocoa Maple	Refer to Inon Drawings for location and extent.
CTR-01		Canamould	#TIC-198 15/16"(H) x 2"(W)	Refer to Inon Drawings for location and extent.
CTR-02		Balmoral	#M158 3/14 x 1.5/8 Stain to Match Formica 7739, Cocoa Maple	Refer to Inon Drawings for location and extent.
C-01		Balmoral	#B780 Stain to Match Formica 7739, Cocoa Maple	Refer to Inon Drawings for location and extent.
C-03		Brenlo	25A Stain to Match Formica 7739, Cocoa Maple	Refer to Inon Drawings for location and extent.

Canamould

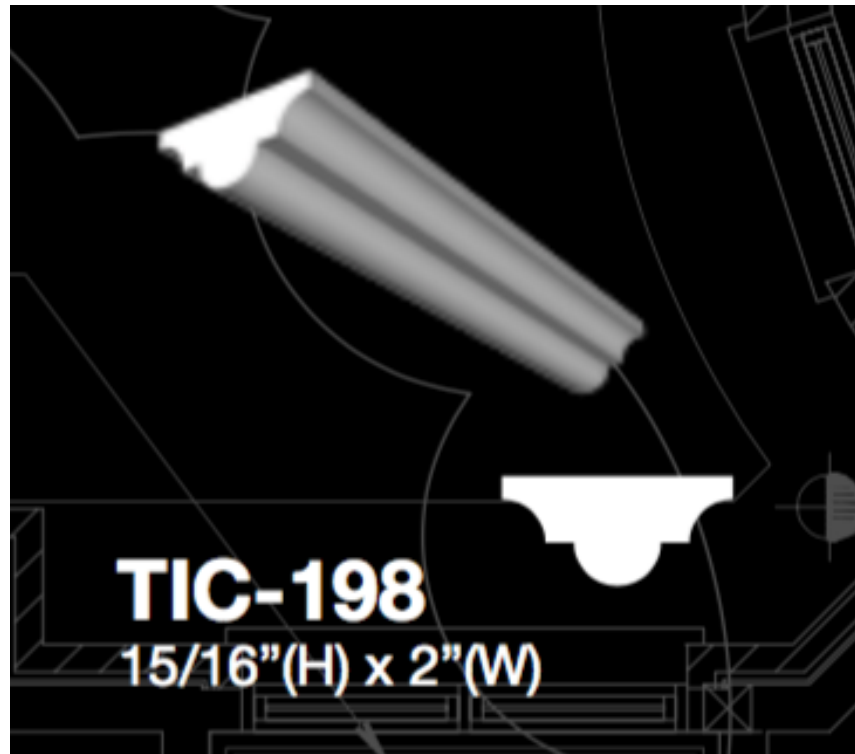


Balmoral

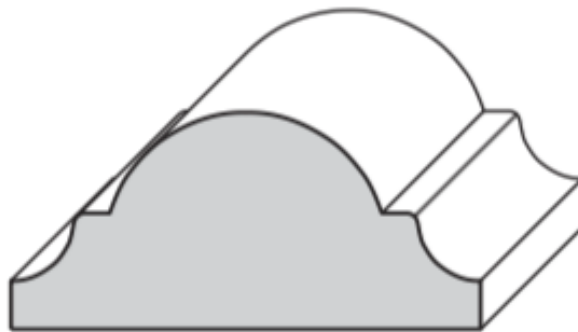


M327
3/4 x 1-3/4
19.05 x 44.45

Canamould



Balmoral

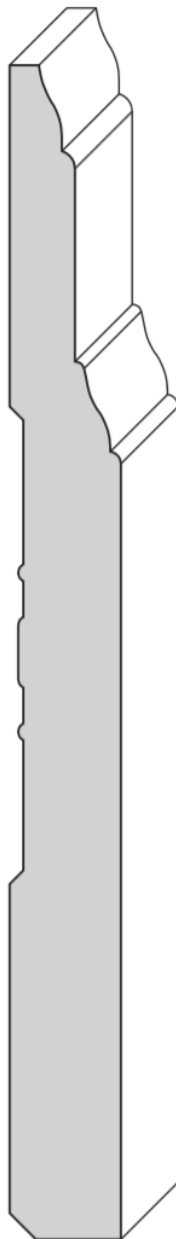


M158

3/4 x 1-5/8

19.05 x 41.28

Balmoral



B780
11/16 x 7-1/4
17.46 x 184.15

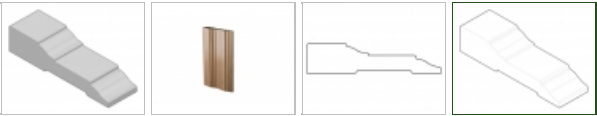
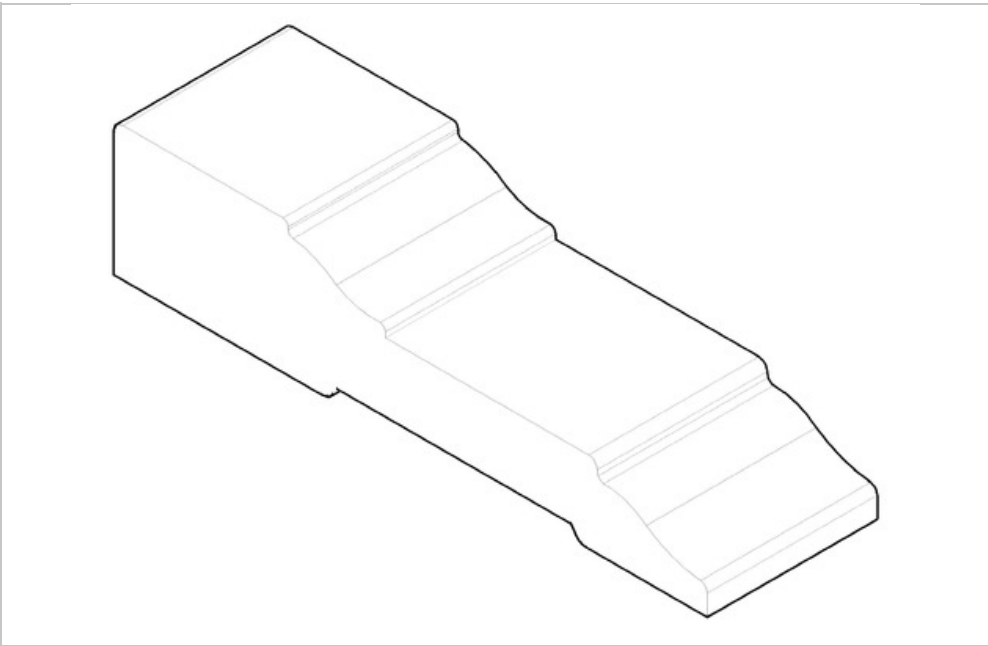
MOULDING / CASINGS

25A
3/4 x 3 1/2

SHARE THIS ADD TO WISHLIST

GET A QUOTE
Talk to a moulding expert at Brenlo today.

PRINT PAGE EMAIL PAGE



CASING 25A WHITEWOOD 3/4" (20mm) x 3 1/2"

DESIGNER COMBINATIONS



Arts & Crafts 2
Arts & Crafts

PRODUCT DETAIL

CATEGORY	MOULDING
TYPE	Casings
CODE (SKU)	25A
JOBSITE CATALOGUE	23
THICKNESS	3/4
WIDTH	3 1/2
STYLE	Arts & Crafts
STOCK SPECIES AVAILABLE (All other species are made to order)	Whitewood, Pine, Maple, Walnut

QUICK SEARCH

SEARCH CASINGS

- » More 3 1/2 (Width) Casings
- » More Arts & Crafts Casings
- » More Whitewood Casings
- » More Pine Casings
- » More Maple Casings
- » More Walnut Casings

SEARCH ALL MOULDING

- » More 3 1/2 (Width) MOULDING
- » More Arts & Crafts MOULDING
- » More Whitewood MOULDING
- » More Pine MOULDING
- » More Maple MOULDING
- » More Walnut MOULDING

LEGEND

Film				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
FLM-01	Frosted Film @ Fire Hose Cabinets	Purifrost	Plain Frosted	Install per manufacturers recommendations. Use required adhesives and underpads as recommended for this application



PLAIN FROST

Frosted privacy films are designed to provide protection against the scrutiny of prying eyes. Whilst completely opalescent, it still allows most natural light to pass through.



PURLFROST® Warranty
5 YEARS



Storage from -5°C to +40°C
3 YEARS



REACH RoHS compliant
RESPECTED

WIDTHS AVAILABLE:



100 cm 122 cm

TECHNICAL DATASHEET

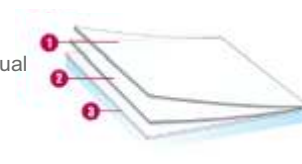
Data calculated based on film applied to clear glass 3 mm thick (*on double glazing 4-16-4)

Ultraviolet transmission	55 %
Visible light transmission	90 %
Reflection of external visible light	15 %
Reflection of internal visible light	15 %
Total solar energy rejected	18 %
Total solar energy rejected 2	19 %
Solar ratio :	
Solar energy reflection	10 %
Solar energy absorption	17 %
Solar energy transmission	73 %
Reduction in Solar Glare	20 %
g-value	0.77
u-value	5.6
Shading coefficient	NC
Installation type : Internal application	
Roll length	50 m
PET / PVC composition	PVC
Thickness	90 µ

Colour :FROSTED

CONSTRUCTION

1. 100µ Frosted monomer PVC
2. Half Permanent Adhesive, allowing the "degassing" of the actual surface, and limits the adhesive transfer during removal
3. Protection release liner, disposable after installation



INSTALLATION ADVICE

Vertical installation and on standard glass surface*

Clear single pane	✓
Tinted single pane	✓
Reflective tinted single pane	✓
Clear double pane	✓
Tinted double pane	✓
Reflective tinted double pane	✓
Gas-filled double pane - Low E	✓
STADIP EXT. clear double pane	✓
STADIP INT. clear double pane	✓

✓ Yes ⚠ Caution ✗ No

*Recommendations provided on the basis of a glazed surface covering up to 2.5m².

MAINTENANCE INSTRUCTIONS

Soapy water solution, do not clean for at least a month and do not apply any type of sticker or adhesive on the film.

Non-contractual data, PURLFROST® reserves the right to modify the composition of its films at any time.

Mirror				
Spec Tag	Location	Supplier/ Contact	Specification/ Colour	Notes
MR-01	Mirror @ Lobby	NGI Designer Glass 905-738-1101	Antique Mirror #9106	Refer to manual and specification cut sheets for rough in installation and cut out requirements.
MR-02	Mirror	NGI Designer Glass 905-738-1101	Bronze Mirror	Refer to manual and specification cut sheets for rough in installation and cut out requirements.