Attachment 1

3404 King Street Scope of Work Narrative

Note: refer to architectural and engineering drawings along with SOW narrative. SOW narrative is not to be used for construction purposes. Completed and permitted architectural and engineering drawings will take priority over the following SOW narrative. MW Design does not take responsibility for any errors or omissions in the following SOW. All permitted drawings will reflect the total scope of work and shall be reviewed in accordance with the local codes and city requirements.

Kitchen:

Demolition work to include but not limited to the following:

1. Protect or remove for storage existing gas range. To be used after remodel
2. Protect or remove for storage existing refrigerator and freezer. To be used after remodel.
3. Remove all flooring up unto the threshold between the kitchen and common gathering space. Refer to floor plans for termination point.
4. Remove all base trim.
5. Mediate any damage to subfloors as needed in preparation for new flooring material.
6. Remove upper and lower cabinets throughout.
7. Remove all countertops, sinks and faucets throughout.
8. Evaluate and repair existing walls for dry rot and water damage. Cap any vacated plumbing and electrical as needed.
9. Remove all switch plates and outlet covers.
10. Remove lighting.

Construction work to include the following:

1. Purchase and install new resilient flooring. Armstrong VCT or similar. Color and pattern to be determined by designer at a later date. https://www.armstrongflooring.com/commercial/en-us/products/vinyl-composition-tile/inspiration.html
2. Purchase and install premanufactured upper and lower cabinets. GC to provide preferred manufacture. Shaker style door faces. White in color.
3. Purchase and install quartz countertops. Cambria or similar. Devon or similar in color. https://www.cambriausa.com/quartz-colors/#!/design/Devon
4. Purchase and install 2 kitchen sinks: one at standard height, one at ADA height. Refer to floor plans for location.
    Sink 1: Kohler Vault 33" stainless steel undermount sink or similar.
    Sink 2 ADA: Kohler Vault 24" stainless steel undermount sink.
5. Purchase and install 2 faucets, Kohler Rival or similar. Chrome finish.
6. Purchase and install 1 garbage disposal at standard sink. In-Sink-Erator Evolution Excel Lift & Latch Quiet Series 1 HP Continuous Feed Garbage Disposal or similar
7. Purchase and install Armstrong 4" rubber base. Color to be determined by designer at a later date.

8. Purchase and install backsplash. Daltile VITRUVIAN or similar. White in color.
   https://www.daltile.com/products/Wall/Vitruvian
9. Purchase and install new outlet cover plates. Lutron or similar
10. Purchase and install new switch plates. Lutron or similar
11. Purchase and install motion sensor light switch. Lutron or similar.
12. Purchase and install 4 new 4" LED recessed can lights. GC to provide standard LED housing with white trim kits.
13. Prime and paint ceiling as needed. Eggshell in finish. Paint to be provided by GC. Color to be selected by designer at a later date.
14. Prime and paint walls as needed. Eggshell in finish. Paint to be provided by GC. Color to be selected by designer at a later date.
15. Purchase and install Bobrick Classic Series Surface Mounted ADA Paper Towel Dispenser Model:B262
16. Reinstall refrigerator, freezer, gas range and dishwasher once all of the construction is complete.

Bathroom 1:

Demolition work to include but not limited to the following
1. Remove all flooring and wall tile.
2. Mediate any damage to subfloors and walls as needed in preparation for new flooring material.
3. Remove all fixtures, toilet, vanity, shower pan, shower doors and ADA grab bars.

Construction work to include the following:
1. Purchase and install new roll in shower pan and center drain.
2. Purchase and install Armstrong VCT or similar. Color and pattern to be determined by designer at a later date.
3. Purchase and install new Kohler Highline ADA toilet, or similar.
4. Purchase and install new Soho 20" ADA compliant sink, or similar.
5. Purchase and install new Kohler Simplice ADA compliant faucet, or similar.
6. Purchase and install new 36" and 42" ADA grab bars at toilet, Bobrick or similar.
7. Purchase and install new surface mounted toilet seat cover linings, Bobrick or similar.
8. Purchase and install new surface mounted sanitary waste container, Bobrick or similar.
9. Purchase and install new surface mounted paper towel dispenser, Bobrick or similar.
10. Purchase and install new Daltile Color Wheel Classic wall tile in shower only, or similar. Color and style to be selected by designer at a later date.
11. Purchase and install Kohler Purist ADA shower fixtures, or similar.
12. Purchase and install Bobrick ADA shower seat.
13. Purchase and install Bobrick ADA shower grab bars.
14. Purchase and install Bobrick 60" shower curtain rod
15. Purchase and install Bobrick 36" towel bar.
16. Purchase and install Bobrick towel / robe hook.
17. Prime and paint entire bathroom, color to be selected by designer at a later date.
18. Purchase and install new Panasonic Whisper exhaust fan with dedicated switch.
19. Purchase and install new surface mounted above mirror sconce, style to be selected by designer at a later date.
20. Purchase and install Bobrick surface mounted vanity mirror.
21. Purchase and install Bobrick surface mounted toilet paper holder.

22. Purchase and install Bobrick wall mounted waste receptacle.

Bathroom 2:

Demolition work to include but not limited to the following:

1. Remove all flooring and wall tile.
2. Mediate any damage to subfloors and walls as needed in preparation for new flooring material.
3. Remove all fixtures, toilet, vanity, shower pan, shower doors and ADA grab bars.
4. Remove walls between two existing bathrooms and hallway as indicated on the plans.
5. Remove existing hallway closet as indicated on the plans

Construction work to include the following:

1. GC to frame all new walls in accordance to industry standards as indicated in the plans.
2. Purchase and install new roll in shower pan and center drain.
3. Purchase and install Armstrong VCT or similar. Color and pattern to be determined by designer at a later date.
4. Purchase and install new Kohler Highline ADA toilet, or similar.
5. Purchase and install new Soho 20" ADA compliant sink, or similar.
6. Purchase and install new Kohler Simplice ADA compliant faucet, or similar.
7. Purchase and install new 36" and 42" ADA grab bars at toilet, Bobrick or similar.
8. Purchase and install new surface mounted toilet seat cover linings, Bobrick or similar.
9. Purchase and install new surface mounted sanitary waste container, Bobrick or similar.
10. Purchase and install new surface mounted paper towel dispenser, Bobrick or similar.
11. Purchase and install new Daltile Color Wheel Classic wall tile in shower only, or similar. Color and style to be selected by designer at a later date.
12. Purchase and install Kohler Purist ADA shower fixtures, or similar.
13. Purchase and install Bobrick ADA shower seat.
14. Purchase and install Bobrick ADA shower grab bars.
15. Purchase and install Bobrick 36" shower curtain rod
16. Purchase and install Bobrick 36" towel bar.
17. Purchase and install Bobrick towel / robe hook.
18. Prime and paint entire bathroom, color to be selected by designer at a later date.
19. Purchase and install new Panasonic Whisper exhaust fan with dedicated switch.
20. Purchase and install new surface mounted above mirror sconce, style to be selected by designer at a later date.
21. Purchase and install Bobrick surface mounted vanity mirror.
22. Purchase and install Bobrick surface mounted toilet paper holder.
23. Purchase and install Bobrick wall mounted waste receptacle.
24. Install new GFCI outlet located near vanity, as indicated on plans.

Bathroom 3:

Demolition work is included in SOW for bathroom

Construction work to include the following:

1. Purchase and install Armstrong VCT or similar. Color and pattern to be determined by designer at a later date.
2. Purchase and install new Kohler Highline ADA toilet, or similar.
3. Purchase and install new Soho 20" ADA compliant sink, or similar.

4. Purchase and install new Kohler Simplice ADA compliant faucet, or similar.
5. Purchase and install new 36" and 42" ADA grab bars at toilet, Bobrick or similar.
6. Purchase and install new surface mounted toilet seat cover linings, Bobrick or similar.
7. Purchase and install new surface mounted sanitary waste container, Bobrick or similar.
8. Purchase and install new surface mounted paper towel dispenser, Bobrick or similar.
9. Purchase and install Bobrick 36" towel bar.
10. Prime and paint entire bathroom, color to be selected by designer at a later date.
11. Purchase and install new Panasonic Whisper exhaust fan with dedicated switch.
12. Purchase and install new surface mounted above mirror sconce, style to be selected by designer at a later date.
13. Purchase and install Bobrick surface mounted vanity mirror.
14. Purchase and install Bobrick surface mounted toilet paper holder.
15. Purchase and install Bobrick wall mounted waste receptacle.
16. Install new GFCI outlet located near vanity, as indicated on plans.
17. Install new motion sensor light switch as indicated on plans.

Exterior Foundation Repair:

Note: refer to engineering drawings along with scope of work narrative. SOW narrative is not to be used for construction purposes. Completed and permitted engineering drawings will take priority over the following SOW narrative.

1. Remove stucco located near the end of the building / exterior stairs by recycling bin. Refer to engineer's drawings for location and total extent of demolition.
2. Remove concrete path located at the back of the building. Refer to engineer's drawings for total extent of demolition.
3. Excavate area at existing foundation. Provide shoring as needed. Refer to engineer's drawings for total extent of excavation and shoring requirements.
4. Drill a ¾ inch hole from below, to connect rebars with Epoxy, minimum penetration is 8 inch. Refer to engineer's drawings.
5. Purchase and Install required rebar. Refer to engineer's drawings.
6. Purchase and pour 3,000 PSI concrete to each hole, roughly 2 cubic yards of concrete. Refer to engineer's drawings.
7. Purchase and install 17 gauge stucco mesh.
8. Apply Three coats of stucco, scratch, brown and finish coat. Stucco to match color of existing building.
9. Repair damage to interior walls as needed.
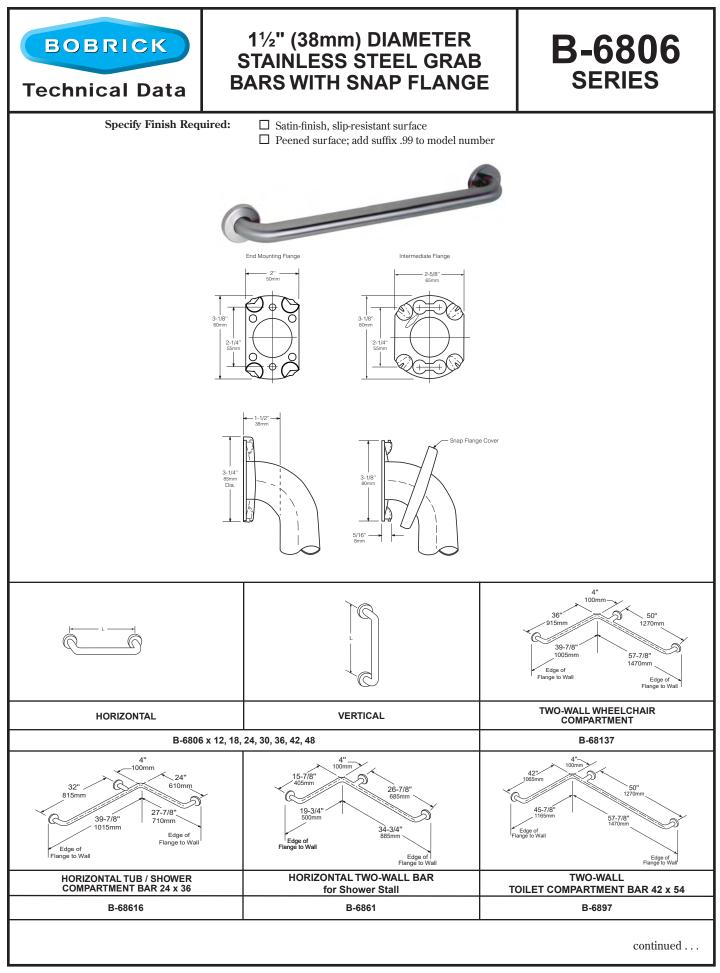
Security Gate:

1. Remove and dispose of current security gate.
2. Install new metal automatic security gate with keypad.

Window Replacement:

1. Remove all existing windows.
2. Install new Marvin Essential windows or similar.
3. Replace and paint window trim.

Bathroom Specifications

Specify Finish Required:
☐ Satin-finish, slip-resistant surface
☐ Peened surface; add suffix .99 to model number

End Mounting Flange

2"
50mm

3-1/8"
80mm

2-1/4"
55mm

Intermediate Flange

2-5/8"
65mm

3-1/8"
80mm

2-1/4"
55mm

1-1/2"
38mm

3-1/4"
85mm
Dia.

Snap Flange Cover

3-1/8"
80mm

5/16"
8mm

HORIZONTAL	VERTICAL	TWO-WALL WHEELCHAIR COMPARTMENT
L	L	4" / 100mm — 36" / 915mm — 50" / 1270mm — 39-7/8" / 1005mm — 57-7/8" / 1470mm — Edge of Flange to Wall
B-6806 x 12, 18, 24, 30, 36, 42, 48		**B-68137**

HORIZONTAL TUB / SHOWER COMPARTMENT BAR 24 x 36	HORIZONTAL TWO-WALL BAR for Shower Stall	TWO-WALL TOILET COMPARTMENT BAR 42 x 54
4" / 100mm — 32" / 815mm — 24" / 610mm — 39-7/8" / 1015mm — 27-7/8" / 710mm — Edge of Flange to Wall	4" / 100mm — 15-7/8" / 405mm — 26-7/8" / 685mm — 19-3/4" / 500mm — 34-3/4" / 885mm — Edge of Flange to Wall	42" / 1065mm — 4" / 100mm — 50" / 1270mm — 45-7/8" / 1165mm — 57-7/8" / 1470mm — Edge of Flange to Wall
B-68616	**B-6861**	**B-6897**

MATERIALS:

Grab Bar — 18-8 S, type-304, 18-gauge (1.2mm) stainless steel tubing with satin-finish, slip-resistant surface. 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.

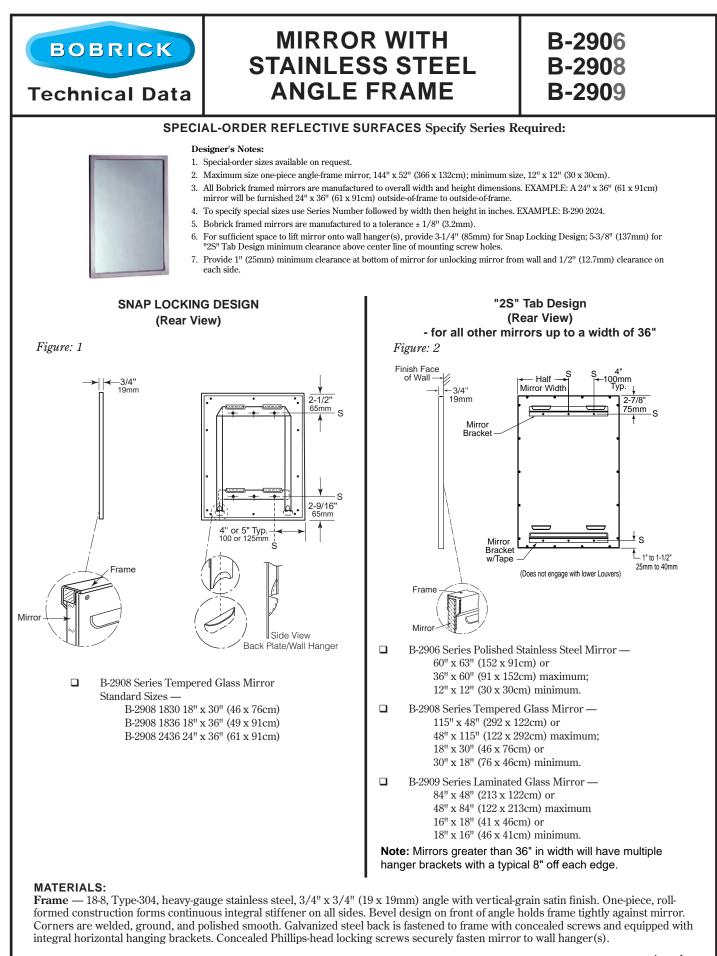| WingIt™ Fastener No.	Description
251-4	Consists of 10–32 x 5/16" round-head, Phillips 18/8 stainless steel screws. (1) WingIt grab bar fastener.

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, slip-resistant surface. 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.

The illustrations and descriptions herein are applicable to production as of the date of this Technical Data Sheet. The manufacturer reserves the right to, and does from time to time, make changes and improvements in designs and dimensions.

B-6806 Rev. 11/11/19 S/B   Printed in U.S.A.
© 2019 by Bobrick Washroom Equipment, Inc.

BOBRICK

Technical Data

MIRROR WITH STAINLESS STEEL ANGLE FRAME

B-2906
B-2908
B-2909

SPECIAL-ORDER REFLECTIVE SURFACES Specify Series Required:

Designer's Notes:

1. Special-order sizes available on request.
2. Maximum size one-piece angle-frame mirror, 144" x 52" (366 x 132cm); minimum size, 12" x 12" (30 x 30cm).
3. All Bobrick framed mirrors are manufactured to overall width and height dimensions. EXAMPLE: A 24" x 36" (61 x 91cm) mirror will be furnished 24" x 36" (61 x 91cm) outside-of-frame to outside-of-frame.
4. To specify special sizes use Series Number followed by width then height in inches. EXAMPLE: B-290 2024.
5. Bobrick framed mirrors are manufactured to a tolerance ± 1/8" (3.2mm).
6. For sufficient space to lift mirror onto wall hanger(s), provide 3-1/4" (85mm) for Snap Locking Design; 5-3/8" (137mm) for "2S" Tab Design minimum clearance above center line of mounting screw holes.
7. Provide 1" (25mm) minimum clearance at bottom of mirror for unlocking mirror from wall and 1/2" (12.7mm) clearance on each side.

SNAP LOCKING DESIGN
(Rear View)

Figure: 1

3/4"
19mm

2-1/2"
65mm
S

S

2-9/16"
65mm

4" or 5" Typ.
100 or 125mm
S

Frame

Mirror

Side View
Back Plate/Wall Hanger

❑   B-2908 Series Tempered Glass Mirror Standard Sizes —
   B-2908 1830 18" x 30" (46 x 76cm)
   B-2908 1836 18" x 36" (49 x 91cm)
   B-2908 2436 24" x 36" (61 x 91cm)

"2S" Tab Design
(Rear View)
- for all other mirrors up to a width of 36"

Figure: 2

Finish Face of Wall

3/4"
19mm

Half Mirror Width

S   S   4"
100mm
Typ.

2-7/8"
75mm
S

Mirror Bracket

S

Mirror Bracket w/Tape

1" to 1-1/2"
25mm to 40mm

(Does not engage with lower Louvers)

Frame

Mirror

❑   B-2906 Series Polished Stainless Steel Mirror —
   60" x 63" (152 x 91cm) or
   36" x 60" (91 x 152cm) maximum;
   12" x 12" (30 x 30cm) minimum.

❑   B-2908 Series Tempered Glass Mirror —
   115" x 48" (292 x 122cm) or
   48" x 115" (122 x 292cm) maximum;
   18" x 30" (46 x 76cm) or
   30" x 18" (76 x 46cm) minimum.

❑   B-2909 Series Laminated Glass Mirror —
   84" x 48" (213 x 122cm) or
   48" x 84" (122 x 213cm) maximum
   16" x 18" (41 x 46cm) or
   18" x 16" (46 x 41cm) minimum.

Note: Mirrors greater than 36" in width will have multiple hanger brackets with a typical 8" off each edge.

MATERIALS:
Frame — 18-8, Type-304, heavy-gauge stainless steel, 3/4" x 3/4" (19 x 19mm) angle with vertical-grain satin finish. One-piece, roll-formed construction forms continuous integral stiffener on all sides. Bevel design on front of angle holds frame tightly against mirror. Corners are welded, ground, and polished smooth. Galvanized steel back is fastened to frame with concealed screws and equipped with integral horizontal hanging brackets. Concealed Phillips-head locking screws securely fasten mirror to wall hanger(s).

continued . . .

Designer's Note: Type-304 stainless steel provides superior corrosion resistance, compared to 400 Series stainless steel, against enviromental moisture, hose-down maintenance and strong cleaning solution.

Mirror — (B-2906 Series) Stretcher leveled stainless steel with reflective, highly polished strip finish. Tempered masonite backing.

(B-2908 Series) No. 1 quality, 1/4" (6mm) tempered select float glass: selected for silvering and electrolytically copper-plated by the galvanic process.

(B-2909 Series) 1/4" (6mm) thick. Two pieces of 1/8" (3mm) select float glass: selected for silvering, laminated with 0.015" (0.38mm) thick clear vinyl in the center, and electrolytically copper-plated by the galvanic process.

Note: These reflective surfaces resist breakage and provide a measure of safety from broken glass, but differ in color and reflective quality from standard glass mirrors.

All edges protected by plastic filler strips. Backs of all glass mirrors are protected by full-size, shock-absorbing, water-resistant, nonabrasive, 3/16" (5mm) thick polyethylene padding.

Concealed Wall Hanger — For snap locking design: Heavy gauge steel construction. Incorporates upper and lower members, which engage backplate louvers to keep mirror against the wall. For "2S"-Tab design: Incorporates upper bracket engaging in upper louver and double sided tape below the bottom louver securing mirror to concealed wall hanger.
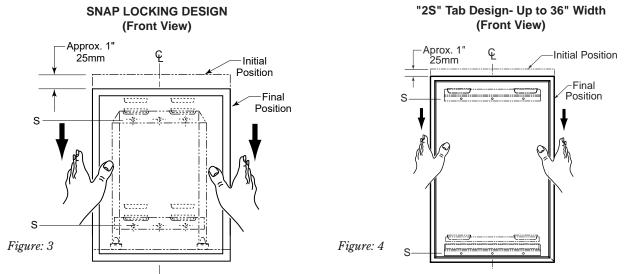
INSTALLATION:

Mount wall hanger on wall with screws (not furnished) at points indicated by an S. For plaster or dry wall construction, provide backing to comply with local building codes, then secure wall hanger with screws (not furnished). When providing a concealed backing, allow backing to cover range of mounting hole locations shown on drawing. For other wall surfaces, provide fiber plugs or expansion shields for use with screws (not furnished), or provide 1/8" (3mm) toggle bolts or expansion bolts.

Snap Locking Design: Hang mirror on wall hanger with all four backplate louvers engaged behind horizontal wall hanger members. To do this, mirror must be centered in front of the wall hanger horizontally, pressed flat against the wall approximately 1" (25mm) above final position and then lowered into final position.

"2S" Tab Design: Comprises of two brackets, while the bottom one is furnished with double side tape. Bottom hanger bracket's mounting holes must be 1" - 1 1/2" above mirror's bottom edge. Note: Bottom hanger bracket is not supposed to engage with louvers of mirror's backplate. Hang mirror on wall top hanger bracket with the top two louvers engaged behind top wall hanger bracket.To do this, mirror must be centered in front of the wall hanger horizontally, pressed only at the top against the wall approx. 1" (25mm) above final position an then lowered into final position. When lowering, pull mirror's bottom edge off the wall by preventing bottom bracket from engaging. Once lowered, mirror must be pressed against wall to engage with double sided tape of lower wall hangar bracket.
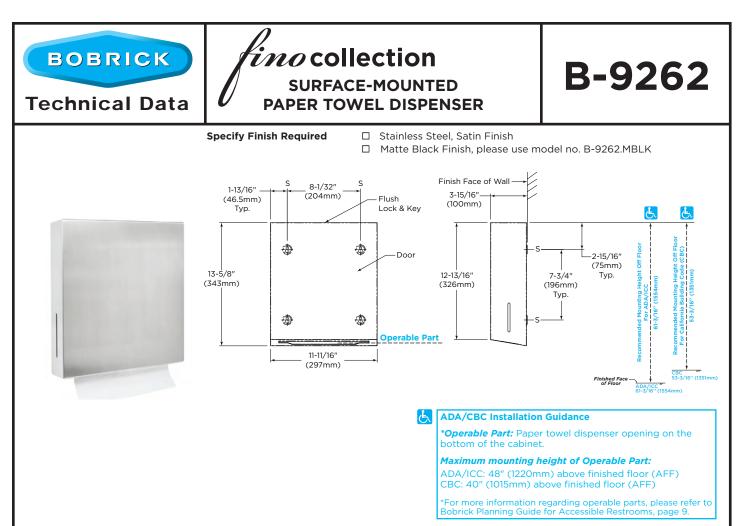
Snap Locking Design — Locking devices automatically secure mirror to concealed wall hanger when it is lowered into final position (see figure 3). Locking devices may be unlocked by inserting two flat blade screwdrivers behind each side of mirror near the bottom or under the bottom of the mirror and pulling mirror bottom forward and then up.

"2S" Tab Design — Double-sided tape secures mirror to concealed wall hanger by pressing mirror against double sided tape of lower hanger once it is lowered into final position (see figure 4).

SNAP LOCKING DESIGN
(Front View)

Figure: 3

"2S" Tab Design- Up to 36" Width
(Front View)

Figure: 4

SPECIFICATION:

Mirror shall have a one-piece Type-304 stainless steel angle frame, 3/4" x 3/4" (19 x 19mm) with continuous integral stiffener on all sides and beveled front to hold frame tightly against mirror; corners shall be welded, ground, and polished smooth; all exposed surfaces shall have satin finish with vertical grain. Mirror shall be _____ (insert one: polished stainless steel, tempered glass, or laminated glass). All edges shall be protected by plastic filler strips. Backs of all glass mirrors shall be protected by full-size, shock-absorbing, water-resistant, nonabrasive, 3/16" (5mm) thick polyethylene padding. Galvanized steel back shall have integral horizontal hanging brackets located at top for mounting on concealed rectangular wall hanger.

Framed Mirror 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.

The illustrations and descriptions herein are applicable to production as of the date of this Technical Data Sheet.
The manufacturer reserves the right to, and does from time to time, make changes and improvements in designs and dimensions.

B-2906 r4/23/21 R/B   Printed in U.S.A.
© 2021 by Bobrick Washroom Equipment, Inc.

BOBRICK
Technical Data

fino collection
SURFACE-MOUNTED
PAPER TOWEL DISPENSER

B-9262

Specify Finish Required

☐ Stainless Steel, Satin Finish
☐ Matte Black Finish, please use model no. B-9262.MBLK

ADA/CBC Installation Guidance

Operable Part: Paper towel dispenser opening on the bottom of the cabinet.

Maximum mounting height of Operable Part:
ADA/ICC: 48″ (1220mm) above finished floor (AFF)
CBC: 40″ (1015mm) above finished floor (AFF)

*For more information regarding operable parts, please refer to Bobrick Planning Guide for Accessible Restrooms, page 9.

MATERIALS:

Cabinet — Unit is of type 304 gauge, 18 gauge (1,2mm) stainless steel. All heliarc welded construction with well defined edges and corners. Cabinet is connected to backplate via a hinge at the unit's rear bottom, which prevents paper towels from falling out when opening. Cabinet-swing-limiter allows cabinet to open down to a horizontal position, which eases refill of paper towels and prevents cabinet from harming the wall when opening. Integrated TowelMate˙. Equipped with a tumbler lock keyed like other Bobrick washroom accessories. Lock is on top of unit and flush with the surface - no protrusion. Unit shall be capable of dispensing 400 C-fold or 525 multifold paper towels 2-1/2″ to 3-13/16″ (64–97mm) deep.

Backplate — Has recessed key lock mounting holes to prevent mounting screw heads from snapping towels 18-8, type-304, 18 gauge (1.2mm).

TowelMate˙ — part no. 262-130. Module,Type 304, 24-gauge (0.6mm) stainless steel. Black, 3/8″ (10mm) diameter Nylon 6/6 Rod fastened to Module with two stainless steel sheet metal screws.

OPERATION:

Unit dispenses C-fold or multifold paper towels 2-1/2″ to 3-13/16″ (64–97mm) deep without adjustment or use of adapters. After unlocking with key provided, cabinet swings down for loading paper towels into cabinet. Load paper onto the TowelMate within the cabinet, and then pull one sheet of paper towel over the TowelMate towel rod and out to conceal rod and start dispense. Slots in sides of cabinet indicate refill time. After unlocking with key provided, cabinet swings down for loading paper towels into cabinet.

5-Year Limited Warranty — In addition to Bobrick's one-year guarantee, Bobrick extends a limited 5-year warranty from the date of purchase on all parts for model B-9262. This warranty is limited to the repair or exchange of defective parts at the option of Bobrick and is only extended to the original owner of the installed unit against defects in factory workmanship or material under normal use and service.
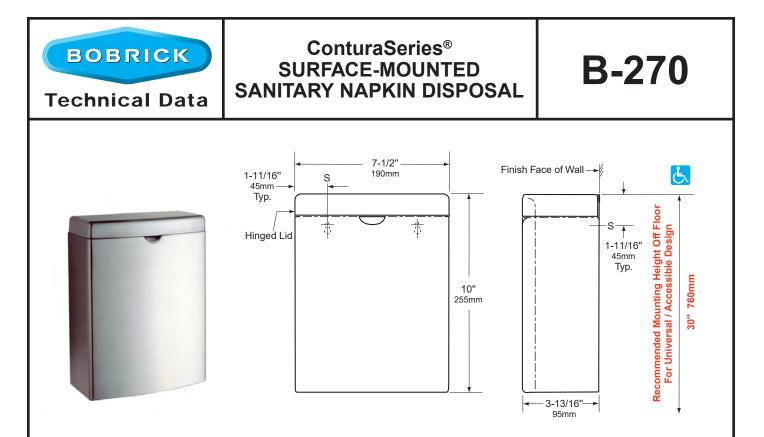
INSTALLATION:

Mount unit on wall with four #10 x 1-1/4″ sheet-metal mounting screws (not furnished) at points indicated by an *S*. For plaster or dry wall construction, provide concealed backing to comply with local buil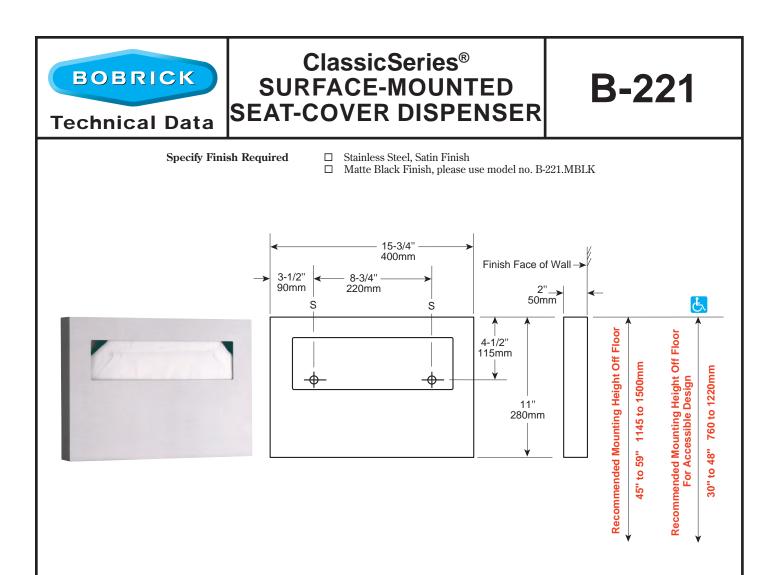ding codes, then secure unit with sheet-metal screws. For other wall surfaces, provide fiber plugs or expansion shields for use with sheet-metal screws, or provide 1/8″ (3mm) toggle bolts or expansion bolts.

SPECIFICATION:

Unit is of type 304 gauge (1,2mm) stainless steel. All heliarc welded construction with well defined edges and corners. Cabinet is connected to backplate via a hinge at the unit's rear bottom, which prevents paper towels from falling out when opening. Door-limiter allows cabinet to open down to a horizontal position, which eases refill of paper towels and prevents cabinet from harming the wall when opening. Integrated TowelMate. Backplate has recessed key lock mounting holes to prevent mounting screw heads from snapping towels. Unit shall be capable of dispensing 400 C-fold or 525 multifold paper towels 2-1/2″ to 3-13/16″ (64–97mm) deep without adjustment or use of adapters.

Surface-Mounted Paper Towel Dispenser shall be Model B-9262 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.

The illustrations and descriptions herein are applicable to production as of the date of this Technical Data Sheet.
The manufacturer reserves the right to, and does from time to time, make changes and improvements in designs and dimensions.

Revised 1/16/23
© 2023 by Bobrick Washroom Equipment, Inc.

BOBRICK
Technical Data

ConturaSeries®
SURFACE-MOUNTED
SANITARY NAPKIN DISPOSAL

B-270

1-11/16"
45mm
Typ.

S

7-1/2"
190mm

Hinged Lid

10"
255mm

Finish Face of Wall

S

1-11/16"
45mm
Typ.

3-13/16"
95mm

Recommended Mounting Height Off Floor
For Universal / Accessible Design

30" 760mm

MATERIALS:

Container — 18-8, type-304, 22-gauge (0.8mm) stainless steel. All-welded construction. Exposed surfaces have satin finish. Integral finger depression for opening cover. Front of container has same degree of arc as front of cover and other Bobrick ConturaSeries washroom accessories. Radius on side edges of container match corners and edges of cover and other ConturaSeries accessories.

Cover — 18-8, type-304, 22-gauge (0.8mm) stainless steel with satin finish. Drawn, one-piece, seamless construction. Front of cover has same degree of arc as front of container and other Bobrick Contura Series washroom accessories. Radius on corners and edges of cover match side edges of container and other Contura Series accessories. Secured to container with a full-length stainless steel piano-hinge.

OPERATION:
Cover flips up for disposal of sanitary napkins and for servicing container.

INSTALLATION:

For partitions with particle-board or other solid core, secure with two #8 x 3/4" (4.2 x 19mm) sheet-metal screws (not furnished) at all points indicated by an *S*, or provide through-bolts, nuts, and washers.

For hollow-core metal partitions, provide solid backing into which sheet-metal screws can be secured. If two units are installed back-to-back, then provide threaded sleeves and machine screws for the full thickness of partition.

For masonry walls, provide fiber plugs or expansion shields for use with sheet-metal screws, or provide 3/16" (5mm) toggle bolts or expansion bolts.

For plaster or dry wall construction, provide concealed backing to comply with local building codes, then secure unit with sheet-metal screws.

SPECIFICATION:

Surface-mounted sanitary napkin disposal shall be type-304 stainless steel with all-welded construction; exposed surfaces shall have satin finish. Front of sanitary napkin disposal shall have same degree of arc and match other Bobrick ConturaSeries accessories in the washroom. Radius on corners and edges of sanitary napkin disposal shall complement other Bobrick ConturaSeries washroom accessories. Cover shall be drawn, one-piece, seamless construction and secured to container with a full-length stainless steel piano-hinge. Container shall have integral finger depression for opening cover.

Surface-Mounted Sanitary Napkin Disposal shall be Model B-270 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

**ClassicSeries®
SURFACE-MOUNTED
SEAT-COVER DISPENSER**

B-221

Specify Finish Required

☐ Stainless Steel, Satin Finish
☐ Matte Black Finish, please use model no. B-221.MBLK

15-3/4"
400mm

3-1/2"
90mm

8-3/4"
220mm

S   S

Finish Face of Wall →

2"
50mm

4-1/2"
115mm

11"
280mm

Recommended Mounting Height Off Floor   45" to 59" 1145 to 1500mm

Recommended Mounting Height Off Floor For Accessible Design

30" to 48" 760 to 1220mm

MATERIALS:

18-8, type-304, 22-gauge (0.8mm) stainless steel with satin finish. All-welded construction with beveled opening.

OPERATION:

Dispenses single- or half-fold paper toilet seat covers from beveled opening. Dispenser fills from bottom through concealed opening. Capacity: 250 toilet seat covers or one box.

INSTALLATION:

Mount unit on wall or toilet partition with two flat-head screws, not furnished by manufacturer, at points indicated by an *S*. For plaster or dry wall construction, provide concealed backing that complies with local building codes, then secure unit with flat-head screws not furnished. For other wall surfaces, provide fiber plugs or expansion shields for use with screws, not furnished, or provide 1/8" (3mm) toggle bolts or expansion bolts.

Note: Provide a 5" (125mm) minimum clearance from bottom of dispenser to top of any horizontal projection to provide room for filling dispenser from bottom.

SPECIFICATION:

Surface-mounted toilet-seat-cover dispenser shall be type-304, 22-gauge (0.8mm) stainless steel with all-welded construction; exposed surfaces shall have satin finish. Dispenser shall have a concealed opening in bottom for filling. Capacity shall be 250 paper toilet seat covers or one box.

Surface-Mounted Seat-Cover Dispenser shall be Model B-221 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

ClassicSeries®
HEAVY-DUTY
SHOWER CURTAIN ROD

B-6107

S — 3/4" 19mm Typ.

2-9/16" 65mm

1-1/4" 30mm

S

36", 48", 60", 72"
915, 1220, 1525, 1830mm

3/4" 19mm

Standard Mounting Height off Floor for 72" Bobrick Shower Curtain and Hooks
74-1/2" 1892 mm

MATERIALS:

Curtain Rod — 18-8, Type-304, 20-gauge (1.0mm) stainless steel tubing with satin finish. 1" (25mm) outside diameter. Available in lengths 36" (915mm) up to 72" (1830mm).

Flanges — 18-8, Type-304, 20-gauge (1.0mm) stainless steel with satin finish. Drawn, one-piece, seamless construction.

INSTALLATION:
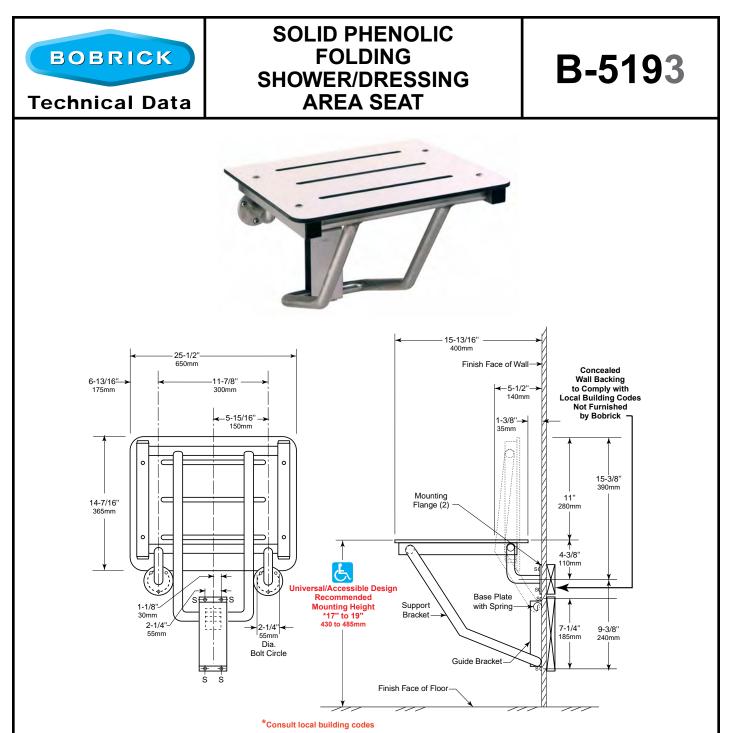
Slide flanges onto curtain rod. Position flanges against wall and secure with sheet-metal screws, furnished by manufacturer, at points indicated by an *S*. For plaster or dry wall construction, provide concealed backing to comply with local building codes and secure flanges with screws furnished. For other wall surfaces, provide fiber plugs or expansion shields for use with screws furnished or provide 1/8" (3mm) toggle bolts or expansion bolts.

SPECIFICATION:

Shower curtain rod shall be Type-304, 20-gauge (1.0mm) stainless steel tubing with satin finish and 1" (25mm) outside diameter. Flanges shall be Type-304, 20-gauge (1.0mm) stainless steel with satin finish and drawn, one-piece, seamless onstruction.

Shower Curtain Rod shall be Model B-6107 x _____ (insert length) 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.

The illustrations and descriptions herein are applicable to production as of the date of this Technical Data Sheet.
The manufacturer reserves the right to, and does from time to time, make changes and improvements in designs and dimensions.

Revised 4/20/17 R/A, S/A   Printed in U.S.A.
© 2017 by Bobrick Washroom Equipment, Inc.

25-1/2" 650mm

6-13/16" 175mm

11-7/8" 300mm

5-15/16" 150mm

14-7/16" 365mm

1-1/8" 30mm

2-1/4" 55mm

S S

S S

2-1/4" 55mm Dia. Bolt Circle

S S

Universal/Accessible Design Recommended Mounting Height *17" to 19" 430 to 485mm

15-13/16" 400mm

Finish Face of Wall

5-1/2" 140mm

1-3/8" 35mm

Concealed Wall Backing to Comply with Local Building Codes Not Furnished by Bobrick

15-3/8" 390mm

11" 280mm

4-3/8" 110mm

9-3/8" 240mm

7-1/4" 185mm

Mounting Flange (2)

Base Plate with Spring

Support Bracket

Guide Bracket

Finish Face of Floor

***Consult local building codes**

MATERIALS:

Seat — One-piece, 5/16" (8mm) thick, solidly fused plastic laminate with matte-finish melamine surfaces, ivory-colored face sheets, and black phenolic-resin core that are integrally bonded — cannot delaminate. Integral slots for water drainage. Secured to frame with stainless steel carriage bolts and acorn nuts.

Frame — 18-8, Type-304, stainless steel with satin finish. 16-gauge (1.6mm), 1-1/4" (30mm) square tubing and 18-gauge (1.2mm), 1" (25mm) diameter seamless tubing.

Mounting Flanges (2) — 18-8, Type-304, 3/16" (5mm) thick stainless steel with satin finish. 3" (75mm) diameter with three mounting screw holes.

Baseplate — 18-8, Type-304, heavy-gauge stainless steel.

Spring — 17-7, Type-301, 24-gauge (0.6mm) stainless steel. Spot-welded to baseplate.

Guide Bracket — 18-8, Type-304, 16-gauge (1.6mm) stainless steel with satin finish.

OPERATION:

Shower seat can be folded up against the wall when not in use. The spring at the top of baseplate holds seat into upright position until released by pulling the top of seat away from wall. Bobrick Folding Shower Seats are not spring-loaded. The seats do not return automatically to the upright position after use. Support system with guide bracket allows varying mounting heights and leaves floor clear for easier cleaning. Nonporous solid phenolic seat has slots to permit water to drain, does not splinter or require oiling, and will not support growth of bacteria. Slotless round-head carriage bolts and acorn nuts provide additional safety to user. Bobrick shower seats, when properly installed, have sufficient strength to support 500 lbs., (227 kg) complying with accessible design guidelines (including ADAAG in the U.S.A.).

INSTALLATION:

Secure unit to wall at points indicated by an *S*, with the two mounting flanges located at top and the baseplate and guide bracket below. The bottom of support bracket must be positioned between the baseplate and guide bracket before they are secured to wall or partition. Mounting height of shower seat must comply with local building codes.

For stud walls, provide concealed backing to comply with local building codes and secure with #14 x 2-1/2" (6.3 x 65mm) stainless steel sheet-metal screws furnished by manufacturer.

For prefabricated shower stalls, provided adequate backing by the shower stall manufacturer. Secure with #14 x 2-1/2" (6.3 x 65mm) stainless steel mounting screws furnished by manufacturer. Bobrick offers a mounting kit for installing shower seats. For additional mounting kits please order 252-30. One mounting kit is required for each flange.

For masonry walls, provide fiber plugs or expansion shields for use with furnished sheet-metal screws, or provide 1/4" (6mm) toggle bolts or expansion bolts.

INSTALL SAFETY PLATE TO WALL:

Safety Plate is to be mounted on wall near Shower Seat in order to properly advise users of the Seat's weight restrictions. Correct installation of the Safety Plate will ensure that the Shower Seat meets A.N.S.I. Standards.
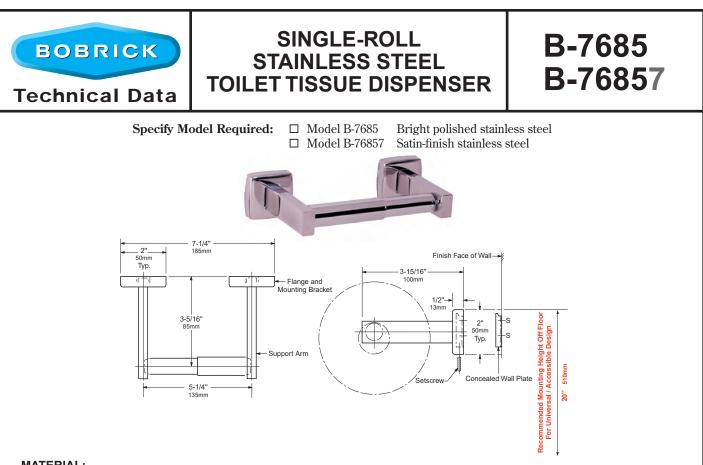
Permanently affix Safety Plate to wall on either side of the Shower Seat at a minimum height of 30" (760mm). If mounted above Seat, the Plate must be high enough so that it is not covered when Seat is on the up position. Mounting screws (4) are recommended, but double-sided tape on rear of Plate may be used for very smooth, non-porous surfaces.

SAFETY WARNING: Shower seats are no stronger than the anchors and walls to which they are attached and must be firmly secured in order to support the loads for which they are intended. Consult and comply with local building codes. To avoid potential injury, the building owner or maintenance personnel should remove the shower seat from service if the shower seat is not adequately secured to the wall. Unit shall support static loads of up to 500 lbs (227 kg) when properly installed and used. To avoid potential seat malfunction, DO NOT use seat if weight exceeds 500 lbs (227 kg).

SPECIFICATION:

Folding shower seat shall have a frame constructed of Type-304, satin-finish stainless steel that consists of 16-gauge (1.6mm), 1-1/4" (30mm) square tubing and 18-gauge (1.2mm), 1" (25mm) diameter seamless tubing. Seat shall be one-piece, 5/16" (8mm) thick, solidly fused plastic laminate with matte-finish melamine surfaces, ivory-colored face sheets, and black phenolic-resin core; secured to frame with stainless steel carriage bolts and acorn nuts. Shower seat shall be equipped with two 3" (75mm) diameter mounting flanges constructed of Type-304, 3/16" (5mm) thick, satin-finish stainless steel; a guide bracket constructed of Type-304, 16-gauge (1.6mm), satin-finish stainless steel; and a spring constructed of Type-301, 24-gauge (0.6mm) stainless steel that is spot-welded to a baseplate of Type-304, heavy-gauge stainless steel. Seat shall be able to lock in upright position when not in use. Shower seat shall comply with accessible design guidelines (including ADAAG in the U.S.A.).

Folding Shower Seat shall be Model B-5193 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

**SINGLE-ROLL
STAINLESS STEEL
TOILET TISSUE DISPENSER**

B-7685
B-76857

Specify Model Required: ☐ Model B-7685   Bright polished stainless steel
☐ Model B-76857   Satin-finish stainless steel

7-1/4"
185mm

2"
50mm
Typ.

3-5/16"
85mm

5-1/4"
135mm

Flange and
Mounting Bracket

Support Arm

Finish Face of Wall

3-15/16"
100mm

1/2"
13mm

2"
50mm
Typ.

S

S

Setscrew

Concealed Wall Plate

Recommended Mounting Height Off Floor
For Universal / Accessible Design

20" 510mm

MATERIAL:

Flanges & Support Arms (2) — 18-8, type-304, 22-gauge (0.8mm) stainless steel. Each flange has a concealed, 18-gauge (1.2mm) stainless steel mounting bracket. All-welded construction. Secured to wall plates with stainless steel setscrews.

Concealed Wall Plates (2) — 18-8, type-304, 19-gauge (1.0mm) stainless steel.

Spindle — Chrome-plated plastic. Equipped with heavy-duty internal spring.

INSTALLATION:

To remove concealed wall plates from back of flanges and mounting brackets, loosen setscrews. Mount each wall plate with prongs at top; secure with sheet-metal screws, furnished by manufacturer, at points indicated by an *S*. Engage mounting brackets onto prongs of wall plates, then secure unit into position by tightening setscrews at bottom of flanges.

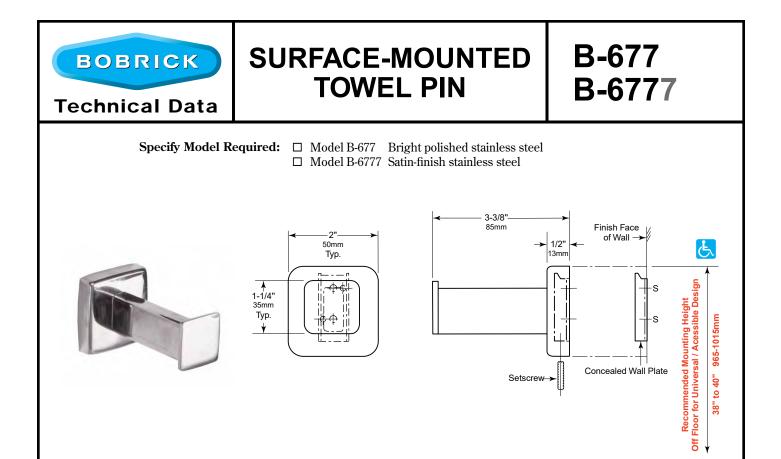**Note**: Centerline-to-centerline of concealed wall plates must be within 1/16" (1.6mm) of dimension shown.

For plaster or dry wall construction, provide concealed backing to comply with local building codes, then secure unit with sheet-metal screws furnished. For other wall surfaces, provide fiber plugs or expansion shields for use with sheet-metal screws furnished, or provide 1/8" (3mm) toggle bolts or expansion bolts.

For partitions with particle-board or other solid core, secure with sheet-metal screws furnished, or provide through-bolts, nuts, and washers. For hollow-core metal partitions, provide solid backing into which the furnished sheet-metal screws can be secured.
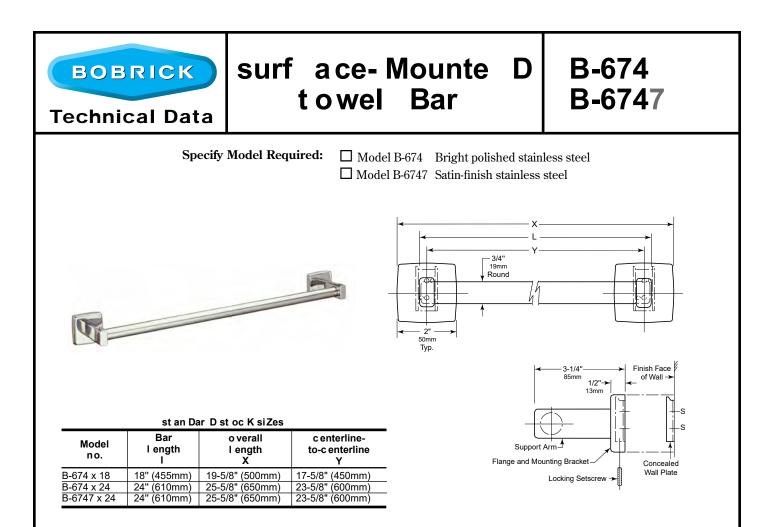
SPECIFICATION:

Single-roll toilet tissue dispenser shall be type-304 stainless steel with _____ (insert one: bright polished or satin) finish. Unit shall accommodate one standard-core toilet paper roll up to 5-1/2" (140mm) diameter (1800 sheets). Flanges and support arms shall be 22 gauge (0.8mm) and equipped with concealed, 18-gauge (1.2mm) mounting brackets that are secured to concealed, 19-gauge (1.0mm) wall plates with stainless steel setscrews. *Spindle shall be equipped with a heavy-duty internal spring.

Designer's Note: Theft-resistant toilet tissue spindles, which require special key for removal, are available as an optional accessory. To specify, add suffix .60 to model number. Example: B-7685.60.

Single-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.

Specify Model Required: ☐ Model B-674   Bright polished stainless steel
☐ Model B-6747 Satin-finish stainless steel

standard stock sizes

Model no.	Bar length l	overall length X	centerline-to-centerline Y
B-674 x 18	18" (455mm)	19-5/8" (500mm)	17-5/8" (450mm)
B-674 x 24	24" (610mm)	25-5/8" (650mm)	23-5/8" (600mm)
B-6747 x 24	24" (610mm)	25-5/8" (650mm)	23-5/8" (600mm)

Materials:

Flanges and Support Arms (2) — 18-8, type-304, 22-gauge (0.8mm) stainless steel. Each flange has a concealed, 16-gauge (1.6mm) stainless steel mounting bracket. All-welded construction. Secured to wall plates with stainless steel locking setscrews.

Concealed Wall Plates (2) — 18-8, type-304, 16-gauge (1.6mm) stainless steel.

Towel Bar — 18-8, type-304, heavy-gauge stainless steel. Round 3/4" (19mm) diameter tubing.

installation:

To remove concealed wall plates from back of flanges and mounting brackets, loosen setscrews. Mount each wall plate so prongs are at top; secure with sheet-metal screws, furnished by manufacturer, at points indicated by an *S*. Engage mounting brackets onto prongs of wall plates, then secure into position by tightening setscrews at bottom of flanges.

Note: Center-to-center of concealed wall plates must be within 1/16" (1.6mm) of the bar length dimension.
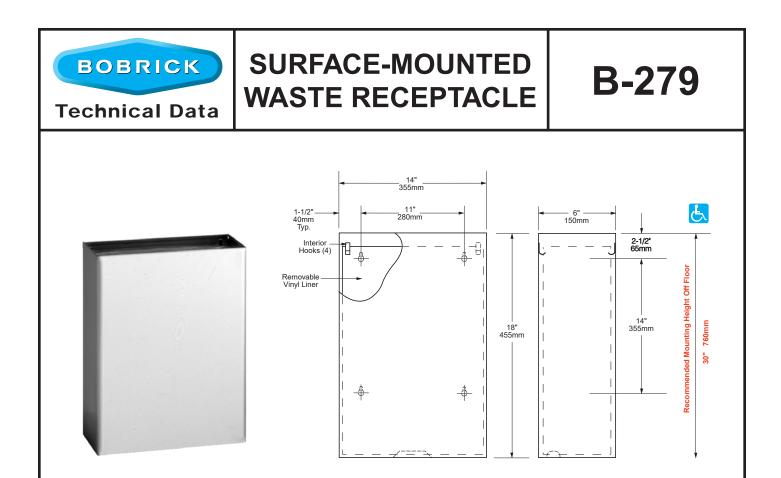
For plaster or dry wall construction, provide concealed backing to comply with local building codes, then secure unit with sheet-metal screws furnished. For other wall surfaces, provide fiber plugs or expansion shields for use with sheet-metal screws furnished, or provide 1/8" (3mm) toggle bolts or expansion bolts.

specification:

Surface-mounted towel bar shall be type-304 stainless steel with _____ (insert one: bright polished or satin) finish. Flanges and support arms shall be 22 gauge (0.8mm) and equipped with concealed, 18-gauge (1.8mm) mounting brackets that are secured to concealed, 19-gauge (1.0mm) wall plates with stainless steel locking setscrews. Towel bar shall be round 3/4" (19mm) diameter tubing. Manufacturer's service and parts manual shall be provided to the building owner/manager upon request.

Surface-Mounted Towel 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.

Specify Model Required: ☐ Model B-677   Bright polished stainless steel
☐ Model B-6777   Satin-finish stainless steel

2"
50mm
Typ.

1-1/4"
35mm
Typ.

3-3/8"
85mm

1/2"
13mm

Finish Face of Wall

S

S

Setscrew

Concealed Wall Plate

Recommended Mounting Height
Off Floor for Universal / Acessible Design
38" to 40" 965-1015mm

MATERIALS:

Flange and Support Arm — 18-8, type-304, 22-gauge (0.8mm) stainless steel. Concealed, 16-gauge (1.6mm) stainless steel mounting bracket. All-welded construction. Secured to wall plate with a stainless steel setscrew.

Concealed Wall Plate — 18-8, type-304, 16-gauge (1.6mm) stainless steel.

Cap — 18-8, type-304, 10-gauge (3.6mm) stainless steel. Welded to the support arm.

INSTALLATION:

To remove concealed wall plate from back of flange and mounting bracket, loosen setscrew. Mount wall plate so prongs are at top; secure with two sheet-metal screws, furnished by manufacturer, at points indicated by an *S*. Engage mounting bracket onto prongs of wall plate, then secure into position by tightening setscrew at bottom of flange.

For partitions with particle-board or other solid core, secure with sheet-metal screws furnished, or provide through-bolts, nuts, and washers.

For hollow-core metal partitions, provide solid backing into which the furnished sheet-metal screws can be secured.

For plaster or dry wall construction, provide concealed backing to comply with local building codes, then secure unit with sheet-metal screws furnished.

For other wall surfaces, provide fiber plugs or expansion shields for use with sheet-metal screws furnished, or provide 1/8" (3mm) toggle bolts or expansion bolts.

SPECIFICATION:

Surface-mounted towel pin shall be type-304 stainless steel with _____ (insert one: bright polished or satin) finish. Flange and support arm shall be 22 gauge (0.8mm) and equipped with a concealed, 16-gauge (1.6mm) mounting bracket that is secured to a concealed, 16-gauge (1.6mm) wall plate with a stainless steel setscrew. Cap shall be 10 gauge (3.6mm), welded to the support arm.

Surface-Mounted Towel Pin 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.

14"
355mm

1-1/2"
40mm
Typ.

11"
280mm

Interior
Hooks (4)

Removable
Vinyl Liner

18"
455mm

6"
150mm

2-1/2"
65mm

14"
355mm

Recommended Mounting Height Off Floor

30" 760mm

MATERIALS:

Receptacle — 18-8, type-304 stainless steel with satin finish. Front and sides are one-piece, 22 gauge (0.8mm); back and bottom are one-piece, 26 gauge (0.5mm). All-welded construction. Top edge hemmed and bottom has recessed finger grip for safe handling. Equipped with four spot-welded interior hooks for attaching the vinyl liner. Capacity: 6.4-gal. (24.2-L).

Liner — Heavy-gauge vinyl with four grommets. Removable for servicing.

OPERATION:

Removable vinyl liner attaches to four interior hooks of waste receptacle. Space between bottom of receptacle and floor, when unit is properly mounted on wall, facilitates floor cleaning.

INSTALLATION:

Mount unit on wall with four sheet-metal screws (not furnished) at points indicated by an *S*. For plaster or dry wall construction, provide concealed backing to comply with local building codes, then secure unit with sheet-metal screws. For other wall surfaces, provide fiber plugs or expansion shields for use with sheet-metal screws, or provide 1/8" (3mm) toggle bolts or expansion bolts.

SPECIFICATION:

Surface-mounted waste receptacle shall be type-304 stainless steel with all-welded construction; exposed surfaces shall have satin finish. Front and sides of waste receptacle shall be one-piece, 22 gauge (0.8mm); back and bottom shall be one-piece, 26 gauge (0.5mm). Top edge shall be hemmed and bottom of waste receptacle shall have recessed finger grip. Waste receptacle shall be equipped with four interior hooks, furnished with a removable heavy-gauge vinyl liner, and shall have a minimum capacity of 6.4-gal. (24.2-L).

Surface-Mounted Waste Receptacle shall be Model B-279 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.

The illustrations and descriptions herein are applicable to production as of the date of this Technical Data Sheet.
The manufacturer reserves the right to, and does from time to time, make changes and improvements in designs and dimensions.

Revised 5/06
Printed in U.S.A.
© 2006 by Bobrick Washroom Equipment, Inc.

☰ ◠ (/)   0

Search text...   🔍

COUNTERTOP | WALL

White

Part of: **Color Wheel** (https://www.daltile.com/color-wheel-collection)

Color Wheel Classic
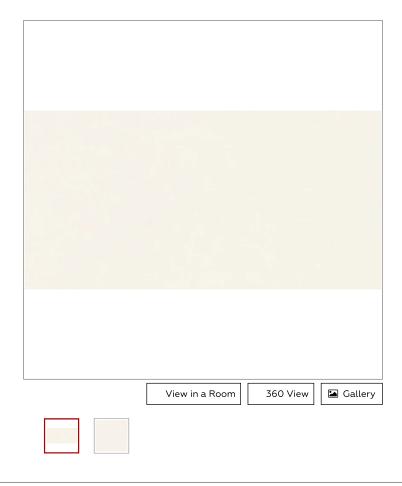**(/products/Wall/Color-Wheel-Classic)**

The element of color is visually represented in Color Wheel. This vibrant collection offers a wide spectrum of colorful selections from bright hues to neutral, earthy tones. A favorite of artists and designers.

GO TO APPLICATION INFO >

GO TO TECHNICAL SPECIFICATIONS >

Want to see this product in person?

📍 Where to buy (/Store-Locator-Tile-and-Exterior)

View in a Room   360 View   🖼 Gallery

ADDITIONAL COLORS   +

☰ 𝒜 (/)   0

AVAILABLE SHAPES AND SIZES

🔍

White Rectangle

Color Code: 0100

Thickness: 3/8, 5/16

Size: 3X6

Finish: Glossy

Shade Variation: V1: Low

Country of Origin: United States

🛒 SAMPLE COMING SOON

VIEW IN A ROOM

White Square

Color Code: 0100

Thickness: 5/16

Size: 4X4, 6X6

Finish: Glossy

Shade Variation: V1: Low

Country of Origin: United States

🛒 ORDER SAMPLE

APPLICATION   +

TECHNICAL SPECIFICATIONS   —

	TEST METHOD	RESULT
Water Absorption	ASTM C373	< 20.0
Breaking Strength	ASTM C648	120-230 lbs
Scratch Hardness	ASTM MOHS	4.0-6.0
Chemical Resistance	ASTM C650	Resistant

AVAILABLE TRIM (32)

🔍

«

BULLNOSE
2X6

SHAPE NUMBER: S4269

BULLNOSE
4X4

SHAPE NUMBER: S4449

BULLNOSE
6X6

SHAPE NUMBER: S4669

BULLNOSE 3" SIDE
3X6

SHAPE NUMBER: S4639MOD

»

YOU MAY ALSO LIKE

«

(/products/Wall/Color-Wheel-Classic/Arctic-White)

COLOR WHEEL CLASSIC
Arctic White
(/products/Wall/Color-Wheel-Classic/Arctic-White)
COLOR CODE: 0190

(/products/Wall/Color-Wheel-Classic/Matte-Almond)

COLOR WHEEL CLASSIC
Matte Almond
(/products/Wall/Color-Wheel-Classic/Matte-Almond)
COLOR CODE: X735

(/products/Wall/Color-Wheel-Classic/Matte-Arctic-White)

COLOR WHEEL CLASSIC
Matte Arctic White
(/products/Wall/Color-Wheel-Classic/Matte-Arctic-White)
COLOR CODE: 0790

(/products/Wall/Color-Wheel-Linear/Arctic-White)

COLOR WHEEL LINEAR
Arctic White
(/products/Wall/Color-Wheel-Linear/Arctic-White)
COLOR CODE: 0190

»

FOLLOW DALTILE

❯   📌   f   🐦   📷   ▶   in

QUICK LINKS   +

ABOUT US   +

Got it!

(/)

CUSTOMER SERVICE +
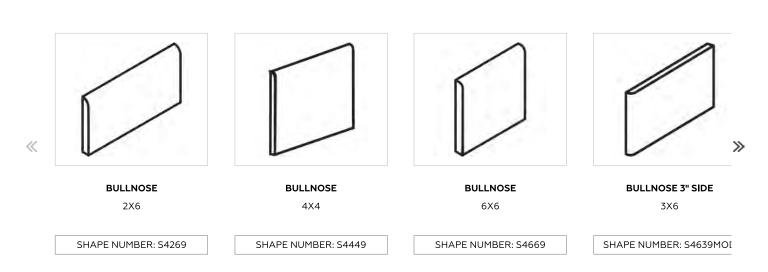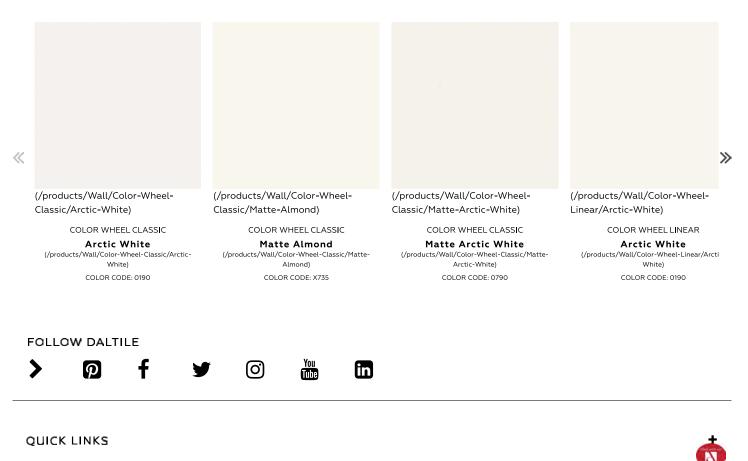
TRADE PROFESSIONALS +

RELATED INFORMATION +

Site Map

Privacy Policy (/about-us/company-information/privacy-policy)

Legal Notice (/about-us/company-information/legal-notice)

UGC Terms of Use (/about-us/company-information/user-generated-content-terms-of-use)

Internet Selling Policy (/about-us/company-information/internet-selling-policy)

Code of Conduct (/about-us/company-information/code-of-conduct)

WCAG 2.1 Compliant (/about-us/company-information/legal-notice)

Features
- Elongated bowl offers added room and comfort
- Equipped with Sloan FLUSHMATE™ – Sloan™ Valve Company
- Polished Chrome trip lever
- 1.6 gpf (6.0 lpf)
- 2-1/4" (57 mm) fully glazed trapway
- 12" (305 mm) x 10" (254 mm) water area
- Antimicrobial finish inhibits the growth of mold-, mildew-, stain-, and odor-causing bacteria on the fixture surface. This product does not protect users against bacteria, viruses, or other disease organisms. Always clean and wash this product thoroughly before and after each use
- Comfort Height™ feature offers chair-height seating that makes sitting down and standing up easier for most adults

Material
- Vitreous china

Installation
- Seat and supply line sold separately
- Standard 12" (305 mm) rough-in

Included Components
K-4304 Elongated toilet bowl
K-4645 Toilet tank, 1.6 gpf

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 Colors/Finishes
Color tiles intended for reference only.

Color	Code	Description
	0	White

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.
5-6-2023 23:11 - US

THE BOLD LOOK OF KOHLER.

For Back-to-Back Toilet Installations

Use a 45° double wye fitting.

Do not use a double sanitary tee.

1" (25 mm)

30-9/16" (776 mm)

8-5/8" (219 mm)

3-5/8" (92 mm)

17-1/8" (435 mm)

12" (305 mm)

℄ of Outlet

21-1/4" (540 mm)

15-1/8" (384 mm)

31-1/4" (794 mm)

8" (203 mm)

3/8" NPT Supply

6" (152 mm)

Front of Bowl

17-1/4" (438 mm)

5" (127 mm)

9-7/8" (251 mm)
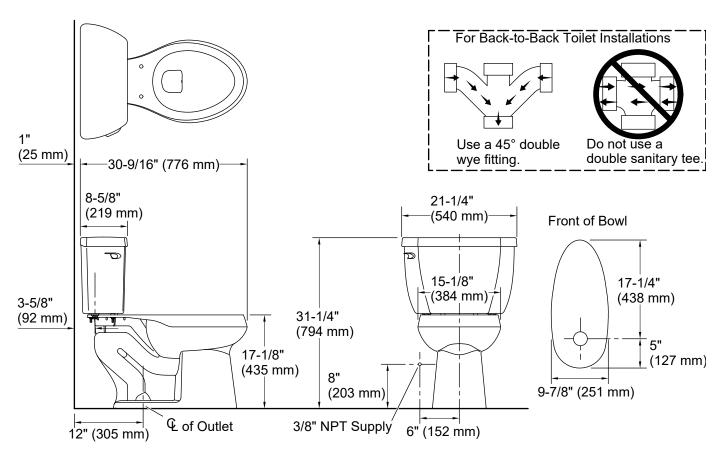
Technical Information
All product dimensions are nominal.

Toilet type:	Floor-mount
Waste Outlet:	Floor
Bowl shape:	Elongated
Flush type:	Pressure Lite
Trap passageway:	2-3/16" (55 mm)
Water surface size:	12" x 10" (305 mm x 254 mm)
Rim to water surface:	5-3/4" (146 mm)
Rough-in:	12" (305 mm)
Seat-mounting holes:	5-1/2" (140 mm)

Fixture Supply Requirements

Min static pressure:	20 psi (137.9 kPa)
Max static pressure:	80 psi (551.6 kPa)

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 may require elongated toilets and elongated, open-front seats in public bathrooms.

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

Features

- Performance showering packages offer increased functionality and simplify the ordering process.
- Includes handshower, showerhead, 60" handshower hose, shower arm with diverter, 30" slidebar kit and Purist® Rite-Temp® valve trim.
- Single lever handle provides on/off activation and temperature setting with a single operation.
- Multifunction showerhead with advanced spray engine provides three experiences: full coverage, pulsating massage and silk spray.
- Multifunction handshower with advanced spray engine provides three experiences: full coverage, pulsating massage and silk spray.
- Thumb tab allows for a smooth transition between sprays.
- Shower arm with diverter makes it easy to switch the water flow between showerhead and handshower.
- MasterClean™ sprayface resists hard water buildup and is easy to clean.
- 1.75 gpm (gallons per minute) flow rate.
- Coordinates with Purist® faucets and accessories.

Material

- KOHLER finishes resist corrosion and tarnishing.

Installation

- Requires Rite-Temp® pressure-balancing valve (sold separately).

ADA   OBC

WaterSense
Meets EPA Criteria
Certified by
IAPMO R&T

Codes/Standards

ASME A112.18.1/CSA B125.1
DOE - Energy Policy Act 1992
EPA WaterSense®
California Energy Commission (CEC)
ADA
ICC/ANSI A117.1
OBC

KOHLER® Faucet Lifetime Limited Warranty

See website for detailed warranty information.

Available Colors/Finishes

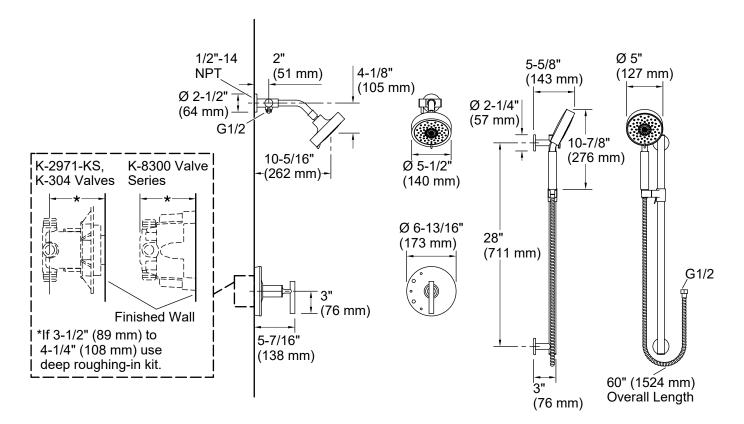*Color tiles intended for reference only.*

Color	Code	Description
	BN	Vibrant® Brushed Nickel

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.
12-24-2019 10:35 - US

THE BOLD LOOK
OF **KOHLER.**

1/2"-14
NPT

2"
(51 mm)

4-1/8"
(105 mm)

Ø 2-1/2"
(64 mm)

G1/2

10-5/16"
(262 mm)

5-5/8"
(143 mm)

Ø 5"
(127 mm)

Ø 2-1/4"
(57 mm)

10-7/8"
(276 mm)

Ø 5-1/2"
(140 mm)

Ø 6-13/16"
(173 mm)

28"
(711 mm)

K-2971-KS,
K-304 Valves

K-8300 Valve
Series

Finished Wall

*If 3-1/2" (89 mm) to
4-1/4" (108 mm) use
deep roughing-in kit.

3"
(76 mm)

5-7/16"
(138 mm)

3"
(76 mm)

60" (1524 mm)
Overall Length

G1/2

Technical Information

All product dimensions are nominal.

Drain included: No

Handshower:

Rated maximum flow: 1.75 gal/min (6.6 l/min)
Pressure: 45 psi (3.1 bar)

Showerhead/Body Spray:

Rated maximum flow: 2.5 gal/min (9.5 l/min)

Notes

Install this product according to the installation instructions.

IMPORTANT! The slide bar must be mounted to stud framing supports at both the top and bottom mounting locations. Plastic wall anchors will not support the slide bar. Do not use or depend on plastic wall anchors to attach the slide bar.

Plumbing codes may require that an atmospheric vacuum breaker be installed in-line to handshowers. Consult with local codes.

Install straight pipe or tube drop of 7" (178 mm) to 18" (457 mm) with single elbow between the valve and the wall-mount spout.

NOTICE: Risk of product damage. Long screws, for installing trim, can damage the K-2971-KS valve. Consult the trim installation guide to verify if the thin wall installation kit (88526) is needed.

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

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.
12-24-2019 10:35 - US

Features
- A single handle controls both on/off activation and temperature setting
- 5-1/8" (130 mm) spout reach
- 1.0 gpm (3.8 lpm) maximum flow rate at 60 psi (4.14 bar)
- KOHLER ceramic disc valves exceed industry longevity standards for a lifetime of durable performance
- Clicker drain with tailpiece and overflow
- Coordinates with other products in the Simplice collection

Material
- Premium material construction for durability and reliability
- KOHLER finishes resist corrosion and tarnishing
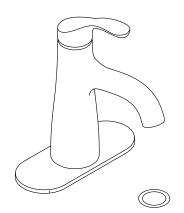
Installation
- For single-hole or 4" (102 mm) centerset installation (escutcheon plate included)
- Deck-mount
- Preattached flexible supply lines simplify installation

Water Conservation & Rebates
- This product can help a building earn Water Efficiency points in LEED™ Green Building Rating System

Recommended Products/Accessories
  K-23726 Drain treatment
  K-23723 Faucet cleaner

| ADA | CSA B651 | OBC |

Codes/Standards
ASME A112.18.1/CSA B125.1
NSF/ANSI/CAN 61
NSF/ANSI/CAN 372
All applicable US Federal and State material regulations
DOE - Energy Policy Act 1992
EPA WaterSense™
California Energy Commission (CEC)
ADA
ICC/ANSI A117.1
CSA B651
OBC

KOHLER® Faucet Lifetime Limited Warranty
See website for detailed warranty information.

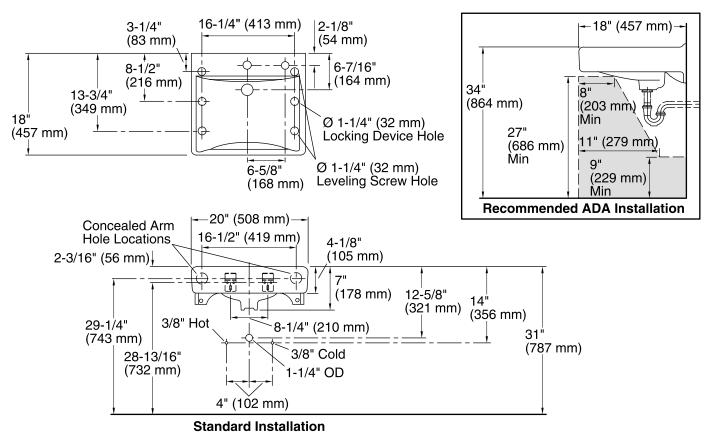## Available Colors/Finishes
Color tiles intended for reference only.
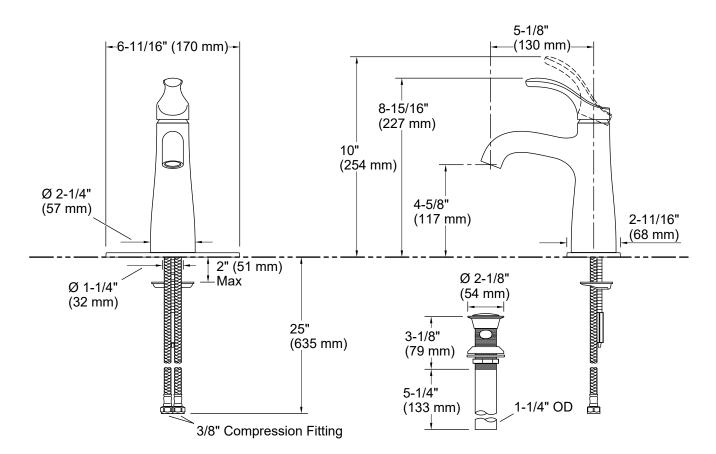
Color	Code	Description
	CP	Polished Chrome
	BN	Vibrant™ Brushed Nickel
	BL	Matte Black

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.
6-26-2023 22:41 - US/CA/MX

THE BOLD LOOK OF **KOHLER**

6-11/16" (170 mm)

5-1/8" (130 mm)

8-15/16" (227 mm)

10" (254 mm)

Ø 2-1/4" (57 mm)

4-5/8" (117 mm)

2-11/16" (68 mm)

Ø 1-1/4" (32 mm)

2" (51 mm) Max

Ø 2-1/8" (54 mm)

3-1/8" (79 mm)

25" (635 mm)

5-1/4" (133 mm)

1-1/4" OD

3/8" Compression Fitting

Technical Information

All product dimensions are nominal.

Faucet:

Flow rate:	1 gal/min (3.8 l/min)
Pressure:	45 psi (3.1 bar)
Drain included:	Yes
Drain with overflow:	Yes

Spout:

Spout reach:	5-1/8" (130 mm)

Notes

Install this product according to the installation instructions.

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

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.
6-26-2023 22:41 - US/CA/MX

THE BOLD LOOK OF KOHLER®

Features

- Made from premium materials that withstand high-volume usage
- Constructed of vitreous china
- 20" x 18"
- Wall-mount installation
- Single-hole drilling
- Drilled for concealed arm carrier
- With sealed overflow and soap dispenser drilling on right

Recommended Products/Accessories

K-8998 P-Trap

Included Components

Additional Components:
  Hanger(s)

ADA	CSA B651	OBC

Codes/Standards

ASME A112.19.2/CSA B45.1
ADA
ICC/ANSI A117.1
CSA B651
OBC

KOHLER® One-Year Limited Warranty

See website for detailed warranty information.

Available Colors/Finishes

Color tiles intended for reference only.

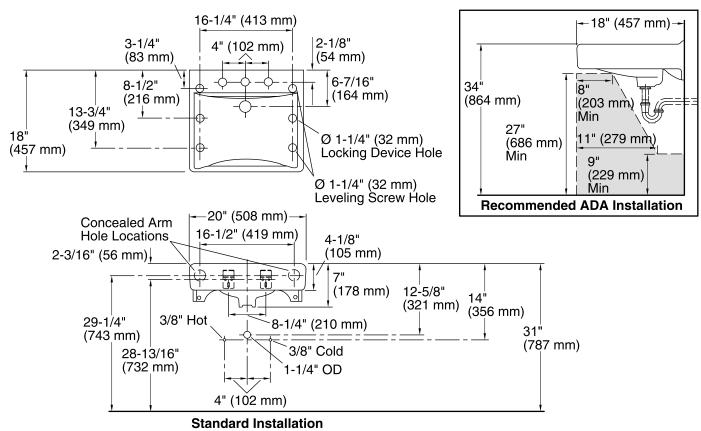| Color	Code	Description
	0	White

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.
7-16-2019 01:42 - US/CA

THE BOLD LOOK
OF KOHLER®

Recommended ADA Installation

Standard Installation

Technical Information

All product dimensions are nominal.

Bowl configuration:	Single
Installation:	Wall-mount
Bowl area (Only):	Length: 18" (457 mm)
	Width: 13" (330 mm)
	Water depth: 4-7/8" (124 mm)
Number of deck holes:	2
Faucet hole(s):	1-3/8" (35 mm)
Soap/Lotion hole:	1-1/4" (32 mm)
Drain hole:	1-3/4" (44 mm)

Notes

Install this product according to the installation instructions.

If an arm carrier is used, select a soap dispenser with a 1" (25 mm) maximum shank diameter to avoid interference with the arm carrier.

Use a soap dispenser with adequate shank length to extend through the 4-1/8" (105 mm) sink thickness.

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

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.
7-16-2019 01:42 - US/CA

THE BOLD LOOK OF KOHLER®

Features

- Made from premium materials that withstand high-volume usage
- Constructed of viterous china
- 20"L x 18"W
- Wall-mount installation
- Faucet not included
- Drilled for concealed arm carrier

Recommended Accessories

K-8998 P-Trap

Components

Additional included component/s: Hanger (2 Required).

| ADA | CSA B651 | OBC |

Codes/Standards

ASME A112.19.2/CSA B45.1
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™

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.
3-7-2017 06:32

THE BOLD LOOK OF KOHLER®

16-1/4" (413 mm)
3-1/4" (83 mm)
4" (102 mm)
2-1/8" (54 mm)
8-1/2" (216 mm)
6-7/16" (164 mm)
13-3/4" (349 mm)
18" (457 mm)
Ø 1-1/4" (32 mm) Locking Device Hole
Ø 1-1/4" (32 mm) Leveling Screw Hole

18" (457 mm)
34" (864 mm)
8" (203 mm) Min
27" (686 mm) Min
11" (279 mm)
9" (229 mm) Min
Recommended ADA Installation

20" (508 mm)
Concealed Arm Hole Locations
16-1/2" (419 mm)
2-3/16" (56 mm)
4-1/8" (105 mm)
7" (178 mm)
12-5/8" (321 mm)
14" (356 mm)
29-1/4" (743 mm)
3/8" Hot
8-1/4" (210 mm)
31" (787 mm)
28-13/16" (732 mm)
3/8" Cold
1-1/4" OD
4" (102 mm)

Standard Installation

Technical Information

All product dimensions are nominal.

Bowl configuration: Single
Installation: Wall-mount
Bowl area (Center) Length: 18" (457 mm)
Width: 13" (330 mm)
With overflow: Yes
Water depth: 4-7/8" (124 mm)
Bowl area With overflow: Yes
Number of deck holes: 3
Faucet hole(s): 1-3/8" (35 mm)
Soap/Lotion hole: 1-1/4" (32 mm)
Drain hole: 1-3/4" (44 mm)

Notes

Install this product according to the installation instructions.

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

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.
3-7-2017 06:32

THE BOLD LOOK OF **KOHLER®**

Panasonic

WhisperFit® DC Ventilation Fans and Fan/Lights

WhisperFit® DC
VENTILATION FAN

HEALTHY AIR, HEALTHY HOME

True Flow ratings at **0.375"** static pressure provide powerful airflow to assure code compliant, healthy homes.

True Flow Installed Performance

5-5/8" Depth

Fan Only Model: FV-0511VF1
Fan / Condensation Model: FV-0511VFC1
Fan / Dimmable LED & Nightlight: FV-0511VFL1

- Revolutionary ECM motor with SmartFlow™ Technology ensures optimal CFM output
- Built-in Pick-A-Flow™ airflow selector allows you to select your required airflow of 50, 80, or 110 CFM with a simple flip of a switch
- Condensation Sensor model (FV-0511VFC1) provides hands-free operation and automatic moisture control
- Lighted model incorporates one 10W dimmable LED chip panel with <1W LED night light for warm, long-life energy efficient illumination (night light must be wired separately)
- Single-hinged Flex-Z Fast® bracket provides flexible, fast and easy installation
- Can be used to comply with ASHRAE 62.2, LEED, IAP and California Title 24

ADDITIONAL BENEFITS

- Plastic standard 4" adapter with backdraft damper/shutter allows for better air tightness.
- Slide and snap-in junction box and duct collar provide even greater installation flexibility
- Pre-installed alignment guides help guide adaptor assembly into place during installation for a tight precision fit
- Temporary clip molded into casing holds fan in place while installer fastens fan to can safely
- Built-in metal flange provides blocking for penetrations through drywall as an Air Barrier, and assists with the decrease in leakage in the Building Envelope during blower door testing
- UL listed for tub/shower enclosure when GFCI protected and UL listed for use with the Panasonic Ceiling Radiation Damper (model # PC-RD05C5)
- 6-year warranty ECM motor, 3-year warranty on parts, 5 year on LED chip panel

ENERGY STAR

WhisperFit® DC is the perfect solution for any remodeler looking to quickly and easily replace an existing fan from below the ceiling. This fan enables you to utilize existing duct, while its low profile housing design ensures a proper fit in any ceiling with at least 5 5/8˝ depth. The single-hinged Flex-Z Fast® bracket provides flexible, fast and easy installation for easy positioning through a ceiling cavity. The slide and snap-in junction box and duct collar provide greater flexibility when wiring and attaching the duct and this premium fan now includes pre-installed plastic alignment guides and temporary retaining clip. These clips molded into the casting will allow the fan to stay in place while the installer fastens the fan into can. Once installed, use the Pick-A-Flow® airflow selector to customize the airflow to meet your customers' needs. All of these great features combined make WhisperFit® DC a fast and easy to install ENERGY STAR® retrofit fan.

With WhisperFit® DC, installation is as Easy as 1-2-3!

Step 1: Single-Hinged Flex-Z Fast® bracket installed with existing 3" duct and wiring

Single-Hinged Flex-Z Fast® Installation Bracket

Existing 3" Duct and wiring

Step 2: Fan can be installed with motor in a 2 x 6 joist using the existing duct and included 4" to 3" duct adapter

Step 3: Fan is installed and ready to go!

Superior Installed Performance with True Flow ratings at 0.375" w.g.

ASHRAE, ENERGY STAR®, LEED for Homes, and HVI have set the industry standard for performance measurement at 0.1" and 0.25" w.g. WhisperFit DC fans provide powerful CFM airflow at 0.375" w.g. that is more representative of most installations. Sones have also been certified at 0.25 w.g. to provide a more realistic, installed value.

LED Lighting

Includes a 10 Watt dimmable LED chip panel/3000 Kelvin Warm White/90CRI/700 lumens/70 LPW/ENERGY STAR® 2.0 certified/ JA-8 compliant for CA Title 24/50,000 hours rated average life / <1W LED night light.

Onboard Condensation Sensor

To help you meet stricter ventilation codes and indoor air quality standards, our optional model (FV-0511VFC1) (Fan/ Condensation Sensor) includes onboard humidity sensing that delivers effective moisture control and healthy indoor air. Advanced sensor technology detects relative humidity and temperature to anticipate dew point, automatically turning the fan on to control moisture.

Built-in 20-Minute Delay Auto Timer

The onboard delay timer runs the fan for 20 minutes when power is first turned on. After 20 minutes the fan turns off automatically unless moisture level is above the trigger point or the red wire circuit is closed. When the fan senses moisture levels above the trigger point or if the moisture level rises suddenly (from a hot shower for example), the fan automatically turns on. When the moisture level is 5% below the trigger setting, the 20-minute timer starts again.

WhisperFit® DC
VENTILATION FAN
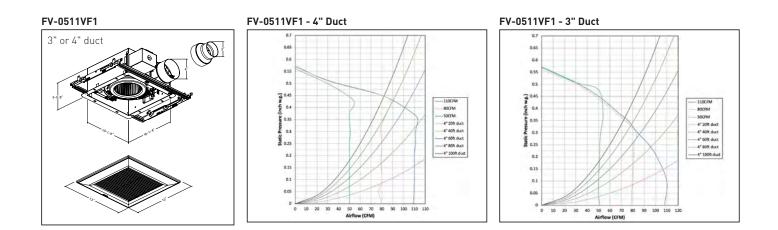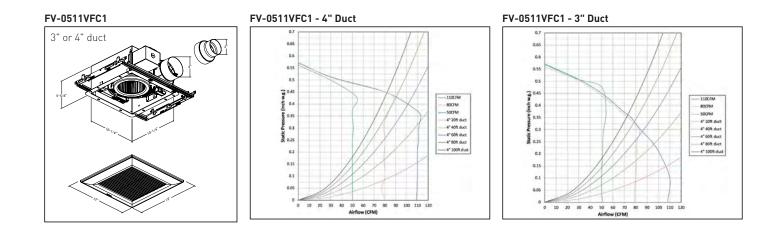
Specifications		WhisperFit® DC																	
		FV-0511VF1 / FV-0511VFC1																	
		4"			4"			4"			3"			3"			3"		
Characteristics (HVI tested data for 0.1" S.P.)	Static Pressure in inches w.g.	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375
	Air Volume (CFM)	110	111	109	80	80	84	50	50	50	110	94	69	80	81	67	50	51	54
	Noise (sones)	0.8	1.2	-	0.3	0.8	-	<0.3	0.4	-	2.0	1.5	-	0.8	1.4	-	<0.3	0.9	-
	Power Consumption (watts)	10.2	14.6	17.9	5.9	9.4	13.2	4.0	7.1	10.0	17.1	16.4	13.6	8.8	13.0	13.5	4.6	7.7	10.8
	Energy Efficiency (CFM/Watt)	11.0	7.7	6.2	13.9	8.7	6.5	13.5	7.6	5.4	6.6	5.9	5.2	9.4	6.5	5.2	11.5	7.0	5.3
	Speed (RPM)	977	1222	1392	820	1142	1349	795	1152	1374	1341	1429	1476	1094	1357	1476	870	1205	1426
	Current (amps)	0.18	0.24	0.28	0.11	0.16	0.22	0.08	0.13	0.17	0.27	0.26	0.22	0.15	0.21	0.22	0.09	0.14	0.18
	MAX. Current (amps)	0.29																	
	Power Rating (V/Hz)	120/60																	
Specifications	Motor Type	DC																	
	Type of Motor Bearing	Ball																	
	Thermal Fuse Protection	Yes																	
	Blower Wheel Type	Sirocco																	
	ENERGY STAR® Qualified*	Yes																	
Installation	Duct Diameter (inches)	4" or 3" (w/ reducer)																	
	Mounting Opening (inches sq.)	10-1/2"																	
	Grille Size (inches sq.)	13"																	
Light Specifications	Lamp Watts	N/A																	
	Lumens (lm)																		
	Lumens Per Watt (LPW)																		
	Color Rendering Index																		
	Color Temperature (Kelvin)																		
	Rated Life (hours)																		
	Lamp Model #																		
	Type of Lamp Socket																		
Night Light Specs	Night Light Watts	N/A																	
Shipping	Gross Weight (lbs)	9.5																	
Approved Code/ Standard/Regulation	UL Tub/Shower Enclosure	Yes																	
	Washington VIAQ Code	No																	
	California Title 24 Compliant	Yes																	
	Mfg in ISO 9001 Certified Facility	Yes																	
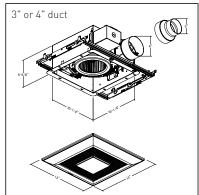
WhisperFit® DC

Specifications		WhisperFit® DC																	
		FV-0511VFL1																	
		4"			4"			4"			3"			3"			3"		
Characteristics (HVI tested data for 0.1" S.P.)	Static Pressure in inches w.g.	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375
	Air Volume (CFM)	110	110	100	80	82	83	50	51	52	110	89	64	80	80	62	50	51	52
	Noise (sones)	1.0	1.3	-	0.3	0.7	-	<0.3	0.4	-	1.5	1.4	-	0.7	1.3	-	<0.3	0.7	-
	Power Consumption (watts)	11.0	15.0	16.4	6.6	10.4	13.8	4.2	7.4	10.0	17.4	15.1	12.6	9.3	13.4	12.5	4.9	8.0	10.5
	Energy Efficiency (CFM/Watt)	10.2	7.5	6.2	12.4	8.1	6.1	12.5	7.2	5.5	6.4	6.0	5.1	8.9	6.2	5.1	10.8	6.8	5.2
	Speed (RPM)	999	1243	1399	890	1207	1400	833	1181	1396	1376	1431	1476	1135	1392	1481	907	1233	1444
	Current (amps)	0.18	0.25	0.27	0.12	0.18	0.22	0.08	0.13	0.17	0.28	0.24	0.21	0.16	0.22	0.21	0.09	0.14	0.18
	MAX. Current (amps)	0.28																	
	Power Rating (V/Hz)	120/60																	
Specifications	Motor Type	DC																	
	Type of Motor Bearing	Ball																	
	Thermal Fuse Protection	Yes																	
	Blower Wheel Type	Sirocco																	
	ENERGY STAR® Qualified*	Yes																	
Installation	Duct Diameter (inches)	4" or 3" (w/ reducer)																	
	Mounting Opening (inches sq.)	10-1/2"																	
	Grille Size (inches sq.)	13"																	
Light Specifications	Lamp Watts	10.0																	
	Lumens (lm)	750																	
	Lumens Per Watt (LPW)	≧72																	
	Color Rendering Index	≧90																	
	Color Temperature (Kelvin)	3000																	
	Rated Life (hours)	50000																	
	Lamp Model #	N/A																	
	Type of Lamp Socket	LED chip																	
Night Light Specs	Night Light Watts	0.2																	
Shipping	Gross Weight (lbs)	10.1																	
Approved Code/ Standard/Regulation	UL Tub/Shower Enclosure	Yes																	
	Washington VIAQ Code	No																	
	California Title 24 Compliant	Yes																	
	Mfg in ISO 9001 Certified Facility	Yes																	

FV-0511VF1

3" or 4" duct

FV-0511VF1 - 4" Duct

FV-0511VF1 - 3" Duct

FV-0511VFC1

3" or 4" duct

FV-0511VFC1 - 4" Duct

FV-0511VFC1 - 3" Duct

FV-0511VFL1

3" or 4" duct
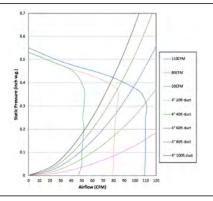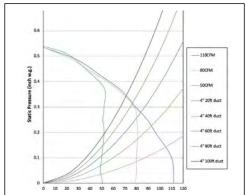
FV-0511VFL1 - 4" Duct

FV-0511VFL1 - 3" Duct

Design and specifications subject to change without notice.   IAQ23023SS   R2

Kitchen Specifications

ArmstrongFlooring™

VINYL COMPOSITION TILE (VCT) **Standard Excelon® Imperial® Texture**

Product Information

Construction - Vinyl Composition Tile

International Specifications - ASTM F1066 - Class 2 Through Pattern, ISO 10595, Type II

Overall/Wear Layer Thickness - 1/8 in. (3.2 mm), 3/32 in. (2.4 mm)

Factory Finish - Fast Start®

Installation - Adhesives: S-515, S-525, S-1000

Maintenance Options - Polish

+1/8" and 3/32" sizes are stocked for these colors: 51830, 51836, 51839, 51858, 51899 All other colors are stocked in 1/8" size; 3/32" is available on a special order basis, minimum order quantity of 45,000 sq ft² (4,181 m²).

Exclusive Fast Start®
Factory Finish

Through-Color/Pattern
Wear Layer

Packaging

Size	Tile per Carton/Coverage	Shipping Weight per Carton
12 in. x 12 in. (305 mm x 305 mm)	45 - 45 ft² (4.18 m²)	1/8 in. - 63 lbs./carton (28.6 kg) 3/32 in. - 48 lbs./carton (21.7 kg)

Testing

ASTM F1066			
Performance	**Test Method**	**Requirement**	**Performance vs. Requirement**
Thickness	ASTM F386	Nominal ± 0.005 in.	Meets
Size	ASTM F2055	± 0.016 in. per linear foot	Meets
Squareness	ASTM F2055	0.010 in. max	Meets
Indentation – One Minute	ASTM F1914	≥ 0.006 in. to ≤ 0.015 in.	Meets
Indentation @ 115°F	ASTM F1914	< 0.032 in.	Meets
Impact	ASTM F1265	No cracks beyond limit	Meets
Deflection	ASTM F1304	1.0 in. minimum	Meets
Dimensional Stability	ASTM F2199	≤ 0.024 in. per linear foot	Meets
Chemical Resistance	ASTM F925	No more than slight change in surface dulling, attack or staining	Meets
Resistance to Heat	ASTM F1514	$\Delta E < 8.0$	Meets
Additional Testing			
Static Load Resistance	ASTM F970*	< 0.005 in.	2000 psi
Fire Test Data – Flame Spread	ASTM E648	0.45 W/cm² or more Class 1	Meets
Fire Test Data – Smoke Evolution	ASTM E662	450 or less	Meets
Fire Test Data – Canada	CAN\ULC S102.2	Use dependent	Flame Spread - 0 Smoke Developed - 30
ADA Standards for Accessible Design	Chapter 3 Section 302.1	Floor surfaces shall be stable, firm and slip-resistant	Meets
Static Coefficient of Friction**	ASTM D 2047/UL 410	≥ 0.5	Meets

Maritime Usage

IMO Resolution A653 (16)
    Surface Flammability IMO MSC 61(67) Annex 1 Part 5 and Annex 2
    Smoke and Toxicity IMO MSC 61(67) Annex 1 Part 2 and Annex 2
	Passes
	Passes

Safety Of Life at Sea (SOLAS)	Compliant
United States Coast Guard	Approved

ArmstrongFlooring™

VINYL COMPOSITION TILE (VCT) **Standard Excelon® Imperial® Texture**

Sustainability

WELL v1 Feature		Imperial Texture	Contribution
Air	Feature 04 - VOC Reduction	✓	Tested and third party certified by FloorScore® as complying with CDPH v1.2
	Feature 11 - Fundamental Material Safety	✓	Product is free of asbestos and added lead (Part 1)
	Feature 25 - Toxic Material Reduction	✓	Free of flame retardants (Part 2)
Mind	Feature 97 - Material Transparency	✓	Readily available Health Product Declaration® (HPD) to 1000 ppm
	Feature 88 (Part 2) Biophilia I - Qualitative	✓	Products available that incorporate nature patterns
	Feature 99 - Beauty and Design II	✓	Patterns and colors to aid in wayfinding and spatial familiarity (Part 3)

WELL v2 Feature		Imperial Texture	Contribution
Air	Feature X12 - Short Term Emission Control	✓	Adhesives associated with product are tested and third party certified by FloorScore as complying with CDPH v1.2
	Feature X11 Long-Term Emission Control	✓	Flooring is tested and third party certified by FloorScore as complying with CDPH v1.2
	Feature X01 Fundamental Material Precautions	✓	Product is free of asbestos
Materials	Feature X10 Volatile Organic Compound	✓	Free of flame retardants (Part 2)
	Feature X14 Material Transparency	✓	Readily available Health Product Declaration® (HPD) to 1000 ppm
Mind	Feature M02 Access to Nature	✓	Products available that incorporate nature patterns
Community	Feature C13 (Part 2) Accessibility and Universal Design	✓	Patterns and colors to aid in wayfinding and spatial familiarity

LEED™ v4.1	Imperial Texture
BPDO - EPD	Product Specific certified by ASTM International
BPDO - Material Ingredient	HPD
BPDO - Sourcing	Recycled Content – 25% Total (5% Post-Consumer and 20% Pre-Consumer) Extended Producer Responsibility – On&On™ Recycling Program
Location of Manufacturer	USA
Low Emitting Flooring	Tested and third party certified by FloorScore as complying with CDPH v1.2
Low Emitting Adhesives	Tested and compliant to CDPH v1.2; Methylene Chloride and Perchloroethylene not intentionally added; FloorScore Certified
SCAQMD #1168 Compliant. Adhesives meet <50 g/L requirement.	S-515 – 0 g/L S-525 – 16 g/L S-1000 – 0.1 g/L

Carbon Footprint	Imperial Texture
Global Warming Potential, including Biogenic Carbon Raw Materials (A1) through Production (A3)	0.33 Kg CO² eq. / square foot (3.52 Kg CO² eq. / square meter)

Limited Warranty

5-year Commercial Warranty when installed in strict accordance with the detailed instructions.

Visit ArmstrongFlooring.com
for complete Product, Technical, Adhesives, Installation & Maintenance recommendations.
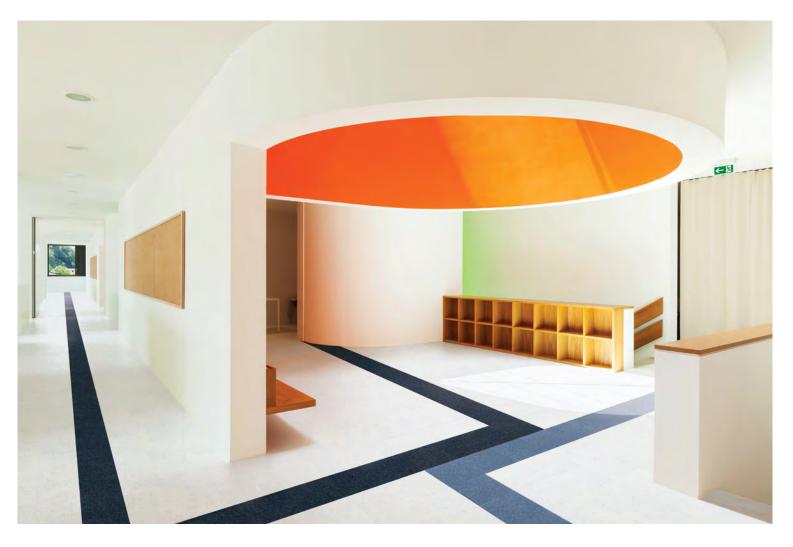
ArmstrongFlooring™

Get Inspired by VCT

HELLO COLOR

Push the limits of color, pattern, and performance to meet the demand of modern interiors. Durable construction, organic looks, dense patterning – and of course color – all combine to make VCT a classic , economical value for your project needs.

SOPHISTICATED

Newest Colors

Lime Zest

57546

Vinyl Composition Tile
Standard Excelon Imperial
Texture

Eucalyptus

57547

Vinyl Composition Tile
Standard Excelon Imperial
Texture

Cypress

57548

Vinyl Composition Tile
Standard Excelon Imperial
Texture

Shoreline

57539

Vinyl Composition Tile
Standard Excelon Imperial
Texture

Grayson

57532

Vinyl Composition Tile
Standard Excelon Imperial
Texture

Adobe

57544

Vinyl Composition Tile
Standard Excelon Imperial
Texture

Crimson

57530

Vinyl Composition Tile
Standard Excelon Imperial
Texture

Wineberry

57545

Vinyl Composition Tile
Standard Excelon Imperial
Texture

PROJECT GALLERY — VCT

East Baton Rouge Career & Technology Education Center

Baton Rouge, Louisiana >

PROJECT GALLERY — VCT

Lincoln-Douglas Elementary School

Quincy, Illinois >

Explore all VCT Collections

Durable construction and vibrant colors ensure lasting, eye-catching beauty in high-traffic commercial spaces.

Standard Excelon Imperial Texture

Premium Excelon Raffia Stream

Premium Excelon Crown Texture

Premium Excelon Stonetex

Premium Excelon Feature Tile & Strip

ArmstrongFlooring™
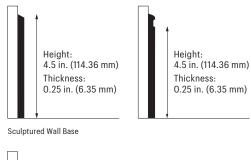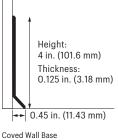
Coved & Sculptured Wall Base

Product Information

Product Lines - Coved Wall Base & Sculptured Wall Base

Construction - Thermoplastic Rubber

Product Specifications - Coved Wall Base - ASTM F1861, Type TP, Group 1, Style B
Sculptured Wall Base - ASTM F1861, Type TP, Group 1, Style A

Overall Thickness - Coved Wall Base - 0.125 in. (3.18 mm)
Sculptured Wall Base - 0.25 in. (6.35 mm)

Installation - S-725 Wall Base Adhesive

Product Structures

Height:
4.5 in. (114.36 mm)
Thickness:
0.25 in. (6.35 mm)

Height:
4.5 in. (114.36 mm)
Thickness:
0.25 in. (6.35 mm)

Sculptured Wall Base

Height:
4 in. (101.6 mm)
Thickness:
0.125 in. (3.18 mm)

0.45 in. (11.43 mm)

Coved Wall Base

Packaging

Products	Height	Feet per Carton	Feet per Carton
Coved - Sticks	4.0 in. (101.6 mm)	120 lin. ft. (36.57 m)	30
Coved - Rolls			1
Sculptured	4.5 in. (114.3 mm)	48 lin. ft. (14.63 m)	6

Testing

Performance	Test Method	Requirement	Performance vs. Requirement
Composition of Materials	Certificate of Compliance	As specified	Meets
Wear Layer Thickness	ASTM F410	≥ 0.002 in.	Meets
Flexibility	ASTM F137	¼ inch mandrel no cracks or breaks in wear surface	Meets
Staining of adjacent surfaces induced by wall base	ASTM F1861 Section 12	No staining of adjacent surfaces	Meets
Resistance to Light	ASTM F 1515	Max. avg. $\Delta E \leq 8$	Meets
Resistance to Chemicals	ASTM F 925	No more than slight change in surface dulling, attack or staining	Meets
Dimensional Stability	ASTM F1861 Section 12	±0.25%	Meets
Height	ASTM F1861 Section 9	As specified, ±1% of nominal height	Meets
Thickness	ASTM F386	As specified, 0.080 in. +0.015/ -0.005 in. 0.25 in. + 0.015/ -0.015 in.	Meets
Length	ASTM F1861 Section 9	As specified, no less than nominal value	Meets
Additional Testing			
Fire Test Data – Flame Spread	ASTM E 648	0.45 W/cm2 or more Class I	Meets
Fire Test Data – Smoke Evolution	ASTM E 662	450 or less	Meets

Sustainability

Certification Attribute	Standard	Feet per 3rd party Certification/Certifier
Low-Emitting Material	CDPH v1.2 (2017) a.k.a CHPS 01350	FloorScore®/SCS
Low-Emitting Adhesive (S-725)	CDPH v1.2 (2017) a.k.a CHPS 01350	FloorScore®/SCS

ArmstrongFlooring™

Sustainability Continued

Performance	Standard	Requirements	Performance vs. Requirements
TVOC Range	CDPH v1.2 (2017) a.k.a CHPS 01350	<0.5 mg/m³	Meets
Low Emitting Adhesives (S-725)	SCAQMD Rule #1168	Less than 50 g/L	S-725 Exceeds – 0 g/L
Fundamental Material Safety Toxic Material Reduction	WELL™ Feature 11 and 25	No asbestos, free of lead and phthalates (DEHP, DBP, BBP, DIDP, DNOP)	Meets

Limited Warranty

5-year Commercial Warranty when installed in strict accordance with the detailed instructions at ArmstrongFlooring.com.

4 ft. Sticks - R41XX
Roll Cove - R48XX

R41SL | R48SL Salt
R53SL | R52SL Salt ♦

R41PR | R48PRI parchment
R53PR | R52PR parchment ♦

R41CI | R48CI classic ivory
R53CI | R52CI classic ivory ♦

R41DS | R48DS Desert

R41ES | R48ES Essential Sand

R41CM | R48CM Camel

R41CR | R48CR Carbon Beige
R53CR | R52CR Carbon Beige ♦

R41PB | R48PB Pebble

R41GR | R48GR Greige

R41FX | R48FX Flax

R41TR | R48TR Turmeric

R41SD | R48SD Saddle

R41BH | R48BH Buffalo Hide

R41ML | R48ML Molasses
R53ML | R52ML Molasses ♦

R41WB | R48WB Warm Black

R41FS | R48FS Flagstone

R41EB | R48EB Ebony
R53EB | R52EB Ebony ♦

R41ND | R48ND Indigo

R41GM | R48GM Gray Mist

R41SW | R48SW Stonewash

R41MG | R48MG Metal Gray

R41SG | R48SG Smokey Gray
R53SG | R52SG Smokey Gray ♦

R41CG | R48CG Coastal Green

R41AN | R48AN Almost Navy

♦ Available in Sculptured Wall Base
Profile 1 - R53XX
Profile 2 - R52XX

Visit ArmstrongFlooring.com
for complete Product, Technical, Adhesives, Installation & Maintenance recommendations.
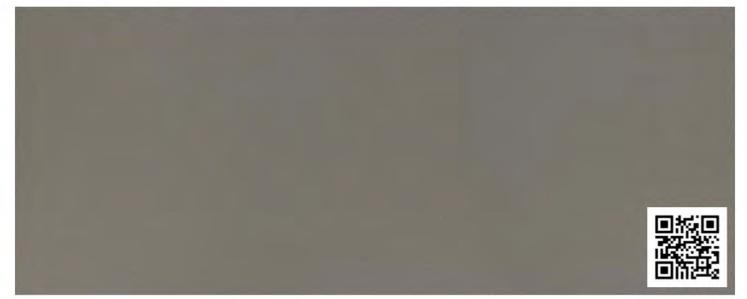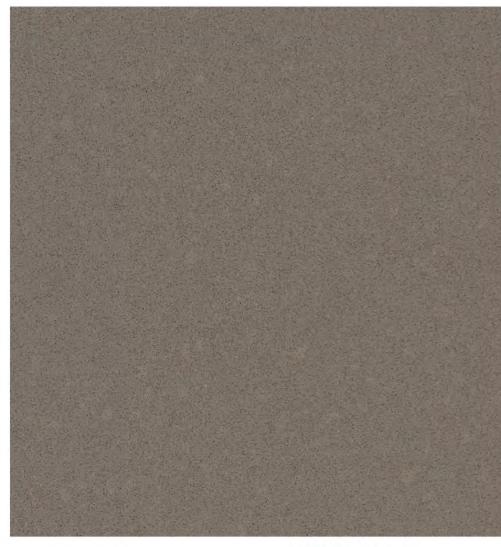
DEVON™

SIGNATURE SERIES

CAMBRIA®

DETAIL VIEW

This palette is overflowing with gray and black much like waves rumbling through the pebbly coves of Devonshire, England. Peaceful, neutral, and simple, Devon is unmistakably the new black.

AVAILABLE IN BOTH HIGH GLOSS AND CAMBRIA MATTE® FINISHES
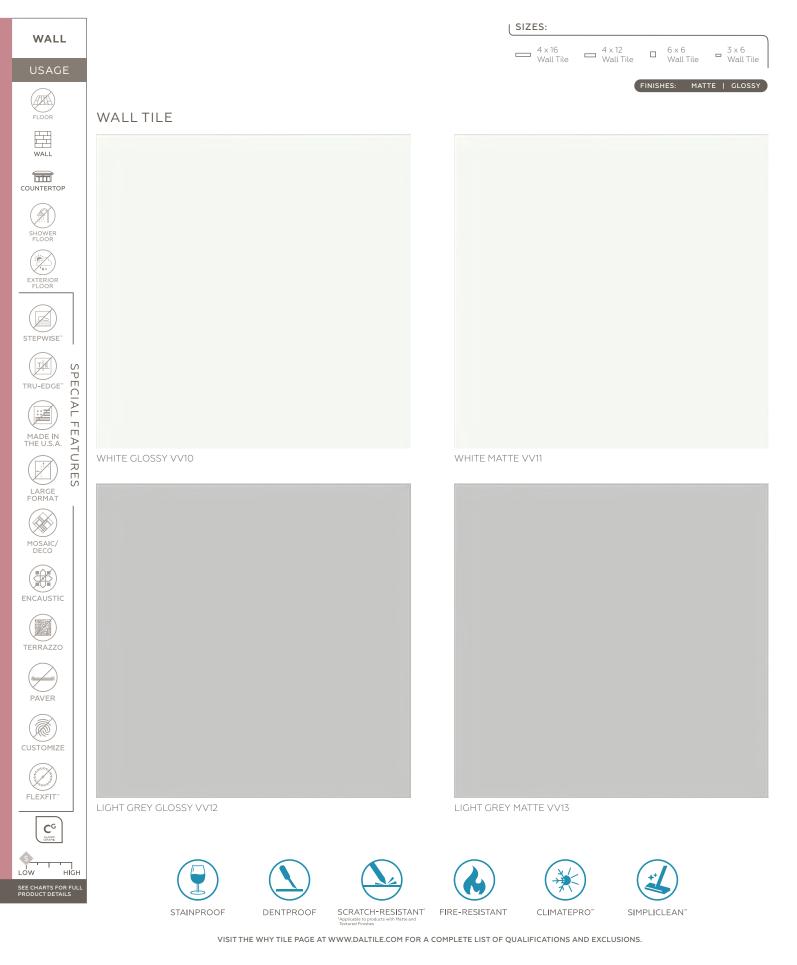
SLAB SIZE: JUMBO 132in x 65.5in

THICKNESS: 2cm, 3cm

Cambria's design samples are small selections cut from a slab and do not fully show all design characteristics of a slab or the final installed product. Prior to purchase, view a larger representation of a design at CambriaUSA.com. Variations in natural quartz stone color, pattern, size, shape, and shade are unique and inherent characteristics of Cambria products. Certain designs include natural free-flowing quartz crystals that may result in surface deviations to the touch and appearance. Color blotches are intended to enhance the natural beauty of many of Cambria's designs. These variations and characteristics do not affect performance and do not qualify for product replacement. Cambria products are not seamless when installed; seams are visible and design pattern and shade will change at seams. Surface markings are more visible on monotone colors than multicolored surfaces. Cambria Matte® finish will show surface markings caused during normal use, which are easily removed by simply washing with a soft cotton cloth and warm water; use a mild soap if desired. Cambria is durable and resistant to surface damage. However, all stone can be damaged by force, and no stone is chip- and scratch-proof. Objects hitting Cambria's surface, especially at edges near sinks or dishwashers, may chip the product. Sudden and/or rapid temperature change may damage the product. Direct or sustained heat transfer, for example, from pots, pans, and other cooking units such as griddles, slow cookers, and heat lamps, may damage Cambria's surface. Therefore the use of a solid trivet is always recommended. Cambria is not a structural support material and must be supported in every application. To learn more about Cambria, please visit CambriaUSA.com.

FAMILY OWNED AMERICAN MADE

VITRUVIAN™
GLAZED CERAMIC

WALL

USAGE

- FLOOR
- WALL
- COUNTERTOP
- SHOWER FLOOR
- EXTERIOR FLOOR

SPECIAL FEATURES

- STEPWISE™
- TRU-EDGE™
- MADE IN THE U.S.A.
- LARGE FORMAT
- MOSAIC/ DECO
- ENCAUSTIC
- TERRAZZO
- PAVER
- CUSTOMIZE
- FLEXFIT™

C^G GLAZED CERAMIC

$ LOW ——— HIGH

SEE CHARTS FOR FULL PRODUCT DETAILS

SIZES:

| 4 x 16 Wall Tile | 4 x 12 Wall Tile | 6 x 6 Wall Tile | 3 x 6 Wall Tile |

FINISHES: MATTE | GLOSSY

WALL TILE

WHITE GLOSSY VV10

WHITE MATTE VV11

LIGHT GREY GLOSSY VV12

LIGHT GREY MATTE VV13

STAINPROOF

DENTPROOF

SCRATCH-RESISTANT†
†Applicable to products with Matte and Textured Finishes

FIRE-RESISTANT

CLIMATEPRO™

SIMPLICLEAN™

VISIT THE WHY TILE PAGE AT WWW.DALTILE.COM FOR A COMPLETE LIST OF QUALIFICATIONS AND EXCLUSIONS.

SIZES

			Thickness	Sq. Ft./ Carton	Pieces/ Carton
▭	4 x 16 Wall Tile	(3-15/16" x 15-3/4") (10.00 cm x 40.00 cm)	1/4"	14.64	34
▭	4 x 12 Wall Tile	(3-15/16" x 11-13/16") (10.00 cm x 30.00 cm)	1/4"	10.98	34
▭	6 x 6 Wall Tile	(6-1/16" x 6-1/16") (15.46 cm x 15.46 cm)	1/4"	13.78	54
▭	3 x 6 Wall Tile	(3" x 6-1/6") (7.63 cm x 15.46 cm)	1/4"	10.12	80

APPLICATIONS

	Target DCOF wet	Suitable
Dry & Level – Interior Floor	N/A	
Wet & Level – Interior Floor	≥ 0.42	
Shower Floors (Residential or Light Commercial)	≥ 0.42	
Exterior Floor Applications (including patios, pool decking & other wet areas with minimal footwear)	≥ 0.60	
Ramps & Inclines	≥ 0.65	
Walls/Backsplashes	N/A	✓
Countertops	N/A	
Pool Linings	N/A	✓*

A DCOF value of ≥0.42 is the standard for tiles specified for level interior spaces expected to be walked upon when wet, as stated in ANSI A137.1-A326.3. For more information about DCOF and the DCOF AcuTest™, visit daltile.com/DCOF.

APPLICATION NOTES:

Suitable for exterior applications (provided it is noted as suitable in the applications chart above) in non-freezing climates, when proper installation methods are followed.

* 6 x 6 and 3 x 6 wall tile only

♻ **PRE-CONSUMER RECYCLED MATERIALS**

All or select items within this series meet the requirements for these qualifications. For more information, visit daltile.com.

TRIM

	Type	Number	Size	Pieces/ Carton
	Wall Bullnose (16" side)	S44D9	4 x 16	34
	Wall Bullnose (12" side)	S44C9	4 x 12	34
	Wall Bullnose (6" side)	S4369	3 x 6	80
	Wall Bullnose (6" side)	S4269	2 x 6	100
	Wall Bullnose Corner	SN4269	2 x 2	42
	Wall Bullnose Corner	SN4339	3 x 3	50
	Wall Bullnose Corner ■	SN4449	4 x 4	50
	Quarter Round	A106	1 x 6	20
	Quarter Round Corner	UC106	1 x 1	120
	Radius Bullnose	A4200	2 x 6	100
	Radius Bullnose Corner	AN4200	2 x 2	200

■ Compatible with both 4 x 12 and 4 x 16 wall tile

INSTALLATION

Grout Joint Recommendation	Shade Variation
4x16 & 4x12 Wall: 1/16" (When rectangular size is installed in a staggered brick-joint pattern, overlap should not exceed 33%.) **6x6 & 3x6 Wall:** 1/16"	▦ Low (V1)

PERFORMANCE CHARACTERISTICS

	ASTM#	Result
Water Absorption	C373	< 20.0%
Breaking Strength	C648	120-230 lbs
Scratch Hardness	MOHS	4.0-6.0
Chemical Resistance	C650	Resistant

For additional information on test results, visit us at: daltile.com/information/TestResults.

NOTES

Since there are variations in all fired ceramic and natural products, tile and trim supplied for your particular installation may not match samples. Final confirmation should be made from actual tiles and trim prior to installation. Manufactured in accordance with ANSI A137.1 standards.

For additional information refer to "Factors to Consider" at: daltile.com/Factors.

Special consideration needs to be given when installing tiles greater than 15 inches. Please refer to daltile.com/LargeTiles, for more infomration.

in**sink**erator®
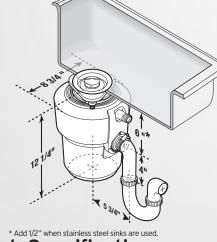
Evolution Series®

Evolution Series®

Grind More. Hear Less.®

Food Waste Disposers

Evolution
Essential® XTR
With SinkTop Switch™ Activation Included

Dimensions

8 3/4"

12 1/4"

6"*

4"*

5 3/4"

* Add 1/2" when stainless steel sinks are used.

Job Specifications

Submittal Sheet

The ideal choice for a wide range of applications.

- **SoundSeal®** technology delivers quieter performance. Hold a conversation with elevated voices in the same room.

- **MultiGrind®** technology delivers 2 stages of grind vs. 1 stage in standard disposer.

- Includes Quiet Collar® sound reducing sink baffle.

- Includes SinkTop Switch accessory with Satin Nickel button and power cord for easy disposer activation.

Sample Specification

Food Waste Disposer(s) shall be InSinkErator Model Evolution Essential® XTR with MultiGrind® and SoundSeal® technologies, 3/4 HP motor, Stainless Steel Grind components, SinkTop Switch™ accessory and power cord accessory.

Warranty:
6-Year parts and in-home service.

* The complete InSinkErator warranty is included in the Care & Use Booklet packed with each unit.

Specifications

Type of Feed	Continuous
On/Off Control	**SinkTop Switch™**
Motor	Single Phase
HP	3/4
Volts	120
HZ	60
RPM	1725
Amp. (Avg. Load)	8.1
Time Rating	Intermittent
Lubrication	Permanently Lubricated Upper & Lower Bearings
Shipping Weight (Approx.)	20.0 lbs.
Unit Finish	Black Enamel Gray
Overall Height	12-1/4"
SoundSeal Technology	Anti-Vibration Mount® Anti-Vibration Tailpipe Mount™ Quiet Collar® Sink Baffle SoundLimiter® Insulation
MultiGrind Technology	GrindShear Ring®
Grind Chamber Capacity	34.6 oz.
Motor Protection	Manual Reset Overload
Average Water Usage	Approx. 1 Gallon Per Person Per Day
Average Electrical Usage	3-4 KWh Per Year
Drain Connection	1-1/2" Anti-Vibration (Hose Clamp)
Dishwasher Drain Connection	Yes

Food waste disposers can provide an environmentally responsible alternative to transporting food waste to landfills. And they can help reduce greenhouse gas emissions. At capable wastewater treatment plants, food waste can be recycled to produce renewable energy. Additionally, capable wastewater treatment plants can process food waste into fertilizer. (Check the plant in your area.)

www.insinkerator.com/green

c(UL)us LISTED   IAPMO Listed   MADE IN USA   ASSE

FSC
The mark of responsible forestry
BV-COC-080715
© 1996 Forest Stewardship Council A.C.

EMERSON™
Commercial & Residential Solutions

The Emerson logo is a trademark and service mark of Emerson Electric Co. The mounting collar configuration is a trademark of Emerson Electric Co.

InSinkErator may make improvements and/or changes in the specifications at any time, in its sole discretion, without notice or obligation and further reserves the right to change or discontinue models.

1-800-558-5700
www.insinkerator.com

Printed in U.S.A.

Features

- Two-function pull-down sprayhead allows you to switch from aerated stream to Sweep™ spray
- Sweep™ spray creates a wide, forceful blade of water for superior cleaning
- DockNetik™ secure docking system locks sprayhead into place when not in use
- ProMotion™ technology's light, quiet braided hose and swiveling ball joint make the pull-down sprayhead easier and more comfortable to use
- MasterClean™ sprayface features an easy-to-clean surface that withstands mineral buildup
- KOHLER ceramic disc valves exceed industry longevity standards for a lifetime of durable performance
- High-arch spout with 360° spout rotation offers superior clearance for filling pots and cleaning
- Single-handle operation facilitates flow and temperature control
- Temperature memory allows faucet to be turned on and off at the temperature set during prior usage
- 1.5 gpm (5.7 lpm) maximum flow rate at 60 psi (4.14 bar)

Material

- Premium material construction for durability and reliability
- KOHLER finishes resist corrosion and tarnishing

Installation

- Single- or three-hole installation (escutcheon included)

Adapters, Rough-in and Extension Kits

1012715	Range: 1-3/8" (35 mm) - 3-3/8" (86 mm)

ADA | **CSA B651**

Codes/Standards

ASME A112.18.1/CSA B125.1
NSF/ANSI/CAN 61
NSF/ANSI/CAN 372
All applicable US Federal and State material regulations
DOE - Energy Policy Act 1992
California Energy Commission (CEC)
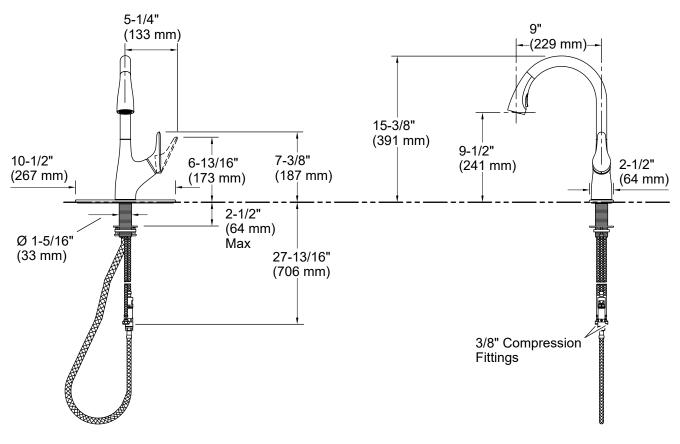ADA
ICC/ANSI A117.1
CSA B651

KOHLER® Faucet Lifetime Limited Warranty

See website for detailed warranty information.

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.
5-6-2023 22:56 - US/CA/MX

THE BOLD LOOK OF **KOHLER.**

5-1/4"
(133 mm)

9"
(229 mm)

10-1/2"
(267 mm)

15-3/8"
(391 mm)

6-13/16"
(173 mm)

7-3/8"
(187 mm)

9-1/2"
(241 mm)

2-1/2"
(64 mm)

Ø 1-5/16"
(33 mm)

2-1/2"
(64 mm)
Max

27-13/16"
(706 mm)

3/8" Compression
Fittings

Technical Information
All product dimensions are nominal.

Drain included: No

Notes
Install this product according to the installation instructions.

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

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.
5-6-2023 22:56 - US/CA/MX

THE BOLD LOOK
OF KOHLER.

Features
- 36" minimum base cabinet width
- Single bowl
- 9" (229 mm) depth provides generous workspace
- Three faucet holes
- Rear drain maximizes flat basin surface and storage space under the counter
- Includes installation hardware and bottom sink rack

Material
- Handcrafted from 18-gauge stainless steel
- Premium 18-gauge stainless steel

Installation
- Top-mount or undermount

Recommended Products/Accessories
K-6644 Sink rack for Vault™ and Strive® kitchen sinks
K-8801 Sink drain and strainer with tailpiece
K-8799 Sink drain and strainer basket
K-23726 Drain treatment
K-23729 Stainless steel cleaner

Optional Products/Accessories
K-6429 Utility Rack
K-6667 Wood Cutting Board
1177161 Installation Clip Kit
K-11352 Disposal Flange with Stopper

Included Components
1130570 Hardware Kit, Self-Rimming
K-6644 Sink rack for Vault™ and Strive® kitchen sinks
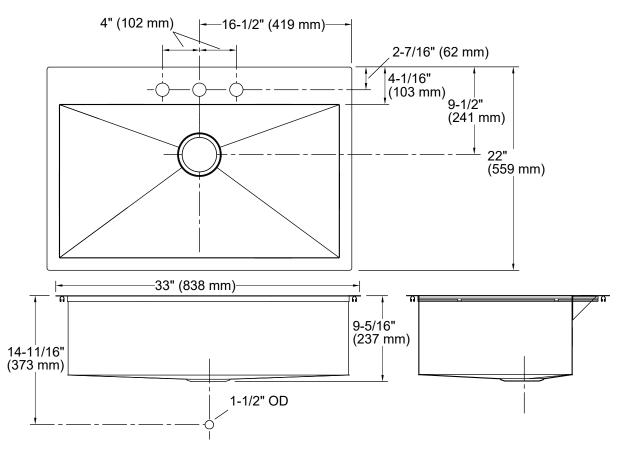
Codes/Standards
ASME A112.19.3/CSA B45.4

KOHLER® Stainless Steel Sinks Lifetime Limited Warranty
See website for detailed warranty information.

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.
5-29-2023 01:28 - US/CA/MX

THE BOLD LOOK OF **KOHLER.**

Technical Information

All product dimensions are nominal.

Bowl configuration:	Single
Installation:	Top-mount, Undermount
Min. base cabinet width:	36" (914 mm)
Bowl area (Only):	Length: 30-1/4" (768 mm) Width: 16-9/16" (421 mm) Bowl depth: 9" (229 mm) Water depth: 9" (229 mm)
Number of deck holes:	3
Faucet hole(s):	1-7/16" (37 mm)
Drain hole:	3-7/8" (98 mm)
Template:	1130821-7, required, included

Notes

Install this product according to the installation instructions.

Allow 3/4" (19 mm) clearance beyond the back of the bowl for the wood cutting board (optional accessory).

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.
5-29-2023 01:28 - US/CA/MX

THE BOLD LOOK OF KOHLER®

Window Specifications

ESSENTIAL

MARVIN ESSENTIAL™ COLLECTION

THE MARVIN PORTFOLIO

The Marvin portfolio consists of five product lines organized into three distinct collections defined by the degree of design detail and customization opportunities.

Marvin windows and doors offer exceptional performance, energy efficiency, low maintenance, and quality you can see, feel, and touch to help bring your vision to life.

ULTIMATE
Most extensive selection of features, options, and product types

MODERN
Design flexibility in a purely modern aesthetic available exclusively at Marvin Modern dealers

COASTLINE
Custom windows and doors for high velocity hurricane zones in the coastal Southeast

ELEVATE
Wide range of options and product types

ESSENTIAL
Curated options and product types

	MARVIN SIGNATURE® COLLECTION			MARVIN ELEVATE® COLLECTION	MARVIN ESSENTIAL™ COLLECTION
INTERIORS	WOOD 6 species options + custom 2 painted or primed options 6 stains + clear coat	EXTRUDED ALUMINUM 5 color options	EXTRUDED ALUMINUM 6 solid colors, 4 woodgrain finishes	WOOD Bare pine, painted Designer Black, painted White, or clear coat	FIBERGLASS 4 color options
EXTERIORS	EXTRUDED ALUMINUM 19 colors + custom OR WOOD 3 species + custom	FIBERGLASS 5 color options	EXTRUDED ALUMINUM 6 solid colors, 4 woodgrain finishes	FIBERGLASS 6 color options	FIBERGLASS 6 color options
SIZING	Standard + custom sizing for replacement, remodeling, or new construction	Custom sizing for remodeling or new construction	Custom sizing for replacement, remodeling, or new construction	Standard + custom sizing for replacement, remodeling, or new construction	Standard + custom sizing for replacement, remodeling, or new construction
HARDWARE	Extensive selection including Marvin Gallery Hardware	Minimalist hardware for modern design aesthetic	Available in multiple styles, sizes, and finishes to complement the window + door aesthetics	Available in 6 finish options with 2 door handle styles	Available in 6 finish options with 1 door handle style
COASTAL + WATERFRONT	Hurricane Impact Zones 3 and 4, + PG 50 Products		All products rated for High Velocity Hurricane Zone (IZ4)	Hurricane Impact Zone 3, + PG 50 Products	

Marvin Essential collection

DESIGN AND PERFORMANCE MADE EASIER

Characterized by clean lines, powerful performance, and streamlined options, the Marvin Essential collection makes it easier to achieve design and quality. The Essential collection features durable Ultrex® fiberglass interiors and exteriors, making it virtually maintenance free.

About Us

At Marvin, we're driven to imagine and create better ways of living, helping people feel happier and healthier inside their homes. We believe that our work isn't just about designing better windows and doors—it's about opening new possibilities for the people who use them.

Casement, Picture, and Awning windows in Ebony

Direct Glaze windows in Ebony

TABLE OF CONTENTS

WHY MATERIALS MATTER

THE MARVIN MATERIALS DIFFERENCE: ULTREX® FIBERGLASS

Choosing the right materials for windows and doors is important when it comes to long-term appearance and performance. Ultrex, an innovative fiberglass material pioneered by Marvin over 25 years ago, was one of the first premium composites on the market. However, not all composites are created equal.

Some companies use materials with fundamentally different properties and performance values to produce a composite material. Ultrex is different. High-density woven fibers bound by a thermally set resin makes Ultrex more resistant to pressure and temperature than vinyl-based composites. With such different materials grouped in the composites category, it is essential to know what sets them apart.
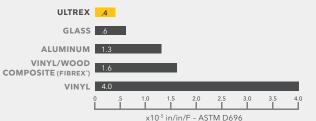
TEMPERATURES MAY FLUCTUATE, BUT ULTREX® FIBERGLASS WON'T

Ultrex expands and contracts at virtually the same rate as glass, so it works with glass rather than against it. This means seals aren't as prone to leaking, and windows aren't subjected to sagging issues like other composites.

This is especially true when compared to vinyl, which can distort in extreme heat and crack in fluctuating temperatures. Ultrex resists distortion even at temperatures up to 285°F. Rapid temperature change doesn't faze Ultrex. From -30°F to 70°F, a 6-foot stile changes less than $\frac{1}{32}$ inch in length.
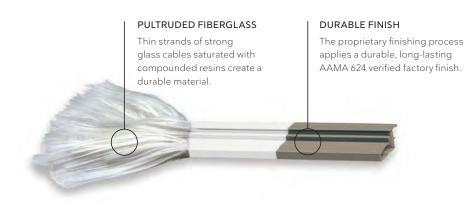
EXPANSION MEASUREMENT
Ultrex expands and contracts at virtually the same rate as glass.

ULTREX	.4
GLASS	.6
ALUMINUM	1.3
VINYL/WOOD COMPOSITE (FIBREX®)	1.6
VINYL	4.0

0   .5   1.0   1.5   2.0   2.5   3.0   3.5   4.0

x10^{-5} in/in/F – ASTM D696

INDUSTRY'S BEST FIBERGLASS FINISH FOR LASTING BEAUTY

Ultrex is the first and only fiberglass finish to be verified to AAMA's 624 voluntary finish specifications for fiber-reinforced thermoset profiles (fiberglass).

Windows and doors made with Ultrex resist scratches, dings, and marring more than vinyl. Our proprietary, mechanically bonded acrylic finish is up to three times thicker than painted competitive finishes, and it resists UV degradation up to five times longer than vinyl—even on dark colors.

ACRYLIC CAP

ULTREX	COMPOSITES	ULTREX	COMPOSITES

STRENGTH AND STABILITY OF ULTREX

Ultrex pultruded fiberglass has a tensile strength 8x stronger than vinyl and 3x stronger than non-fiberglass vinyl/wood composites. Windows and doors made with Ultrex bend and flex less, resist cracking and separating, and stand up better to everyday wear and tear.

The exceptional strength and stability of Ultrex eases installation and establishes a secure, long-lasting fit that stays square and true year after year.

PULTRUDED FIBERGLASS
Thin strands of strong glass cables saturated with compounded resins create a durable material.

DURABLE FINISH
The proprietary finishing process applies a durable, long-lasting AAMA 624 verified factory finish.

Double Hung windows in Stone White

COOLER IN SUMMER, WARMER IN WINTER

TOP RATED ENERGY EFFICIENCY

The National Fenestration Rating Council (NFRC) defines energy performance ratings for the entire window and door industry. It rates:

• **U-factor:** How well a window keeps heat inside a building.

• **Solar heat gain:** A window's ability to block warming caused by sunlight.

• **Visible light transmittance:** How much light gets through a product.

• **Air leakage:** Heat loss and gain by air infiltration through cracks in the window assembly.

Ultrex® fiberglass is 500 times less conductive than roll-form aluminum, similar to wood and PVC. It provides an insulated barrier against extreme weather temperatures, keeping homes comfortable and reducing heating and cooling costs.

ENERGY COST SAVINGS

Marvin was the first major window and door manufacturer to offer energy-efficient Low E2 glass and ENERGY STAR® certified performance on all of our standard windows and doors. Compared to non-certified products, ENERGY STAR certified windows and doors cut heating and cooling costs by 12%.*

The Essential collection offers Low E1, Low E2, Low E3, and Low E3/ERS insulated glass with argon gas, which has thermal conductivity 30% lower than that of air. It adds improved solar and thermal protection by distinguishing between visible light, damaging UV, and near-infrared rays to offer the ultimate glass performance. In addition, it provides a selection of energy-efficient solutions depending on your climate and needs.

LOW E GLASS COATING

The Low E coating is specially designed to take advantage of the angle of the winter and summer sun. Winter sun is absorbed and conducted indoors. Summer sun is filtered and reflected back outdoors.

WINTER SUN

SUMMER SUN

^ LOW E GLAZING

^ LOW E GLAZING

Double Hung windows in Stone White

A MORE COMFORTABLE INTERIOR, REGARDLESS OF THE SEASON

Keep heat inside during cooler weather and block the sun's rays during warmer weather with dual-pane windows and Low E coating.

DESIGNED WITH PROS IN MIND

PEACE OF MIND

Every project has its own unique requirements, and Marvin is equipped to meet those challenges. Our unique Ultrex® fiberglass construction, available factory services, unmatched delivery, and network of dedicated service and support personnel make the Essential collection the perfect choice—no matter the project.

EASY TO ORDER, SIMPLE TO INSTALL

The Essential collection offers simplified options to make the order process straightforward. Installation options and accessories make installing Marvin easier than ever. See page 18 for more information.
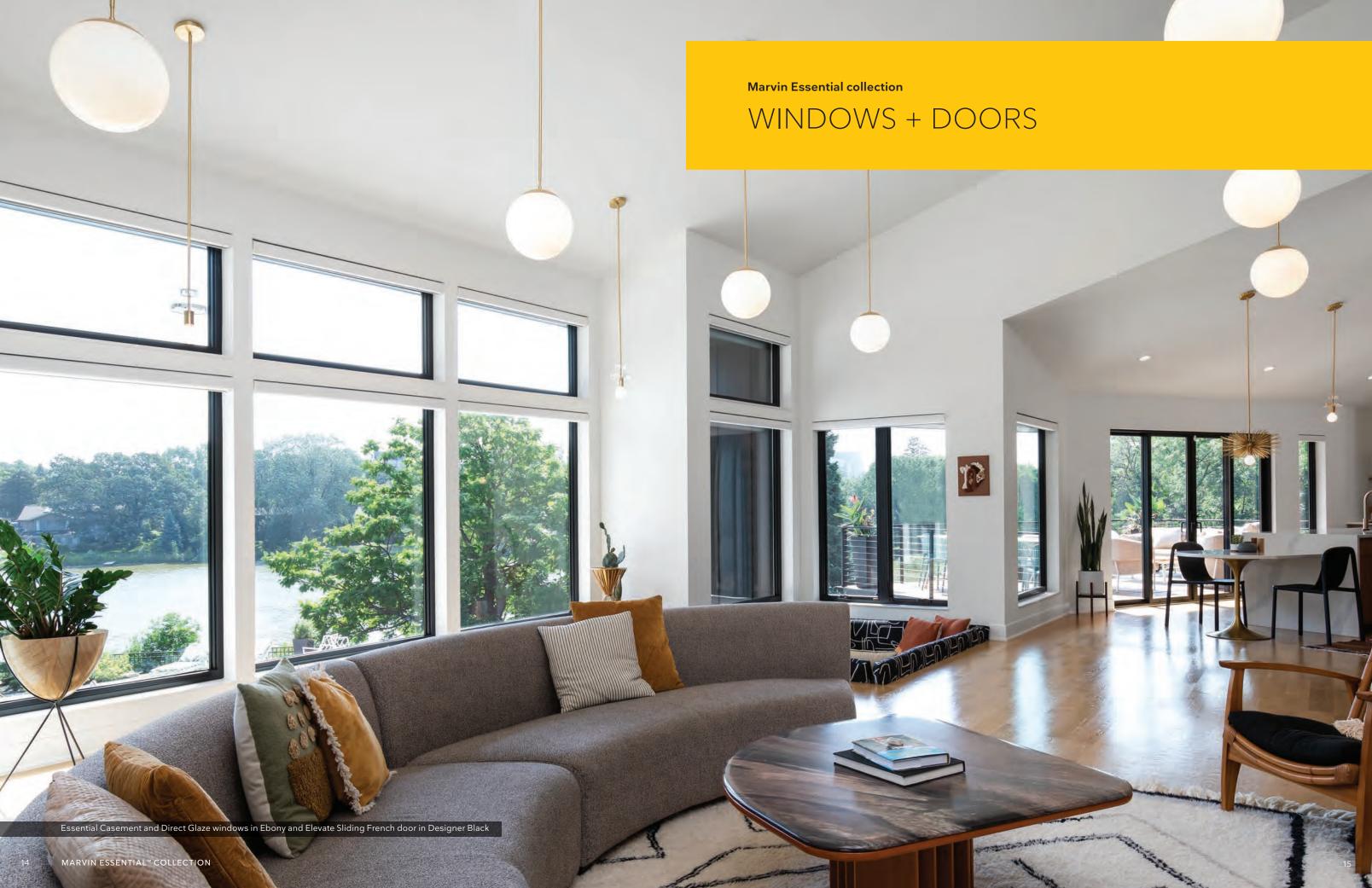
MARVIN HAS YOU COVERED

The Essential collection is backed by a fully transferable 20/10 warranty—20-year coverage on glass, and 10-year coverage on manufacturing materials and workmanship.

CREATING VALUE AND EFFICIENCY EVERY STEP OF THE WAY

Weather-tight, solid, and durable Ultrex® fiberglass means there are virtually no call-backs. Essential window and door profiles are optimized for the maximum in performance and fit.

Double Hung window in Stone White

WINDOWS + DOORS

Essential Casement and Direct Glaze windows in Ebony and Elevate Sliding French door in Designer Black

CASEMENT + AWNING

Casement windows in Ebony with Matte Black hardware

Awning and Picture windows in Ebony

CASEMENT + AWNING

- Multi-point sequential locking system provides superior PG40 performance rating with single lever operation.

- Stationary, operating, Transom, and Picture units available.

- Folding handle provides easy operation and neatly stows out of the way of window treatments and blinds.

- Casement available in standard and special sizes up to 3 feet wide by 6 feet high.

- Awning available in standard and special sizes up to 4 feet wide by 3 feet high.

- Coordinating Picture and Transom windows available up to 6 feet wide by 6 feet high.

- Features an easy to remove screen with concealed fasteners.

- Crank out operation.

CASEMENT INTERIOR

AWNING INTERIOR

FOLDING HANDLE SHOWN IN OIL RUBBED BRONZE

SINGLE HUNG

Single Hung windows in Bronze

Essential Single Hung windows Ultimate Bi-Fold door and in Stone White

SINGLE HUNG

- Features a fixed top sash and a movable bottom sash for a traditional double hung look.
- Comes with a standard aluminum half screen; optional full screen is available.
- Lower sash lock provides a positive detent, reassuring user that the window is either locked or unlocked.
- Equal, Cottage, and Reverse Cottage sashes provide a variety of looks and checkrail heights.

- Up to PG50 performance rating.
- Factory, reinforced, and field-mulling kits available.
- Standard and special sizes up to 4 feet wide by 6 feet 6 inches high.
- Coordinating Picture and Transom windows available in sizes up to 5 feet wide by 6 feet high.
- The lower sash removes easily with no strings or cords to detach.

INTERIOR

EXTERIOR

COTTAGE AND REVERSE COTTAGE SASH RATIO

DOUBLE HUNG

Double Hung windows in Stone White

Double Hung windows in Stone White

DOUBLE HUNG

- Two movable sashes with versatility to create ventilation at the top, bottom, or both.

- Equipped with a standard full screen; optional half screen is available.

- Tilt latches are ergonomically designed and easy to operate, making tilting and cleaning effortless.

- Up to PG50 performance rating on a majority of sizes.

- Equal, Cottage, and Reverse Cottage sashes provide a variety of looks and checkrail heights.

- Factory, reinforced, and field-mulling kits available.

- Available in standard and special sizes up to 4 feet wide by 6 feet 6 inches high.

- Coordinating Picture and Transom windows available in sizes up to 5 feet wide by 6 feet high.

INTERIOR

EXTERIOR

TILT MODE FOR EASY CLEANING

GLIDER

Glider window in Ebony

Glider and Picture windows in Ebony

GLIDER

- Perfect alternative to a swinging sash.

- Operating sash easily tilts and removes with no cords or strings to detach.

- Tilt latches are ergonomically designed and easy to operate, making tilting and cleaning effortless.

- Innovative screen design for easy installation and removal.

- Triple-sash option provides the appearance of a Picture window assembly.

- Available in dual-sash with left or right operating panel as well as triple-sash with fixed center panel and two operating end panels.

- PG25 performance rating on triple-sash and up to PG40 performance rating on dual-sash.

- Available in standard and special sizes up to 6 feet wide by 5 feet high for dual-sash and 8 feet wide by 5 feet high for triple-sash.

INTERIOR

EXTERIOR

GLIDER PULL SHOWN IN WHITE

PICTURE

Picture windows in Ebony

PICTURE

- Fixed window available in either in-sash or direct glaze to meet various design needs.
- Direct glaze:
  - › Glass meets the frame directly without a sash for a simple, clean profile with more glass area.
  - › Available in sizes up to 9 ½ feet wide by 9 ½ feet high, not to exceed 49 square feet.

- In-sash:
  - › Designed to match profiles of operable windows in the Essential collection.
  - › Casement Picture windows available in sizes up to 6 feet wide by 6 feet high.
  - › Double Hung Picture windows available in sizes up to 5 feet wide by 6 feet high.

INTERIOR

EXTERIOR

INTERIOR WINDOW PROFILE SHOWN IN STONE WHITE

Picture windows in Ebony

ROUND TOP + SPECIALTY SHAPES

Round Top and Direct Glaze windows

ROUND TOP

- Constructed of a glass reinforced composite capped with proprietary acrylic finish.
- Complements Ultrex® fiberglass performance and radius profile.
- Available nailing fin, installation bracket, and through jamb installation.

- Perforated folding radius nailing fin provides for simple installation and proper water management.
- Available factory and field-mulling options.
- Standard and special sizes up to 8 feet wide and up to 7 feet high depending on the shape.
- Up to PG50 performance rating.

EXTERIOR + INTERIOR

TRUE HALF ABOVE SPRINGLINE   EYEBROW ABOVE SPRINGLINE   HALF ROUND

SPECIALTY SHAPES

- Jambs are available factory applied or in an extension kit in 4 9/16 inch and 6 9/16 inch sizes.
- Consistent, fast delivery applies to even the most unique products.

- PG50 performance rating.
- Factory, reinforced, and field-mulling kits available.
- Available in sizes up to 49 square feet. Longest leg may not exceed 9 ½ feet.
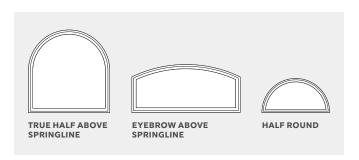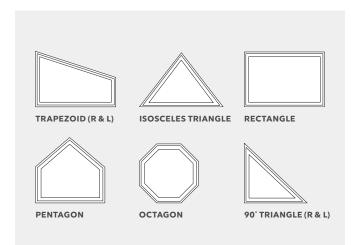
INTERIOR PENTAGON   INTERIOR ISOSCELES TRIANGLE

TRAPEZOID (R & L)   ISOSCELES TRIANGLE   RECTANGLE

PENTAGON   OCTAGON   90° TRIANGLE (R & L)

SLIDING PATIO DOOR

Sliding Patio door in Ebony with Matte Black hardware

SLIDING PATIO DOOR

- A top hung sliding screen operates smoothly without jamming.
- Matching handle set design provides style and security.
- Optional slim handle provides 32-inch net clear opening on certain 2- and 3-panel configurations (see page 39).
- Special sizing available on 2-panel configurations.
- PG30 performance rating.

- Doors come with standard tempered Low E2 insulated glass with argon gas. Optional Low E1, Low E3, and Low E3/ERS meet diverse energy-efficiency needs.
- Available in standard and special sizes up to 6 feet wide by 8 feet high for 2-panel configurations, and 9 feet wide by 8 feet high for 3-panel configurations.
- Coordinating Transom windows available.

INTERIOR

EXTERIOR

SILL DETAIL SHOWN IN BRONZE

Sliding Patio Door in Bronze with Matte Black handle

Marvin Essential collection

PRODUCT OPTIONS

Casement and Direct Glaze windows in Ebony

INSTALLATION MADE SIMPLE AND EFFICIENT

Marvin Essential windows and doors bring together design, quality, and performance in one streamlined collection. Essential products offer a number of installation options and accessories that make it easy to meet project demands.

NAILING FIN
Snaps out for easy installation.

JAMB EXTENSION
Allows for easy finishing with traditional molding and trim.

J-CHANNEL
Quickly and easily finishes the exterior.

SHEETROCK RETURN
Accommodates ½"–⅝" drywall installations.

3/4" RECEIVER
Works with thicker installation methods, including box jambs.

FRAME EXPANDER
Provides installation flexibility.

CASEMENT/AWNING 3" SASH LIMITER
Permanently limits sash movement for safety and security.

DOUBLE/SINGLE HUNG SASH LIMITER
Permanently limits sash movement for safety and security.

NON-OPERABLE LOCK
Renders sash inoperable.

GLIDER WOCD
Limits opening to 4" while providing for full egress. ASTM F2090-10 compliant.

CASEMENT WOCD
Limits opening to 4" while providing for full egress. ASTM F2090-10 compliant.

DOUBLE/SINGLE HUNG WOCD
Limits opening to 4" while providing for full egress. ASTM F2090-10 compliant.

EXTERIOR TRIM

Ultrex® Exterior Trim is offered with all rectangular Marvin Essential products in six exterior finishes. The durability, performance, and look of Essential collection windows and doors can be extended to the trim.

BRICK MOULD
2" Brick Mould is available with or without 2 ⅛" sill nosing.

FLAT
3 ½" Flat Trim is available in Flat and Flat Ranch configurations with or without 2 ⅛" sill nosing.

SILL NOSE
2 ⅛" Sill Nose provides authentic sill appearance.

CONNECTION BARB
Barb and receiver attachment method provides for quick, secure installation.

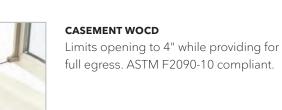BRICK MOULD

FLAT

SILL NOSE

CONNECTION BARB

TRIM CONFIGURATIONS

Multiple configurations are available in lineal lengths and factory pre-cut kits in all six Essential collection exterior colors.

BRICK MOULD

FLAT

FLAT RANCH

BRICK MOULD WITH SILL NOSE

FLAT WITH SILL NOSE

FLAT RANCH WITH SILL NOSE

BRICK MOULD*

FLAT*

FLAT RANCH*

* Brick Mould, Flat, and Flat Ranch profiles are available on doors.
  Sill profiles are not included for door trim sets.

DESIGN OPTIONS

INTERIOR AND EXTERIOR FINISHES

Essential windows and doors have a durable, strong, and fully paintable Ultrex® fiberglass interior and exterior, featuring our AAMA-verified acrylic finish for low-maintenance and superior aesthetics.

FIBERGLASS INTERIOR COLORS

STONE WHITE
Available with your choice
of exterior finish colors

BRONZE
Available when paired with
Bronze exterior finish

GUNMETAL
Available when paired with
Gunmetal exterior finish

EBONY
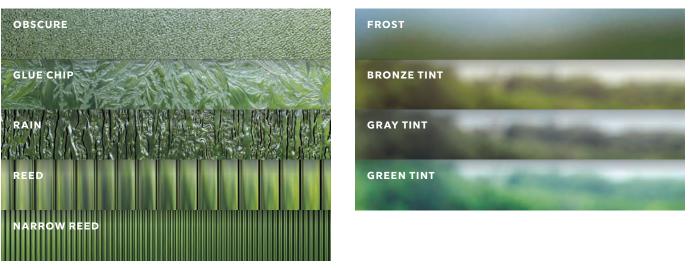Available when paired with
Ebony exterior finish

FIBERGLASS EXTERIOR COLORS

STONE WHITE

CASHMERE

PEBBLE GRAY

BRONZE

GUNMETAL

EBONY

GLASS OPTIONS

Available in dual-pane in Low E1, Low E2, Low E3, and Low E3/ERS insulated glass with argon gas.* Options include glazing for sound abatement (STC/OITC), high altitudes, and California fire zones.

DECORATIVE GLASS

OBSCURE

GLUE CHIP

RAIN

REED

NARROW REED

FROST

BRONZE TINT

GRAY TINT

GREEN TINT

DIVIDED LITES

GRILLES-BETWEEN-THE-GLASS (GBG)
Available in several popular lite cut options for a classic divided lite look and easy glass cleaning. Available in Stone White, Bronze, Gunmetal, and Ebony interior and Stone White, Cashmere, Pebble Gray, Bronze, Gunmetal, or Ebony exterior.*

GRILLES-BETWEEN-THE-GLASS SHOWN IN STONE WHITE

Casement window with Low E2 glass

* Not available in polygons except direct glaze rectangles.

* Argon gas not available in high elevations where capillary tubes are required.

HARDWARE STYLES

WINDOW HARDWARE

Windows feature classic low-profile, durable hardware for clean aesthetics, safety, and security.

SASH LOCK + KEEPER
Double Hung, Single Hung, and Glider

FOLDING HANDLE
Casement and Awning

DOOR HANDLE

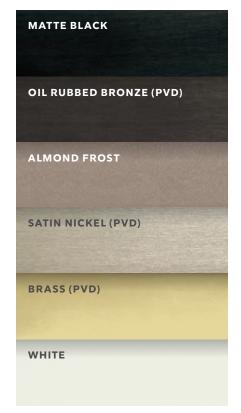Sliding Patio Doors feature classic profile durable hardware, a perfect blend of safety and security.

CAMBRIDGE

DOOR HANDLE OPTIONS
• Available keyed-alike option (use one key on multiple locks with up to 3 different keys on each project).
• Choose a distinct interior and exterior handle finish that matches or complements the interior and exterior color of your door.

FINISHES

MATTE BLACK

OIL RUBBED BRONZE (PVD)

ALMOND FROST

SATIN NICKEL (PVD)

BRASS (PVD)

WHITE

Double Hung window with Sash Lock and Sash Lift in Oil Rubbed Bronze
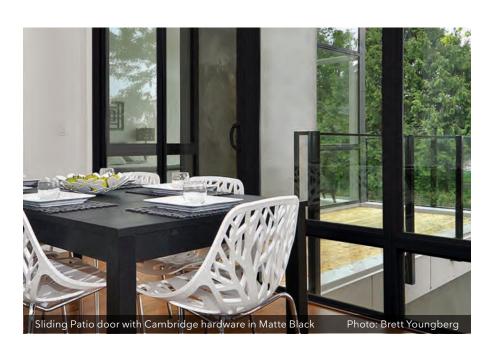
Choose from a variety of hardware finishes to complement your Essential collection windows and doors.

The Physical Vapor Deposition (PVD) process adds a layer of toughness to hardware exposed to environmental factors like direct sun and humidity. PVD finishes resist fading and discoloration, even in coastal areas. PVD has the highest grade corrosion resistant finish.

PVD finish is available on exterior door hardware in Oil Rubbed Bronze, Satin Nickel, and Brass.

Essential Direct Glaze windows in Ebony and Ultimate Sliding Patio door in Designer Black

Sliding Patio door with Cambridge hardware in Matte Black   Photo: Brett Youngberg

THE MARVIN ESSENTIAL COLLECTION BRINGS TOGETHER DESIGN, QUALITY, AND PERFORMANCE IN ONE STREAMLINED OFFERING.

Strong, durable Ultrex® fiberglass exteriors and interiors are both striking and virtually maintenance free. Simplified options make the order process straightforward, while clean lines and versatile styles make it easy to meet project demands.

Direct Glaze windows in Ebony

MARVIN®

Since we opened as a family-owned and -operated lumber and cedar company in 1912, Marvin has designed products to help people live better. We remain committed to bringing beauty and simplicity into people's lives with windows and doors that stand the test of time.

MARVIN.COM

Colors shown in printed materials are simulations and may not precisely duplicate product or finish colors. Contact your local Marvin dealer to view actual product and finish color samples.