

It is very important that the personnel installing the Avonite Surfaces material be properly trained and follow the recommended procedures. Improper installation may lead to problems in the future. Failure to follow the recommended procedures will void the warranty.

## Substrates

Choosing the appropriate substrate for different applications should be considered. A solid substrate cannot be used when heat sources are present, as in kitchen applications. The following methods demonstrate alternatives to solid substrates.

## Runner Method

The runner method uses 1" x 4" (25.4mm x 101mm) supports that run parallel to the length of the top as shown in Figure A. They are at the front, center and rear edge of the counter top, adhered with dabs of silicone every 18"-24" (45.7cm - 61cm). The cabinets must have cross supports for the runners every 18"- 24" (45.7cm - 61cm).

## Clearances

Be sure to leave 1/16"-1/8" (3mm) between the edge of the substrate and the back of the build up. Leave a minimum 1/16" (1.5mm) between the counter top and the back wall. For wall to wall installations, allow clearance on each end for expansion. Leave a 1/8" gap for Class I products and 3/16" for Class III products. Allow as much clearance as possible at cook tops and drop-in sinks.

## Adhering Material to Substrates

Dabs of silicone are placed in the front, center and rear every 18"-24" (45.7-61cm) for all substrates. A dab of silicone should be the size of your thumb nail.



## Securing Top to Cabinets

We recommend attaching substrate to the Avonite Surfaces top first and then fastening it to the cabinets. This way if you ever need to remove the top, you may do so without destroying it. Set tops on pre-leveled cabinets. Put screws from all corner blocks on cabinets into substrate. Make sure screws do not go all the way through substrates and into countertop. If screws are allowed to contact the solid surface, they may start a crack at that point. We recommend 100% silicone for bonding to wooden substrates. NEVER USE LIQUID NAILS™ or other rigid adhesive which does not allow for expansion or contraction of the top.

**ALL CUT OUTS SHOULD BE MADE WITH A TEMPLATE AND A ROUTER AND HAVE A MIN. 1/4" (6mm) INSIDE CORNER RADIUS.**

Corners of cook top cut outs must be reinforced by bonding a 3" (76mm) x 3" (76mm) or larger piece of Avonite Surfaces material to the underside.

Using the runner method substrate as pictured allows for venting of heat.

**COOKTOP AND BACKSPLASH CLEARANCE**

Due to excessive heat generated from cook tops and pans being heated, minimum clearances are required by Avonite Surfaces material.

Standard 4"(102mm) tall splashes should have a minimum clearance of 2"(51mm) between the splash and the cook top flange.

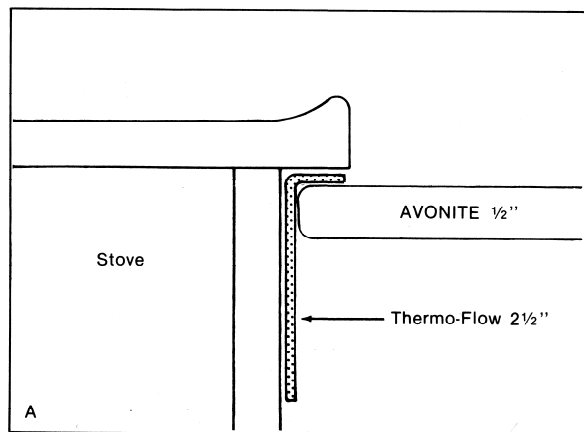
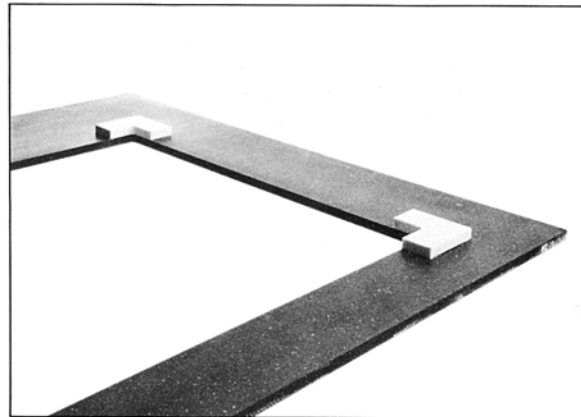
**Note to homeowner:**

Full height splashes within 2-1/2" (63.5mm) from the cook top flange will not be covered under Avonite Surfaces' 10 year warranty. Extensive use of large oversized pans that overhang the counter should be avoided.

Commercial type cook tops for residential use need to be supported inside cabinet base, so that cook top is not supported by countertop alone.

**THERMO-FLOW TAPE**

The use of Avonite Surfaces' Thermo-Flow tape is REQUIRED for prevention of damage in cook top cut outs and slide-in ranges due to excessive heat. The use of any other tape voids the 10 year warranty. Thermo-Flow is a 2-1/2" (63.5mm) wide heat conductive aluminum tape with a glass backing that adds insulating properties. Install one layer of Thermo-Flow around the cut out as shown in Figure A.



**Commercial Food Service Hot Well Limitations**

Avonite Surfaces does not warrant the use of Class III products for use in commercial hot well unit applications. This restriction will continue in effect until appropriate design criteria have been developed. We will keep you advised of any future developments in this area. Guidelines for installation of commercial hot wells are given on page 3.4.

## Making Field Seams

To insure that drop edges are properly aligned after seaming, stop routing the profile a couple of inches from the seam on either side. After removing the flash line of the seam you may then route the profile across the seam.



## INSTALLATION CHECK LIST

1. Before Seaming
  - a. Good dry fit (no gaps).
  - b. Seam Block in place
  - c. Separation paper.
  - d. Proper clearances.
  - e. Clean with isopropyl alcohol.
  - f. Prepared for clamping.
2. Support all seams
3. Substrate secured to cabinets
4. Level cabinets (3/32" in 48"(2.38mm in 120cm)
5. Cutouts—1/4" (6.3mm) radius
6. Thermo-Flow tape on cook top cutout
7. Inside corner radius
8. Silicone

## OVERHANGS

When installing overhanging countertops, support is required for 1/2" (12.7mm) thick overhangs extending more than 6" (152mm). Support is provided by plywood underlayment and brackets which are equilateral right triangles (anchor leg is equal in length to the support leg). Brackets, when required, are placed no more than 24" (60.9cm) apart and should come to within 5" (127mm) of the countertop edge. Refer to the dimensions below for the type of support to use.

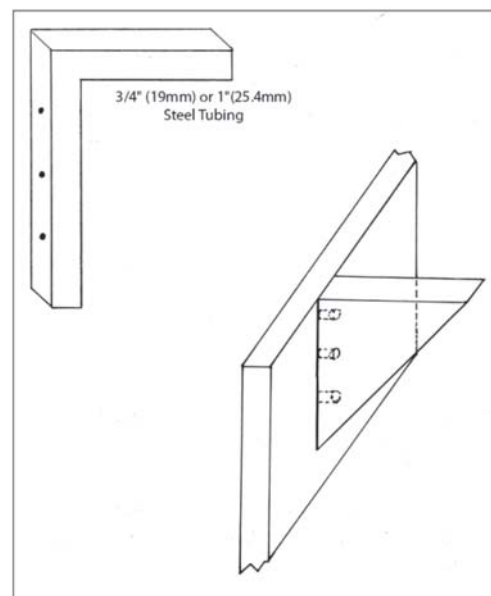
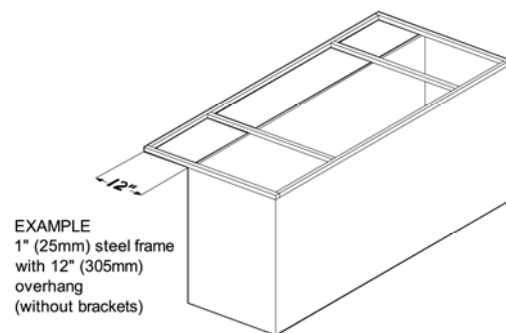
## OVERHANG SUPPORTS

Up to 6" require no additional support.

6" - 12" require 3/4" plywood substrate or brackets

12" - 18" require brackets or metal frame

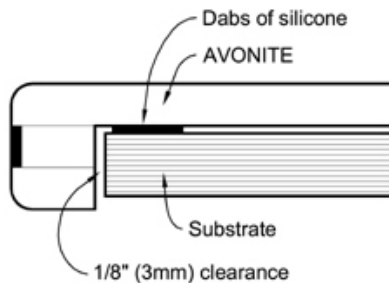
Overhangs more than 18" should be engineered to no more than 1/8" deflection.



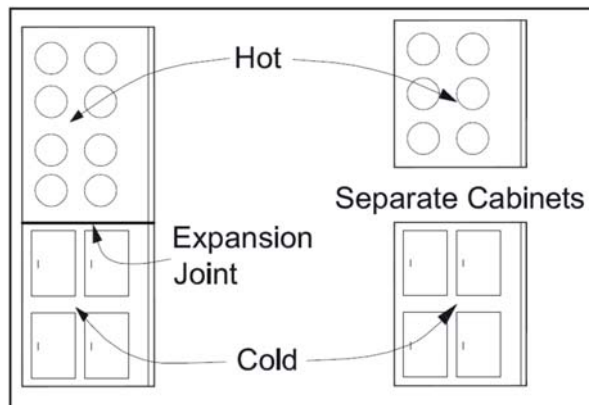
## COMMERCIAL FOOD SERVICE AREAS

The following features must be included in a commercial food service installation in order to be covered by Avonite Surfaces' 10-Year Material Warranty. Color must be selected from among Avonite Surfaces' Class I fire rated products.

1. Cabinet must be even and level with no protrusions to cause cracking.
2. Support tops every 18" (45.7cm). Cantilevers over 6" (15.2cm) require structural support. Provide support within 3" (7.6cm) of all cut outs.
3. Hot and cold units must be supported from below and not rest on the Avonite top.
4. Attach Avonite to support frame with dabs of silicone every 18"-24" (45.7-61cm) ; do not use a continuous bead.



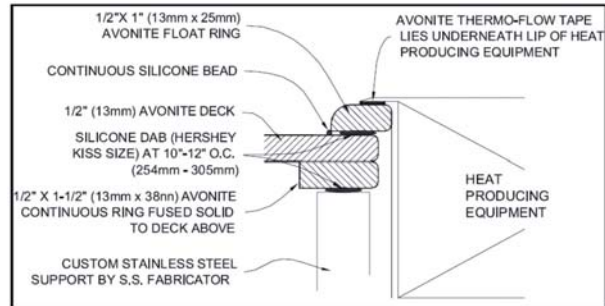
5. Separate tops containing hot sections from those with cold sections. A soft (silicone) seam may be used.



6. Make cut outs with router and template and allow a 1/2" (1.2cm) radius in the corners. Cut and sand a 1/8" (.3cm) round over on top and bottom edge of cut out.

7. Reinforce corners of rectangular cut outs with 6" x 6" (15.2x15.2cm) blocks of Avonite. Circular cut outs must have a continuous ring of Avonite 2" (5cm) wide as reinforcement.

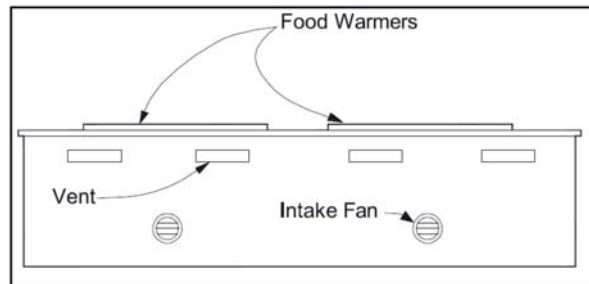
8. Use a layer of Thermo-Flow tape to line the perimeter of all hot and cold cut outs.



9. Hot well units must be covered with a layer of Flex-Sulation blended PVC foam sheeting. The foam may be attached to the hot well with 3M® double sided aircraft tape, or duct tape.

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Part # 9349K1

10. Cabinets are to be ventilated by installing a fan near the bottom to pull cool air into the cabinet and by providing vent slots near the upper edge of the cabinet to expel the hot air. Temperatures in the cabinet must not exceed 170°F (78°C).



11. Sneeze guards must be fastened to the cabinets or the floor, not directly to the Avonite. Holes in the Avonite to accommodate the sneeze guard supports must be cut 1/4" (.6cm) oversize in diameter to allow for expansion and contraction.

12. Deck seams must be reinforced with a 4" (7.6-10cm) seam block. Keep seams 3" (7.6cm) or more away from cutouts.

## Wet Wall Panels and Accessories

Please read the instructions carefully prior to installing the wall system. This document will give you basic instructions for the installation of wet wall panels in a step-by-step sequence that will work in most types of installations. If you have an installation that is not covered, please call Avonite Technical Services with any questions.

**Warning**—Please inspect all items and report any damage. Store panels in a flat area to avoid warping until the time of installation. Allow panels to acclimate to room temperature before installing.

## Recommended Tools and Supplies for Installation

- Circular Saw with Carbide Tip Blade (24-40 tooth)
- Random Orbital Sander
- Belt Sander w/80 Grit Belt
- 150-320 Grit Sandpaper & Scotch Brite Pad
- Installation Kit or Hot Melt Gun & Glue Sticks
- Drill, Hole Saw, 1/2" Diameter Bit (Sharp)
- Caulk Gun & Silicone
- Level
- Square
- Jig Saw with Wood Finish Blade
- Compass or Scribe Tool
- Denatured Alcohol
- Clean Shop Rags
- 1x4 x 8' Wood for Bracing (4 pcs.)
- Paintable Latex Caulk

## Preparing the Site

- Prepare the area with moisture resistant dry wall, or tile backer board. Never install directly on any wall construction that is, or may become, damp.
- When installing over ceramic tile, check for loose tiles. If you find any, correct the problem. Make sure that the area to be covered is uniform in support. If not, build up the areas without tile. Remove the bottom row of tile and cut a ventilation gap in the substrate.
- On every installation, make sure that there is a 1/2"-1" clearance between the top of the shower pan or tub deck and the bottom of the substrate. This will allow for ventilation and keep water leaks from wicking up the substrate. (Figure 1)

## Preparation for Accessories

### Recessed Accessories

Make sure the accessories will fit near, but not in, a stud and closer to the center of the sheet. Make sure no electrical wiring or plumbing is present before cutting out for the accessories. Make the cutout in the substrate to receive the accessory.

### Surface Mounted Accessories

If a surface mounted accessory, such as a grab bar, is going to be installed, make sure 2" x 6" wood blocking is installed behind the substrate where the surface mounted accessory will be located. This will insure that there is solid backing for any screws that need to be used in the installation.

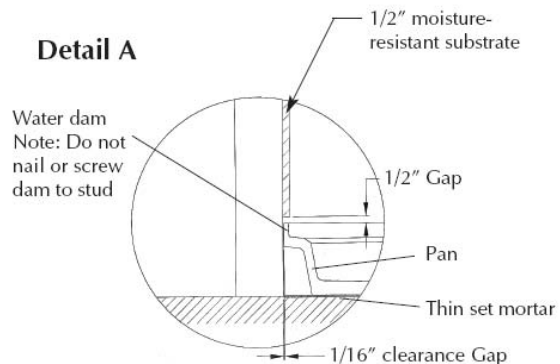
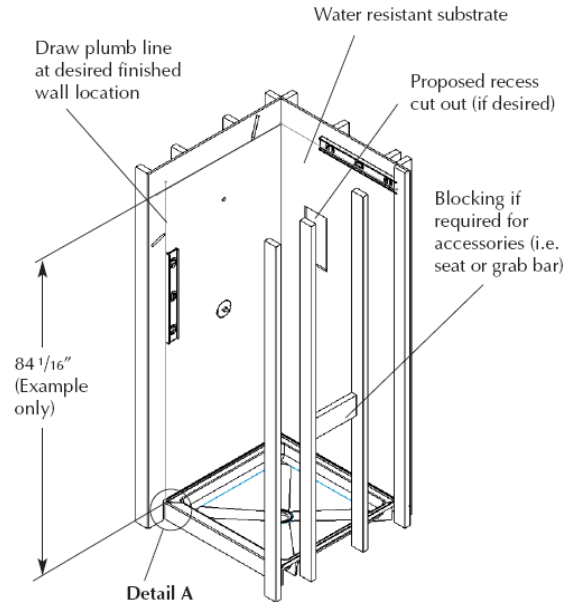
## Measuring for Installation

1. Determine your desired wall panel height. Allow for a  $\frac{1}{16}$ " gap between the panel and shower/tub base for a better silicone seal.
2. Panels should be installed in the following order, Back wall, Side wall without plumbing and then the plumbing wall.
3. You may need to draw level and plumb lines on the wall to determine whether your shower pan or walls are out of square. Using the reference line and measuring from the lowest point on tub or widest point on the wall, determine how your panels will need to be cut. Transfer this data to the panels. (Figure 1)
4. Check your measurements and cut the panels with a circular saw or jig saw. You may make final adjustments to your cuts with a belt sander.

## Measuring and Making Cutouts

1. All inside corners of cutouts should have a **minimum  $\frac{1}{4}$ " radius**. Do not cut sharp inside corners.
2. Locate the location of the plumbing holes. Transfer the data to the panels. Cut the holes a minimum  $\frac{1}{4}$ " larger than the pipe diameters. The cover plates for the plumbing fixtures may allow for more variance. Consult the plumbing fixture installation instructions for templates and recommended hole cut out sizes. Check your measurements and using a jig saw or standard bimetel hole saw, cut out the plumbing holes.
3. Once the panels are cut to size, locate the caddy cutouts, marking the cut out locations. Cut the caddies out after the panels have been installed.

Figure 1



### Mounting the Panels (Figure 2)

**1. Shim:** Place shims ( $1/16$ " thick) at the base of where the sheets will rest. This allows for better flow of the silicone. Laminate chips make great shims. (Shims may not be necessary if the slope of the pan creates a natural adhesion gap.)

**2. Trial Fit & Scribe the Panels As Needed:** Place the panel on the shims where it will be installed and check the fit. If necessary, scribe the panel for a better fit. Trim the scribe with a belt sander.

**3. Clean the Sheets and Installation Area:** With denatured alcohol and a clean rag, clean the back of the sheets and the substrate, along with any other area that will be in contact with the silicone.

**4. If using an installation kit,** prior to applying the silicone adhesive, apply the butyl tape about 2" from the edge, around the perimeter of the panel.

**5. Apply the silicone adhesive,** about 1" from the edge, around the perimeter of the panel. Place quarter sized dots of silicone adhesive every 8-10 inches apart over the surface of the panel. If Accessories are being used, on the wall, place a bead of silicone around the cut out location.

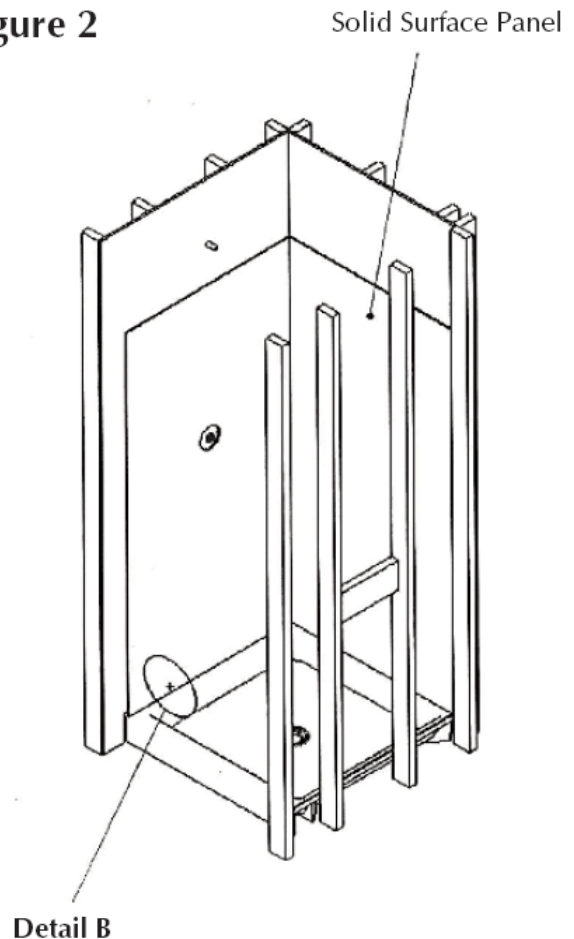
**6. Place the panel on the  $1/16$ " shims,** line up any holes, and firmly press the panel in place.

**7. If using a hot melt glue gun,** apply the silicone as stated in steps 4 & 5, apply hot melt along the back edge of the panel where it will be attached to the substrate and press the panel firmly into place. The hot melt will hold the panel until the silicone sets up.

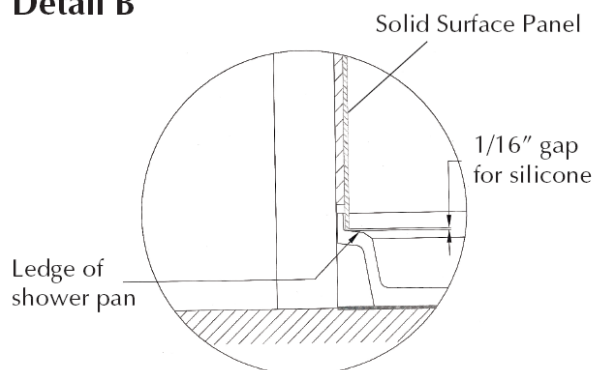
**8.** If you find the panel pulling from the wall, bracing may be necessary. Use 1 x 4 boards, or other dimensional lumber, and brace the panels where needed as illustrated. (Figure 3)

**9.** Allow the silicone to cure. Make all remaining cut outs. Silicone between the panel and the substrate along the cut out edge and install the accessory.

Figure 2



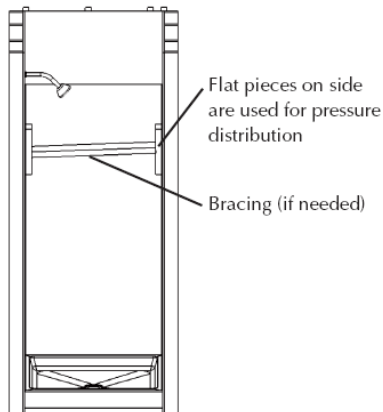
Detail B



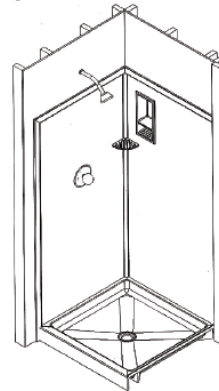
11. Once the silicone is set up and the panel is secure, install the optional components.

12. Install any surface mounted items, such as grab bars, shower seats, etc, make sure that the screw hole drilled into the panel is 1/16" larger than the screw so that the accessory is held in place by the wood blocking and not the panel. If the accessory is to be ADA compliant, please refer to the ADA guidelines for the proper heights and locations.

**Figure 3**



**Figure 4**



### Installing Optional Trim

- Trim should be installed using silicone adhesive. Hot melt glue should be used to tack the trim in place while silicone cures. Clean all joints with denatured alcohol before applying silicone.
- Caulk all inside joints with the color matched silicone.
- Caulk outside joints with paintable caulk where wall surfaces are painted, or silicone if wall surfaces are unpainted.
- Clean up silicone with denatured alcohol while silicone is still wet.

## Surface Mounted Shelf Accessory

These instructions apply to the shelf accessories that are designed to rest flush against the corner of two wall panels and not recessed within a wall panel.

1. For ease of installation, clean the mounting area of the panels with denatured alcohol.
2. Use the level and mark on each panel where the shelf unit should be placed. Hot melt or tape two indexing blocks (small pieces of wood or solid surface) where the shelf unit will be mounted, using the marks from above. These blocks will ensure that the mounting is level and will hold the unit in place until the silicone adhesive dries.
3. Apply silicone to the sides of the accessory that will be in contact with the wall panels. Leave several spots between the silicone on the accessory to apply hot glue or tape.
4. Apply small amounts of hot melt or tape to the accessory in several places and immediately press the accessory into the wall panels, making sure that it is straight and flush against the wall panels and index blocks.
5. Hold the accessory in place for 30 seconds or until the hot melt has cured. The hot melt should hold the accessory in place until the silicone cures. Remove any excess silicone around the shelf accessory before it dries.
6. Once the accessory is securely in place, the index blocks can be removed if desired. Apply silicone to all edges of the accessory that contact the wall panels. Let silicone cure for 24 hours in the dry environment before resting objects on the shelf accessory.

**Note:** *Never try to screw into the wall panel.*

## Recessed Shelf Accessory

These instructions apply to the shelf accessories that are designed to be recessed within a wall panel.

1. Make sure no electrical wiring or plumbing is present before cutting out the location for the accessory.
2. Measure, level and mark the panel for the location of the accessory. Place the accessory against the wall panel and trace the outline of the back of the accessory unit against the wall panel.
3. Use the drill and hole saw to drill a hole inside the outline for the accessory item, to be used as starting point for the jig saw to cut the opening. Use a jig saw with a fine to medium tooth blade to cut the opening for the accessory.
4. Dry fit the accessory to ensure a proper fit. The shelf accessory should fit tightly within the opening. If the accessory does not fit, repeat step 4 until the proper fit is achieved.
5. Clean the mounting area of the panels and shelf accessory with denatured alcohol.
6. Apply silicone to the sides of the accessory that will be in contact with the shower panels.
7. Press the accessory into the opening, making sure that it is flush against the wall panel. Clean any excess silicone from the wall panel or shelf accessory before the silicone dries.
8. Once the accessory is securely in place, apply silicone to all edges of the accessory that contact the wall panel. Let silicone cure for 24 hours in dry environment before resting objects on the shelf accessory.

## Pan Installation

Please read the instructions carefully prior to installing the pan. These are the basic instructions for the installation of a shower pan in a step-by-step sequence that will work in most types of installations. If you have an installation that is not covered here, please call your Avonite Technical Services for additional information.

**Warning**—Please inspect the shower pan for breakage and report any damage to your Avonite representative. Allow the shower pan to acclimate to room temperature before installing.

## Tools and Supplies Needed for Installation

- Level
- Silicone/Plumber's Putty
- Thin-Set Mortar & Water
- Shims
- Wrench
- 1/4" -1/2" Grooved Trowel
- Drain Fitting
- 5-gallon empty bucket
- Tool for mixing Thin-Set Mortar

## Preparing the Installation Site

- Open shower pan and inspect the product for any damage.
- Clean and scrape the floor of the shower pan alcove.

This space must be free of any debris in order to get a proper adhesion with the thin-set mortar.

- Measure the size of the alcove to insure that the pan and panels fit properly.
- Trial fit the pan in the alcove and make sure that the drain location lines up properly with the shower pan.

In a three wall application, the pan should slide in easily with approximately  $\frac{1}{16}$ " -  $\frac{1}{8}$ " spacing between the studs and the pan. Placing a level on the pan, check that the pan sits level on the floor. If needed, use shims to level the pan in the alcove. Note the shim locations before removing the pan. Lean the pan back or remove from the alcove.

## Installing the Pan

- Install the drain fitting into the shower pan. Follow the installation instructions that came with the drain. Plumber's putty or silicone are acceptable to use with the drain.
- Mix and apply thin-set mortar to the floor, using the notched trowel. Spread the mixture to achieve a depth necessary to fill the voids in the floor and enable the pan to sit level. A 50 lb. bag of thin-set should provide at least 45-50 square feet of coverage. All supporting points should have contact with the thin-set mortar.
- After applying the thin-set, replace the shims (if necessary) in the proper location and set the pan into place. Make sure the pan is resting level on the thin-set and shims and centered in opening.
- Clean the area at the threshold of any excess thin-set. Allow the thin-set and shower pan to cure for 24 hours before working in the pan area. Be sure to protect the pan floor after installation, using card board sheeting or a like material, until the complete project is finished.
- Before proceeding to install the wall system, flood test the shower pan for proper drainage.

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|--|--|--|--|
| <p><b>VB-1815</b></p> <p>OD 18-1/8" X 14-3/4"<br/>ID 16-1/2" X 13-1/4" X 5-7/8" deep<br/>VB1815W White<br/>VB1815I Ivory<br/>VB1815C Crème</p>     | <p><b>VB-2016</b></p> <p>OD 19-7/8" X 16-1/8"<br/>ID 18-1/4" X 14-1/2" X 6-1/4" deep<br/>VB2016W White<br/>VB2016I Ivory<br/>VB2016C Crème</p> | <p><b>KB-1408</b></p> <p>OD 8" X 14-3/8"<br/>ID 6-3/8" X 12-3/4" X 5-3/8" deep<br/>KB1408W White<br/>KB1408I Ivory<br/>KB1408C Crème</p>   |  |
| <p><b>KB-3320</b></p> <p>OD 33-1/2" X 20-1/4"<br/>ID 18-15/16" X 18-1/2" X 9-15/16" deep<br/>KB3320W White<br/>KB3320I Ivory<br/>KB3320C Crème</p> | <p><b>KB-3319</b></p> <p>OD 33-1/2" X 18-5/8"<br/>ID 15-3/4" X 16-5/8" X 8-1/2" deep<br/>KB3319W White<br/>KB3319I Ivory<br/>KB3319C Crème</p> | <p><b>KB-1916</b></p> <p>OD 16-3/8" X 19-3/8"<br/>ID 14-3/4" X 17-3/4" X 9" deep<br/>KB1916W White<br/>KB1916I Ivory<br/>KB1916C Crème</p> | <p><b>KB-1414</b></p> <p>OD 14-3/8" X 14-3/8"<br/>ID 12-3/4" X 12-3/4" X 6-5/8" deep<br/>KB1414W White<br/>KB1414I Ivory<br/>KB1414C Crème</p> |
| <p><b>KITCHEN SINK DESIGN OPTIONS</b></p>  |  |  |  |
| <p><b>48" CABINET</b></p> <p>KB-1916 KB-1408 KB-1916</p>   | <p><b>42" CABINET</b></p> <p>KB-1916 KB-1916</p>   | <p><b>36" CABINET</b></p> <p>KB-1916 KB-1916</p>   | <p><b>33" CABINET</b></p> <p>KB-1414 KB-1916</p>   |

## GENERAL SINK FUSED MOUNTING INSTRUCTIONS

## Positioning and Preparation

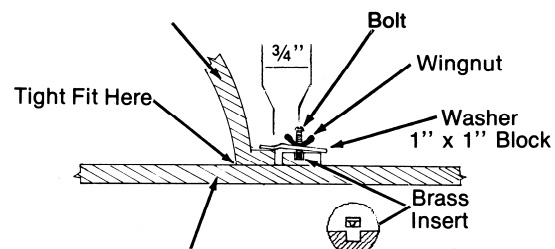
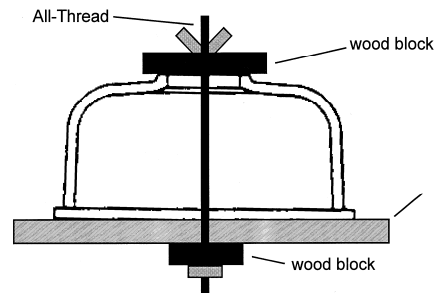
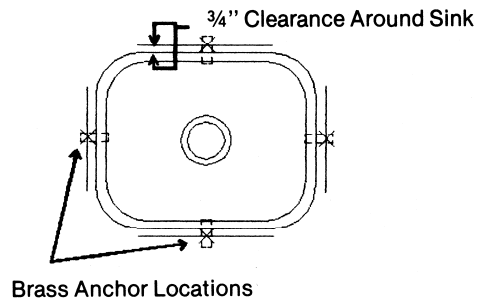
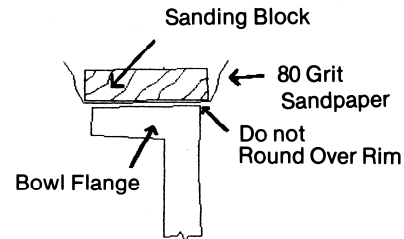
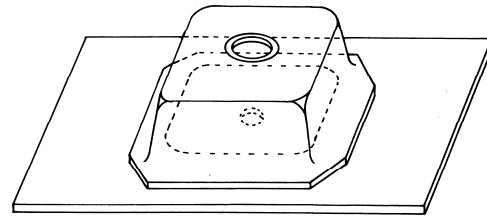
Sinks are recommended for bonding to 1/2" (12.7 mm) Avonite Surfaces sheet thickness. Turn the sheet back-side up on a well supported surface. Position the bowl on the sheet (Figure 1). Do not nick or scuff the rim of the bowl. With a nail or screwdriver, etc., scratch a line on the sheet around the perimeter of the bowl. Drill a 1-1/4" (31.4mm) pilot hole, with a hole saw, in the sheet in line with the drain of the bowl (Figure 1). With a flat sanding block and #80 grit sandpaper, sand the underside of the sheet where the bowl is to be bonded. This removes factory sanding lines or scuff marks. With a flat sanding block, scuff sand with #80 grit sandpaper the top flange of the bowl. Do not round over or nick the rim (Figure 2). Mark the location of 4 locating blocks as shown in Figure 3. These blocks can be scrap pieces of material 1" x 1-1/2" x 1/2" (25mm x 38mm x 12.7mm) thick. Fasten the blocks to the back of the sheet using Loctite 495, or equivalent. This will keep the sink from sliding during bonding.

## Bonding

Remove the bowl and clean the bonding area and the bowl with isopropyl alcohol and let it dry. Apply the Ultra-Bond G to the sheet fully coating the flange area. Always use adhesive to match the bowl or sink. Use all-thread, two blocks of plywood and a wing nut to clamp the bowl to the sheet as in Figure 4. Tighten the clamp until the adhesive flashes out evenly and allow the adhesive to harden. Schock Sink colors available are White, Crème, and Ivory. **Use the following Ultra-Bond G colors: White = Polar, Crème = Biscuit, Ivory = Biscuit**

## Mounting Brackets

Mounting brackets may be used to under mount sinks other than Avonite Surfaces'. Drill a 1/4" (6mm) diameter hole by 1/2" (12.7mm) deep, 3/4" (19mm) from the sink into the locating blocks as shown in Figure 5. Remove any dust and tap in the brass anchors slotted end first. Set with Loctite. Mount hardware by first threading the wing nut well up on the screw near the head. With washer and slotted clip in place, tighten screw securely to lock the brass anchor (Figure 5). Bond the bowl to the sheet using silicone if it is a non-solid surface bowl. Swing clips on to the bowl lip and evenly tighten the wing nuts until the bracket begins to deflect. Recheck to be sure the bowl is in the proper position. Allow the compound to harden. After adhesive cures, do not remove under mount brackets.



## Shaping The Edge

Turn the top over and use the specially designed bowl router bits to shape either a flush or bull nose bowl edge trim. Cut the sheet material from the center of the bowl area with the special straight router bit with an oversized nylon bearing. Start from the pilot hole and rout clockwise around the bowl. Hold the cutout steady as it separates from the top to avoid damage to the edge (Figure 6). A bull nose trim on the edge (Figure 8 and 10) of the sheet creates a shadow which can help hide seams. The cutter slightly shaves the bowl edge and removes all the seam compound. A round over bit on the edge (Figure 7 and 9) of the sheet will produce a smooth edge. The cutter slightly shaves the bowl edge and removes all the adhesive. Different sheet thickness and cutter heights can produce various edge profiles.

NOTE: The bowl bits shown have a 2 1/2" (64mm) cutting diameter. Router base adjustments may be needed.

For additional information contact Avonite Surfaces Technical Services 1-800-866-TECH.

NOTE: WHEN POURING BOILING WATER INTO THE SINK OR USING AN INSTANT HOT WATER DISPENSER, COLD WATER SHOULD BE RUNNING INTO THE SINK SIMULTANEOUSLY. THIS WILL ELIMINATE ANY POTENTIAL THERMAL SHOCK CRACK. THE USE OF A GARBAGE DISPOSAL LARGER THAN 3/4 HP IS NOT COVERED UNDER AVONITE SURFACES' WARRANTY .

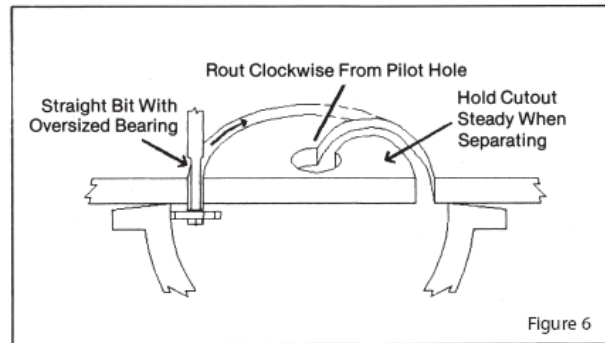


Figure 6

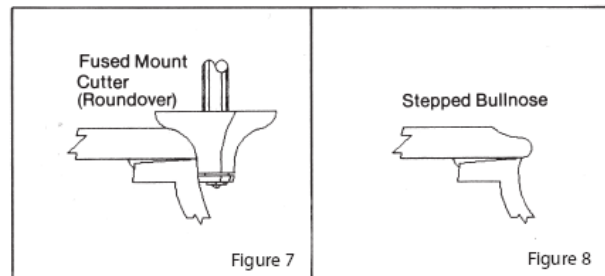


Figure 7

Figure 8

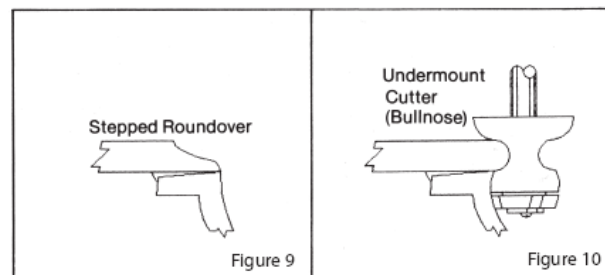


Figure 9

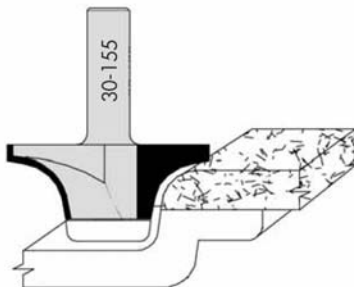
Figure 10

The bowl bit in Figure 10 is from Velepec

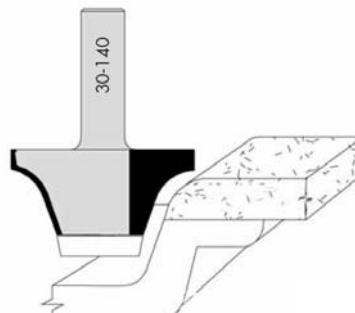
# SUBN-8-12 4VT

Velepec . 1-800-365-6636

Kitchen Sink Rounding Over Bit—Velepec 30-155  
CRST10-8-8VTR 1/2" Radius for 1/2" thick top



Vanity Sink Rounding Over Bit—Velepec 30-140  
CRST20-8-8VT 1/2" Radius for 1/2" thick top



## Color Matching Sheet to Bowl

Avonite Surfaces makes every effort to achieve a visual color match between Avonite Surfaces Foundations sheet products and bowls. However, we do not guarantee a color match between sheet and bowl of the same name. When you are given an order to supply a fused under mount sink in which the sink and the deck are the same color, there is a distinct possibility that there will be a visual color mismatch between the edge of the deck and the wall of the sink. The likely color mismatch problem is complicated by the fact that you cannot tell how closely the sink and sheet match until the two are joined and the edge of the deck is routed flush with the sink. We do have a method of mounting a bowl in the same color which will mask the color mismatch (See illustration right) Using bit shown, sanding the seam area between the bowl and the sheet and putting the seam on the bottom side of the bull nose should hide most color match problems. If you have any questions regarding this procedure, please contact the Technical Service Department at 1-800-866-8324.

**NOTE: AVONITE SURFACES DOES NOT WARRANTY COLOR MATCH BETWEEN SAME COLOR AVONITE SURFACES FOUNDATIONS SHEET AND BOWL.**

BULL NOSE BIT  
TO CUT AVONITE SURFACES UNDERMOUNT  
LAVATORY BOWLS & KITCHEN SINKS  
with VEL-VET TOUCH™ Bearing Guide Assembly  
1/2" (12.7mm) Shank Diameter - 2 Flutes

