

Boutique Collection - SculptureStone™ Lavatory Sinks

MTI's SculptureStone™ sink bowls are designed to accommodate nearly any properly sized lavatory drain kit. Because of variations in lavatory drain design styles, the following drain installation information is provided:

Contact area from drain to sink requires careful installation to seal properly. Use a proper water sealant product, such as silicone, in lieu of plumber's putty, under the waste flange at the contact area. Insufficient sealant on installation may result in over tightening in an attempt to achieve a better seal at the contact area. Over tightening will create excessive stress at the contact point which can result in compression cracks over time.

Compression cracks are not considered a defect of material and will void the product's warranty.

Drain Installation Recommendations:

1. Use sealant (Silicone) generously near and at the contact area and hand tighten to snug plug one half turn. **Do not overtighten and do not exceed 7ft-lb maximum. Product damage will occur.**
2. Allow time for sealant to cure before water testing.

Installation instructions for semi-recessed countertop sinks

1. Place sink in desired location and mark drain opening on countertop.
2. Mark a 4-6" cutout for drain assembly. The cutout has to be just large enough so that the drain assembly can be tightened directly onto the sink. If faucet is to be mounted to sink, allow additional clearance for supply lines.
3. Check for correct drain location by temporarily placing sink on counter.
4. If faucetry will be installed on the sink, drill appropriate sized hole(s) for valve(s) using a standard hole saw.
5. Remove sink from counter and install the drain and faucet assemblies.
6. Apply a thin bead of clear silicone or matching tub and tile caulk to the bottom edge of the sink to secure to countertop.
7. Place the sink onto the desired location and allow silicone to cure.
8. Connect the supply lines and drain pipes; then test for leaks.

Installation instructions for semi-recessed lavatory sinks.

1. Place template(s) in desired location and mark line for cutout.
2. Cut countertop using appropriate tools for countertop material.
3. Set sink in place. Note: if sink does not fit properly, lift sink and rotate 180 degrees.
4. Install drain and faucet. Use of silicone in lieu of plumber's putty under the flange of the lavatory drain.
5. Test for plumbing leaks.
6. Apply a thin bead of clear silicone or matching tub and tile caulk to the edge of the sink where it meets the countertop. You may also apply around the underside of the vanity to ensure a water-tight seal. Let glue cure for 24 hours.

Installation instructions for undermount sinks.

MTI does not provide templates for undermounting. Please have the product on site for the solid surface fabricator.

Must use construction adhesive compatible with our stone product and mating substrate, such as polyurethane adhesive, Sika 221, or equivalent, to adhere sink to counter. Adhesive must be appropriate strength for the weight of the product being installed. Weight of product may be found on the product specification sheet at www.mtibaths.com. Do not use clear kitchen & bath silicone to adhere sink to counter.

1. Dry fit the top of the sink to the underside of the counter and mark the counter around the sink's mounting flange.
2. Use isopropyl alcohol and a soft, lint-free cloth to clean the sink's mounting flange and the underside of the counter before applying adhesive to the mounting flange.
3. Glue bowl to marked area on the underside of the counter.
4. Secure mounting clips a maximum distance of 2" from each corner on each side of the sink bowl, and then install additional clips a 6-8" apart from each corner clip for ample and evenly distributed support around the entire bowl. MTI does not provide undermount clips, however, the mounting flange will accommodate most commonly used clips.
5. For extra large bowls, straps may be used along the length of the bowl. Be sure to secure the strap(s) on each end as close to the bowl's mounting flange as possible, allowing the strap to ratchet up to tighten as the strap is secured. Excess slack in the strap could result in improper support.
6. After adhesive has cured, complete routing and sanding where the counter top meets the sink, inside the bowl.
7. Seal the top seam with color matched caulk or clear silicone.
8. Test for plumbing leaks.



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Installation - Lavatory Sinks & Counter-Sinks

IMPORTANT! Read all instructions carefully before beginning installation or drilling of sink.

Installation instructions for wall-mounted Counter-Sinks.

1. Attach carrier arms to wall studs using the hardware supplied. MTI recommends using all the supplied bolts for maximum strength.
2. MTI Baths recommends using an industrial strength tape (3M VHB works well) or a liquid nails type adhesive to attach the countertop to carrier arms. Please check local codes for any mounting requirements.
3. Clean all surfaces with denatured alcohol.
4. If using the tape method, apply tape to carrier arm, peel back a 1" section of the tape, and pull it off toward the side before placing the sink on the carrier arms. It is extremely important that the sink is properly aligned at this point because the tape forms an immediate and permanent bond. Pull the 1" piece of tape back off to expose the rest of the tape's sticky surface. Press down on the countertop to ensure the countertop and tape have good contact.
5. If using adhesive, apply a bead of adhesive to each carrier arm. Align the counter-sink in the correct position, and press firmly to ensure good contact.
6. Install drain and faucet. We recommend the use of silicone in lieu of plumber's putty under the flange of the lavatory drain.
7. Test for plumbing leaks.

Installation instructions for semi-recessed Continuum sink

1. Locate the two templates provided. Template #1 is the inner cutout. Template #2 is the outer cutout for the sink. Mark both cutouts on the slab prior to cutting.
2. Using an angle grinder with granite cutting contour blade, cutout the inner most elliptical piece of countertop. This piece will be re-used as the insert in the finished sink. Make the cutout slightly larger to compensate for grinding and polishing.
3. Carefully remove the innermost remnant and store in a safe location. Further instructions regarding this piece are continued on line #8.
4. Widen the cutout in the slab to fit the outermost #2 template dimensions.
5. Insert the sink through cutout and check for proper fit. If sink does not fit properly, lift sink and rotate 180 degrees. Complete installation using a bead of clear silicone.
6. Take innermost remnant and drill (2) 1-1/4" diameter, half moon finger pulls, centered on the left and right edges. Please see template.
7. Mark the center point of the insert. From the center, grind a gradual slope towards the edge of the insert, which will facilitate the drainage of the water on the insert. Make sure to keep the center point the highest point.
8. Finish top face and all edges of inner remnant to the template markings. It is ideal to have a 1/8" gap between the sink and the insert to allow for drainage. Each Sink is hand crafted and some adjustments to outer edge of inner remnant may be necessary to achieve uniform 1/8" gap.
9. Locate and mark adjustable leg base plate locations on underside of inner remnant. Avoid placing any legs over the drain location. Legs adjust from 2-1/8 to 3-1/8" in height.
10. Install adjustable legs in a triangular pattern to bottom of inner remnant using two part epoxy. Legs adjust to accept material 1/2" to 1-1/2" thick.
11. Measure distance from bottom inside of sink to top of outer countertop.
12. Adjust legs to replicate the height measured on line #10.
13. Insert finished remnant to align with outer countertop height. If insert does not hit properly, lift insert and rotate 180 degrees.

Installation Instructions for Incline Sink

The Incline sink uses a unique slot drain that does not have any exposed drain components on top. The incline sink is available as an undermount sink or as an MTI counter-sink. The incline sink is not for top mount, or self rimming applications. This feature requires a special drain trough assembly ** below to catch water and needs to be installed per the following instructions.

Undermount installation:

- 1) Turn sink over to clean flat area of sink where trough will attach. Concentrate on outer edges as this is where the silicone will be adhering. Use Ethyl Propyl alcohol to clean surfaces of both the sink, and the drain trough.



- 2) Install drain assembly onto trough so it looks like this:



**This drain assembly does not have grates by design so objects can move easily to P-trap and no clogging at drain will occur.

- 3) Once the drain and trough are assembled and the surfaces cleaned, put a thick bead of clear silicone adhesive on the trough lip (shown above in picture) all the way around the entire perimeter.
- 4) Place trough onto sink bottom (flat area) making sure that the trough completely covers the slot opening in the sink. Allow time for Silicone adhesive to cure completely. Please refer to silicone cure instructions. Please note: You **MUST** use silicone **adhesive**, **NOT** clear kitchen & bath silicone.
- 5) Water test for leaks, and if found, repeat the mounting procedure. Once sink is leak free, it is now ready for under mount installation.

Incline Countersink Installation:

- 1) Install countersink onto vanity. Follow instructions above for attaching the drain trough assembly to the sink.
- 2) Sink is now ready for P-trap attachment

Care & Cleaning: Once installed, the area of the Drain Pan should be periodically flushed with hot water and bleach, usually 10:1 is sufficient (10 parts water, 1 part bleach). Let the bleach 'flush' sit for about 10 minutes, and then flush again with clean hot water. This will keep the Drain Pan area clean and free of mildew.

An alternative to bleach is to use straight hydrogen peroxide (3% solution). Pour hydrogen peroxide into the Drain Pan, trying to get the solution into all areas of the Drain Pan. Allow to sit 10 minutes, and then flush with hot water.

Also, the slot area of the sink could get dirty. A small brush like a toothbrush works great to scrub this area to remove mildew. If a stain persists, folded up sandpaper can be used to remove the stain. This is not recommended for our gloss finish. 80 grit can be used for our matte finish.

Access: If access is needed within the trough area, disconnect the P-trap and cut the silicone with a knife and remove trough/drain assembly.



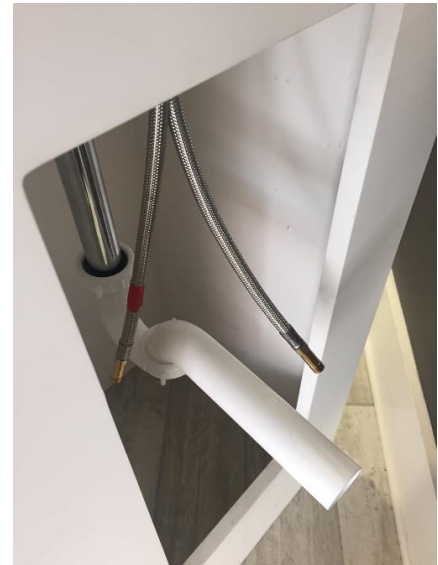
Prior to reassembling, scrape off the silicone remnants from the sink bottom and trough, clean with Ethyl Propyl Alcohol and reapply silicone adhesive. Place trough back onto bottom of sink and let cure. Once silicone cures, re-attach P-trap.

Installation Instructions for Petra/Halo Pedestal Sink

1) Install faucet and drain using access area in back of pedestal



2) Attach steel braided hose and P-trap on drain so they are ready for connections to wall. Cut p-trap tubing to correct size.



3) Set pedestal using included adjustable feet to make sure the pedestal sits on the floor level with as little a gap as possible to the floor. 2" min between the back of the pedestal and wall is required to access back area for trap and water supply connections.



4) Reach behind pedestal and connect water supplies to angle stops and P-trap compression nut. Turn angle stops fully open. Now turn faucet on and check for leaks at stops and drain/p-trap.



5) Make slight adjustments to the pedestal to get position correct. The pedestal can be pushed slightly toward the wall if a tighter look is desired. Make sure drain and faucet connections remain intact after adjustments.

6) Optionally, the bottom edge can be sealed to the floor with a sealant.

