

Stone Vessel Sink Installation



Required Supplies & Tools

A. One of these two type of Faucets



Threaded Faucet



Nut & Bolt Faucet

B. Under Counter Supply/Drain Lines & Shutoff Valves



Water Supply Lines + Shutoff Valves



Drain Line

Required Supplies & Tools

C. Euro-Style P-Trap + Required Tools



- Euro-Style P-Trap
- Crescent Wrench (9").
- Channel Lock Wrench (10").
- Pipe Cutter or Hack Saw.
- Screw Driver (7").
- Box Wrench (1/2").
- Plumbers sealant tape.
- GE 100% clear silicone caulking (small tube) and caulking gun if 11 oz tube is used.

Stone Vessel Sink Installation



STEP 1

- Drill holes for vessel sink & faucet.

NOTE: The hole diameters should be 1 5/8" hole for the sink and 1 1/4" hole for the faucet.



Caulking location for Stone Vessel Sink

STEP 2

- Applying caulking to bottom of vessel sink.



STEP 3

- Apply caulking to underside rim of pop-up so a tight seal will be formed between the pop-up and the Stone Vessel sink.

Stone Vessel Sink Installation



STEP 4

- Feed pop-up or grid drain through the sink hole & counter top.



STEP 5

The pop-up drain should extend at least 1" below the bottom of the counter top. If this does not happen, you might have to route out the bottom of the counter until it does.

- Screw on pop-up assembly nut until sink is secure. Make sure the washers and plumbing tape is used. Tighten the drain nut with a wrench or channel lock wrench - when resistance is felt, stop tightening or *sink breakage may occur*.



STEP 6

- Let caulking set 6-12 hours before filling bowl.
- Turn on hot water then cold water and again check for leaks. Let water run for 5 minutes. When no leaks are found (Great Job!) start using this beautiful and wonderful vessel sink.

Stone Vessel Sink Installation

Water Saver Fact

If you turn your shutoff valves to half open, the savings per year, per person is estimated at approximately 2000 gallons.

This number times 250 million people adds up to a savings of over 50 trillion gallons of potable water; and that my friends is a lot of water.

Roger Longwell
CEO



Green Leaf
KITCHEN & BATH PRODUCTS

Stone Vessel Sinks

Faucet and Sink Assembly for most Counter Top and Vanity Systems

1. Tools & Supplies

Crescent Wrench 6"
Channel Lock Wrench 8" (optional)
Pipe Cutter or Hack Saw (optional)
Screw Driver 7"
Box Wrench 1/2" (optional)
Plumbers sealant tape.
GE 100% clear silicone caulking (small tube) and caulking gun if 11 oz tube is used.

2. Sink

There are 3 types of bath Sinks

Vessel - Top mount (recommended for all vessel sinks).

Rim Mount Sinks – are sinks that fit into a sized hole allowing just the rim of the sink to show on the top. The rim holds and attaches the sink to the counter top when (this sink is used, fill the rim with GE 100% clear silicone caulking, fit the sink into hole and weight the sink down until the silicone sets, this takes approximately 24 hours).

Under Mount Sinks – are glued to the under side of a counter top (this procedure is for a professional installer only.)

The standard materials that sinks are constructed from.

Stone (Granite, marble, Onyx, Travertine, Sandstone & Limestone).

Glass (Needs to be tempered and at least 1/2" thick).

Metal (Copper, Brass Bronze, Stainless, etc.).

Ceramic (baked clay with a fired finish).

Porcelain (There are many different ways to manufacturer porcelain.) The standard is a ceramic slurry, poured into a mold then baked to a bisque surfaced solid, then enamel glazed is applied , and again baked to a water resistant hardness.

Note: Glass vessel sinks are the only sinks needing a connecting ring.

Stone sinks need to be siliconed onto the counter top above the top drain hole. Let the sink set at least 24 hours before assembly. This will a sure the silicone is set.

Metal vessel sinks need to be siliconed to the counter top above the drain hole.

Rim Mount or Under Mount sinks need professional installation.

Ceramic sinks should also be siliconed to the counter top 24 hours before assembly.

Porcelain needs to be 100% silicone attached for 24 hours before assembly.

3. Counter Top Preparation

Set sink on the counter top in the spot you want the sink to be mounted. Mark the center of the sink hole, on to the counter top (black marker is best)

Set your faucet next to the sink making sure it is in the proper location for easy use, mark the center of where the faucet is to be.

Set the sink and faucet aside and drill the holes. 1 5/8" hole for the sink and 1 1/4" for the faucet.

Counter top is to be no more than 1" in thickness (if thicker than 1" pop-up assembly may not be long enough)

4. Faucet Installation

Attach Water lines to faucet. Note: these supply lines have an O-Ring system. Do not over tighten, hand tighten to a snug pressure.

Attach mounting bolts to bottom of the faucet. Screw securing bolts into faucet approximately 1/2".

Stone Vessel Sinks

Faucet and Sink Assembly for most Counter Top and Vanity Systems

Set Faucet over faucet hole, feeding supply lines and bolts through hole. If there is an o-ring for the bottom of the faucet, be sure to secure it to the bottom of the faucet. You might have to feed just one faucet supply line then bring the second up from the bottom of the hole.

Have someone hold the faucet in the proper alignment to the sink, while the second person attaches the horse shoe mounting plate bracket through the attaching bolts. When the mounting plate is pushed against the bottom of the counter top, and the bolts are through the mounting plate bracket, screw the bolt nuts all the way until the faucet is secure and will not move. Use a crescent wrench or 1/2" box wrench to tighten nuts. Attach faucet water lines to shut off valves. Note if water supply lines that were supplied by faucet manufacturer do not reach, an extension supply line with a connecting nipple may be needed.

Turn water on check for leaks. **Note:** All, and I mean all, threads be them a water line, drain lines, or faucet, needs plumbers tape around the threads, Not only will this stop leaks but also will make taking them apart easier.

If no leaks in the faucet, attach the sink.

1. Sink Installation

STONE VESSEL SINKS

- Silicone stone vessel sink to counter top - clean up with denatured ethyl alcohol while caulking is wet. Once caulking has dried it is difficult to remove.
- Make Sure the sink sits directly above sink hole.
- Let sink set for 6-24 hours before completing installation.
- When Sink is firmly in place, caulk the pop-up flange and feed pop-up through sink hole.
- Make sure there is plenty of pop-up thread protruding through sink hole so pop-up attaching nut will tighten and enough thread for drain assembly can be attached.
- Finish attaching drain assembly to drain external piping.
- Note: the faucet should always be attached to counter top first. This way the drains are not in the way for attaching water supply lines.
- Check for Leaks and tightness

RA Longwell
CEO

WARNING

Do not install any Green Leaf products with out intensive inspection. Once installed there will be no recourse for free replacement. All Green Leaf products are pre-inspected by our quality control personal for flaws, chips, discoloration BEFORE being released to a customer. Contact a Green Leaf Customer Service Representative with in 30 days from the delivery date. After 30 days there is no replacement for any damaged material. However all claims either inside or outside the warranty date will be reviewed.

Green Leaf will not be responsible for breakage do to improper installation. BE SURE to read and Follow ALL Directions provided by Green Leaf. If for any reason you can not understand the information & directions provided in the carton, you should call Customer Service direct Monday – Friday between the hours of 9am – 6pm PST; and Saturday from 9am – 2pm. Also you can leave a message and a Customer Service Agent will get back to you. Call 888-509-4140 or 509-943-4140. Fax is 509-943-4160.

Rules to Help with a Happy and Finished Project

1. DO NOT OVER TIGHTEN ANY NUT LARGE OR SMALL.
2. WHEN INSTALLING STONE, PORCELAIN, OR METAL VESSEL SINKS, GLUE THE SINK TO THE TOP WITH GE 100% CLEAR SILICONE AND LET SET FOR 3-12 HOURS UNTIL SINK IS COMPLETELY FIRM ON THE COUNTERTOP.
3. WHEN INSTALLING GLASS SINKS BE SURE TO USE A CONNECTING RING THAT IS FROM GREEN LEAF KITCHEN AND BATH PRODUCTS.
4. GREEN LEAF DOES NOT RECOMMEND RECESSING ANY VESSEL SINK
5. DO NOT OVER TIGHTEN POP-UP OR ANY DRAIN ASSEMBLY. SINK SHOULD BE SETTING FIRM BUT NOT RIGID, BREAKAGE MAY OCCUR.
6. USE PLUMBERS TAPE ON ALL DRAIN PIPE THREADS.
7. ALL ACCESS HOLES FOR FAUCETS AND SINKS ARE 1-1/4" FOR FAUCETS AND 1 5/8" FOR SINKS.
8. SET FAUCETS FIRST AND CHECK FOR LEAKS. FOLLOW INSTALLATION ON THE PROPER FAUCET TO BE INSTALLED.
9. DO NOT OVER TIGHTEN WATER SUPPLY LINES!!! HAND TIGHTEN TO A FIRM PRESSURE.
10. FOR VANITIES THAT ARE WALL HUNG, BE SURE TO INTSAL BACKER BOARDS BETWEEN THE STUDS BEFORE SHEET ROCKING. 2" X 8" MINIMUM.
11. ALL BATH CABINETS SHOULD NOT BE OVER 30" IN HEIGHT FROM FLOOR TO TOP OF COUNTER TOP. THIS GIVES ROOM FOR THE VESSEL SINK TO NOT BE OVER 37" FROM THE FLOOR TO THE TOP OF THE SINK. UNDER MOUNT SINKS MAY HAVE A TALLER CABINET. 34" TO 36" FROM FLOOR TO TOP.

IMPORTANT

ALWAYS CHECK FOR LEAKS AND DAMAGE BEFORE THE FINISH OF THE PROJECT

THANK YOU - GREEN LEAF

Very Important

After connecting the O-ring water lines to a firm position, make sure you hold on to the water supply line so it can not turn when hooking up to the shut off valve.

So often when plumbers are wrenching the water supply line nut to the shut off valve, they are inadvertently loosening the O-ring end where they are attached to the faucet.

One needs to hold the water line with one hand while tightening the nut to the shut off valve with the other hand.

Thank You,
Installation Staff

Faucets

Note: All Green Leaf faucets are either a nipple thread nut system or a nut & bolt system. The faucet type and shape will change but the installation of one or the other faucet attachment will stay the same. Check to see which one you have.

Procedure for installation

1. Faucet hole size is 1 1/4 inch
2. Attach water supply lines, if not already attached (hand tighten to snug)
3. Feed lines attached to faucet through faucet hole
4. Attach connecting ring & bolts
5. Connect water lines to shut-off valve. Supply lines may need extenders.
6. Check for leaks

THANK YOU - GREEN LEAF

Care and Maintenance for Stone Vessel Sinks

O.K. Now that you are living in the wonderful world of Stone Vessel Sinks, here are few tips to keep your sinks as new and beautiful as the day it was installed.

The very first thing one needs to do is identify the type of stone the sink is made of. Different stone types need different care.

So lets categorize the different stones and work on the do's and dont's

- | | |
|---------------|---------------|
| 1. Granite | 5. Sandstone |
| 2. Marble | 6. Soap Stone |
| 3. Onyx | 7. Concrete |
| 4. Travertine | |

1. Granite Sinks

There are over 40 different types of granite sinks, ranging from very hard stone to very soft stone. The porosity depends on the closeness of the stone grain. Stone like Absolute Black, have a very close grain. Stone like Sunny Gold or Milano Blace has a fairly open grain. One needs to protect both with a good sealer. The ones with the more open grain it is recommended that you apply a sealer once a month. Where as with a close grain it recommended that you apply a sealer only once a year.

Wipe down your stone sink after use or at least once a day. We carry daily cleaners for that purpose. If the sink sets on a granite top, you will need to seal both the sink and the counter top at the same time.

2. Marble Sinks

There are also over 40 different marbles available, however they are all about the same in porosity. I would compare them with having a open grain. Marble needs a sealer at least once a month. If using in a commercial application, it is required that you apply a sealer once a week to insure it's continued beauty. Wipe down after each use or at the end of the day. Dry the sink after cleaning. World of Sinks carries daily cleaners for this purpose.

3. Onyx Sinks need the same care as Marble.

4. Travertine sinks

Travertine stone is more porous than marble. Extreme care is needed for this product. There are more Don'ts than do's with Travertine, so we recommend that you get a full maintenance and care program from a World of Sinks customer service person.

5. Sandstone sinks

What I can say about this beautiful stone sink, except seal, seal, seal. This stone is the most porous stone sink out there. Again the don'ts out number the do's many time over. However if one keeps the maintenance program on going this could be one of the most eye catching vessel sinks on the market. Be sure to get all the advice from World of Sinks on the care and maintenance on this stone sink.

6. Soapstone sinks

Treat this the same as your Sandstone sink, except one can use clear car wax as a protectant. Wipe completely down after use is very important.

**Care and Maintenance
for
Stone Vessel Sinks Continued**

7. Concrete

Concrete sinks are also very porous. A stone sealer made especially for concrete is to be used on the daily maintenance of this product. Wax can also be used as sealer. I use car type clear wax. Wiping down after every use is very important.

Now for the Don'ts

1. Keep any salt or sodium products away from contact with all stone products. There is no exception to this rule.
2. Do not use any chemical cleaners unless World of Sinks has O.K.'d them for use.
3. Keep liquids that have a color away from contact with the sink. Only very close grain stone can keep from staining, Black Absolute is the best. Marbles will stain easier. Onyx will be a close second to marble for staining. Travertine, sandstone, soapstone all need to be protected at all times from liquids that have a chemical agent additive, whether that be bath products or kitchen products. Again call World of Sinks for other information on maintenance and care.
4. No abrasive like steel wool, Ajax, or Brillo pads, or pumice fillers in soaps. Wipe down with a dry soft cloth.
5. Now with all that said, Stone Vessel Sinks are still the most extraordinary sinks on the market today. I found they create a look that can not be duplicated.
6. Use only cleaners that are sold directly for stone products.
7. Plain soap and water is the best cleaner for daily use.
8. World of Sinks displays and sells cleaning and maintenance products on their website or at each showroom.

World of Sinks has installed thousands of stone sinks that are in use today. I have yet to find a customer that was not happy to decorate with a vessel sink.

Roger Longwell
CEO
Green Leaf

Green Leaf Stone Floor Cleaner

Use our Stone & Tile Floor Cleaner weekly instead of everyday household floor cleaners, which can damage natural stone. Granite Gold Stone & Tile Cleaner is specifically designed to clean and condition natural stone floors without the damaging effects of ordinary floor cleaners. It quickly and safely removes all types of soils in high-traffic areas such as hallways, kitchens and bathrooms.

- Concentrated formula provides excellent value
- Emulsifies dirt and oils
- Neutral PH balance
- Resists mop marks
- Maintains shine
- No rinsing required



\$14.95

Directions

1. This is a daily cleaner and should be used as needed.
2. Follow directions on bottle applicator.
3. Be sure to use a penetrating sealer before general use of your stone floor.



Green Leaf Stone Spot Wipes

Our convenient, disposable, pre-moistened Wipes quickly and safely clean granite, marble and other natural stone surfaces, and quartz surfaces such as Silestone. Use daily instead of everyday household cleaners, which can damage natural stone and cause expensive repairs or replacement.

- Streak-free formula
- Fresh citrus scent
- Safe and recommended for everyday use
- Biodegradable and safe for food preparation surfaces



\$12.95

Directions

1. This is for small food spills or water spots.
2. Great for after party maintenance.
3. Use wipe only once.



Green Leaf Stone Daily Cleaner

This unique, streak-free formula safely deep-cleans granite, marble and other natural stone surfaces, and quartz surfaces such as Silestone. Our Daily Cleaner leaves a fresh citrus scent, and should be used regularly in place of everyday household products/polishes, which can damage natural stone.

Granite Gold is safe for all food-preparation surfaces and is non-toxic. It is biodegradable and helps maintain the beauty and shine of your natural stone surfaces.

- Streak-free formula
- Fresh citrus scent
- Safe and recommended for everyday use
- Biodegradable and safe for food preparation surfaces
- Quickly removes all types of spills and soils



\$12.95

Directions

1. This is a daily cleaner and should be used as needed.
2. Follow directions on bottle applicator.
3. Be sure to use a penetrating sealer before general use of your stone floor.



Green Leaf Stone Care Sealer

Granite Gold Sealer quickly and easily preserves and protects all natural stone. Our sealer penetrates stone surfaces to provide superior, long-lasting resistance to staining, and prevents soil build-up and other damage. Use every 12-18 months.

- Unique, water-based formula
- No strong or harmful odors
- Prevents staining and etching
- Easy to apply



\$24.95

Directions

1. Always seal your stone tops and sinks before general use is started.
2. Closely follow sealer directions listed on bottle applicator.
3. Seal stone once a month for very porous stones like Limestone, Travertine or Sandstone. Once every six months for Marbles and porous grain granites like Giallo or Vincenza; and once a year for close grain granites like Absolute Black.
4. Do not over spray. Less is good.



Green Leaf Stone Care Polish

Granite Gold Polish quickly and easily adds shine and luster to granite, marble and other natural stone surfaces, and quartz surfaces such as Silestone. Use it weekly to bring out stone's natural beauty and provide ongoing protection against water spots. Our polish is also formulated to treat Corian, Cambria and other solid surfaces. We recommend you use our polish weekly and in conjunction with our Daily Cleaner, instead of everyday household products/polishes, which can damage natural stone.

- Enhances shine and luster on dull countertops
- Reinforces sealer
- Helps natural stone resist hard water marks and fingerprints
- Streak-free formula leaves no residue
- Biodegradable and safe for food-preparation surfaces



\$14.95

Directions

1. Polish as you think is needed.
2. Follow directions on spray applicator.
3. Do not overspray. Less is good.

