Congratulations on the purchase of your new shower system. This guide will give you the instructions on the installation of your new shower.

Natural Travertine Stone Appearance

All of our stone products are custom made and hand-crafted to look and feel like authentic travertine. As you may know, travertine is a form of limestone that has been under pressure for thousands of years. The product of long-ago hot and cold springs and waterfalls, travertine is a beautifully banded and colored stone with a unique character. Among its most appealing characteristics are the interesting craters and depressions, created by streams of water that flowed through the stone. We have taken great care in reproducing the appearance of genuine travertine stone, giving you a beautiful and authentic shower.

Installation time may vary depending on your experience, complexity of shower, and “Pre Installation Preparation Work” which may include: plumbing relocation, drain location and bathroom demolition.

Prior to demolition, scheduling a contractor or building your shower, double check that you have all the parts from the factory. Some applications may require a licensed plumber or contractor. Do not use any product spec sheets to begin installation before receiving product. These spec sheets are for reference only. Use actual product measurements only.

The diagrams throughout this guide illustrate a 36” x 36” shower. Depending on the size of the shower purchased, actual parts may vary in size from the diagrams shown.

Our goal is to help you achieve a quick and successful shower installation.

See the clock in each section for estimated installation time.

Missing or damaged hardware and tiles should be reported within 24 hours of receiving this shipment - If you need assistance call 1.800.454.2284, 7:15am - 4:00pm, Monday thru Friday (PST)
CHECK YOUR SHIPMENT AGAINST APPROPRIATE PACKING LIST

Make sure you have received all the items necessary for the installation. This will also familiarize you with all the parts and hardware you will need to install your shower. Package contents are dependent upon which package you ordered.

SISTINE STONE PAN
- **P** Metal Leak-Free Reinforced Pan
- **TD** Threshold for Door (1)
- **TP** Left & Right Channel Thresholds (2)

SISTINE STONE WALL PANELS
- **WT1** Left Wall Panels (2)
- **WT2** Right Wall Panels (2)
- **L1** Left Solid Stone or Mosaic Liner
- **L2** Right Solid Stone or Mosaic Liner
- **CP** Panel Channel Side Thresholds (6) & Caps (2)

HINGED GLASS DOOR
- **GD** Glass Door (Reversible)
- **GP** Fixed Glass Panels (2)
- **DH** Door Handle
- **GH** Heavy Duty Hinges (2) (Installed on Door)
- **DP** Door Sweep
- **DS** Door Seals (3)
- **DA** Drain Assembly (may be sold separately)
- **GR** Header (2-3 pcs)
PRE-INSTALLATION TEAR DOWN

This shower system is designed to be installed on a bare floor. It is necessary for any existing shower to be completely removed. Tear out and remove all old material to expose the 2 x 4 wall studs. Clean up the shower area, removing all dust and old material from the area.

DRY-FITTING THE PAN

It is easier to check alignment of studs and pan without the drain installed into the pan. Place the pan in the planned position. Check to see that the spacing between the metal pan flange and 2 x 4 studs are flush. Some shimming or sanding of the 2 x 4 studs may be required to flush the studs with the metal pan flange. When screwing in the 1/2” cement board the metal flange will pull fast to the studs, and will secure the metal pan in place. (Diagram 1)

Diagram 1:
- 1/2” cement board
- Metal flange
- Silicone bead
- Pan
- 2 x 4 stud
- Floor of pan

Diagram 2:
- Studs may need slight trimming to allow pan to set flush.
- Minimum gap required for the shampoo shelf
- 3/4” overhang
- 3/4” overhang when using triple studs, no overhang when using double studs (double studs required, triple studs recommended for extra strength).
4 2 x 4 STUDS ALIGNMENT & POSITIONING

TIME REQUIRED
½ to 1 HR

Using the pan P and WT and WB wall panels, you will be able to check to make sure your 2 x 4 studs are in the needed position and supported adequately. You will see in (diagram 2) extra 2 x 4 studs are added to the door and glass side thresholds for extra strength. You may need to make adjustments for your faucet or optional shampoo shelf. When you place the bottom sections of the wall 1B or 2B into the shower pan, you can also calculate the needed width and height of areas to keep free of 2 x 4 studs. (See installation instructions included with the faucet or shampoo shelf)

5 INSTALLING DRAIN (may be sold separately)

TIME REQUIRED
½ to 1 HR

1. Locate the drain assembly DA to install into the pan P.
2. Apply a generous bead of 100% RTV silicone around the shower pan drain hole and around the outside of the drain collar #5, insert the drain collar #5 into the drain hole.
3. Apply a generous bead of 100% RTV silicone around the drain collar #5 from the underside of the pan.
4. Install the rubber gasket #6 over the drain collar #5, to the underside of the pan, next install the slide ring #7.
5. Screw on the drain lock nut #8 and hand tighten. Turn drain lock nut #8 approximately 1/4 turn with the wrench to ensure a water-tight fit. Check for a good seal. DO NOT OVERTIGHTEN.
6. Wipe off excess 100% RTV silicone and allow to dry. Follow the manufacturer’s directions for application and drying time.
1. Now that the drain is installed into the pan dry fit the pan and drain for alignment, check to make sure the 2” drain pipe is in the center of the pan drain hole. (diagram 2) Use the drain collar #5 by itself; remove the rubber seal, nut and gaskets from the drain assembly. (diagram 3, previous page) Push the drain collar #5 into the drain hole between the pan and the 2” pipe. With the drain collar pushed flush to the pan surface, the 2” drain pipe should not extend past the inside threads of the drain collar #5.

2. Make sure the pan and drain fit level to the floor (the pan can be secured to the floor by nailing the pan flange to the studs, this can only be done after step 3 is completed)

3. Remove pan and apply 100% RTV Silicone to the floor (diagram 4)

4. Carefully lift the shower pan and set into place. Make sure the ABS pipe is still centered.

5. Push and secure the rubber seal #4 onto the 2” ABS pipe.

6. Thread on the brass pressure ring #3 around the drain pipe with the provided tool #2. Remove the tool after the brass pressure ring is installed.

7. Test and snap the decorative diamond trim plate #1 into position. (Remove the decorative trim plate and store in secure area until installation is complete, drain will be grouted when shower is grouted).

8. After installing pan, cover with cardboard or drop cloth to protect pan from scuffs.

Use 1/2” thick cement board as your shower backer. Using this backer will comply with almost all city codes. A cement-based product like Wonderboard or Hardibacker may also be used if it meets your local codes. Some codes require a vapor barrier to be installed as well. We recommend a water/vapor barrier of 6 mil. plastic be installed before installing the cement board. To do this, staple plastic so that it hangs 1” above the floor. Roofing nails may be used to attach the cement board instead of screws, this prevents the plastic from wrapping around the screws.

1. IMPORTANT: Use your cement board as an indicator of squareness. The cement board comes in square sheets. If you see gaps or areas where the cement board is not fitting flush, fix the problem by removing the cement board and shimming the board until it’s square and flush. If the seams of the cement board are not flush and square, your wall panels will not be square and flush.

2. Cut a notch in cement board to fit around threshold. Sanding or shimming the 2 x 4’s at the top rim of the pan may be required to flush the cement board. (diagram 5)

3. Place a bead of 100% RTV silicone on the front INSIDE face of the shower pan flange. The bead should be in a zig-zag pattern.

4. Place the cement board against the studs and rest it inside the shower pan against the back flange. Attach the cement board to the studs with screws or nails. Do not screw or nail into the shower pan flange.

5. Continue installing the remaining cement boards.

✔ For best cutting results for wall panels and cement board, use a Makita grinder with a 4” tile blade.
### A - Pan Threshold

1. Locate the door threshold (TD) and the panel channel rails (TP) (diagram 6) (diagram 7)
2. Dry fit (TD) (TP) onto the front of the metal pan (P) (diagram 8)
3. Remove and place 100% RTV silicone on bottom of rails and in bottom channels, re-install.

### B - Wall Threshold Trim

1. Locate (CP) side thresholds & top trim. (diagram 8)
2. To help with the side threshold installation, use a level and draw a plumb line from the inside of the pan threshold up to the top of the shower. Do this on both sides. This line will be where the side rails and the wall tiles meet, this will give you a visual reference point when dry-fitting your wall tiles.
3. Apply 100% RTV silicone, using a circle pattern, to the cement board along the plumb line, approximately 4 inches wide, to the edge of the shower pan. (diagram 10)
4. Place the first side threshold into position, making sure to align the side rail with the vertical plumb line previously drawn on the cement board. Apply pressure to the side threshold to bond it to the cement board. The side threshold will be flush with the inside of the shower pan threshold and have a small gap where the pan threshold slopes. (diagram 11)
5. Place the remaining side thresholds into position, 3 to each side & Cap. Make sure to use a level and the plumb line previously drawn on the cement board to align the side thresholds vertically.
A - Inspecting Wall Panels/liners

Inspecting panels at this point will give you confidence that the wall panels are straight and square from the factory. When installing wall panels, you may need to make adjustments to the panels to accommodate for unevenness of your existing walls. During the inspection process and/or dry-fitting process, if you have any concerns about the alignment or fit of the wall panels, please call 1-800-454-2284 for customer service, and we will gladly assist you with your installation.

1. Find a large empty area to layout and inspect all panels.
2. Align all panels and liners to check for straightness. Make sure grout lines are straight and square to each other.
3. Sistine Stone wall panels are made to be flexible. (Warning - Store on a flat area.) If wall panels have been stored improperly or seemingly have become extensively bowed, they can be easily flattened before installation (See trouble shooting section on last page for details).

B - Test Alignment by Dry-fitting Wall Panels/liners

1. Place the first bottom panel (WB2) into position. (Diagram 12). Rest WB panel on the pan floor; use spacers between the floor and the panel to make the top of the panel level.
2. Place the second bottom panel (WB1) into position, push the two panels together. Make sure the grout lines are aligned, use spacers to make the top of the panel level. Inspect the spacing between the wall panels and the side threshold plumb line.
3. Depending on your cement board alignment, some sanding of the wall panel edges may be required for a tight fit.
4. Place liners (L1 & L2) in position check for level and length (Diagram 13).
5. Holding the lower panels and liners in place with screws and blocks or another person, place the upper panels (WT1 & WT2) into position. Check the length and overlap alignment. Some fitting may be required.
6. Depending on your faucet selection, you may need to mark and cut out holes for your faucet to fit through before you can place (WB1 or WB2) panels into position. Remember “measure twice, cut once”, you can cut our walls with most cutting tools. (See installation video at www.americanbathfactory.com). Now you can check for level, grout line alignment and spacing between walls and plumb line.

C - Installing Panels

8. Remove all dust and dirt with a clean dry cloth. This will increase the bond to the 100% RTV silicone.
9. Start with the lower panel apply a generous amount of 100% RTV silicone to the cement board and to the back side of the wall panel. Also refer to the manufacturer’s recommendations for application and drying time.
10. Press the wall firmly into position. Be sure to use spacers between the bottom panel and the shower pan to ensure panel is level. (Diagram 14)
11. Install the remaining panels in the following same order as you dry-fitted the panels.
**OPTIONAL SHAMPOO SHELF INSTALLATION**

1. The Shampoo Shelf was designed to match your tile size. 
   (2) 12” x 24” tiles, the cut-out hole size is 10 x 22”.
2. There is a 1” lip or frame around the Shampoo Shelf, this will 
   be the water sealed area for the Shampoo Shelf.
3. The best way to cut the hole is with a small 5” round 
   diamond blade, and with a jigsaw to cut the corners. 
   *See detailed instructions enclosed with Shampoo Shelf*
4. On the 2 tiles the Shampoo Shelf will be replacing, mark 1” 
   from the outside of the grout line, the cut-out area will be 
   10” x 22”. Cut out the hole for the Shelf. The smaller the 
   hole the better.
5. Dry-fit the Shampoo Shelf for alignment of grout lines.
6. Using 100% RTV Silicone in-place with a generous bead 
   around the back of the lip, wipe off excess silicone with 
   tissue.

**DOOR HANDLE, HINGE, PANEL, DOOR & HEADER INSTALLATION**

**A - Door Handle Installation**

1. Set the glass door in a position to enable the assembly of the handle  
   *(diagram 18)*
2. Loosen the set screws so you can separate the handles.
3. Unscrew the long bolt from the handle. Keep all rubber pieces attached to the screw.
4. Remove the first set of flat, clear washers from the bolt.
5. Start with the top hole on the glass door. Place the long bolt through the hole in the door 
   (keeping the remaining rubber pieces on the bolt). On the other side of the glass place the flat 
   washers onto the threaded portion of the bolt.
6. Take one side of the handle and screw the long bolt into the end. Just start the bolt until a few 
   threads catch. Keep loose.
7. Put the second bolt through the lower hole. Place the flat washer onto the bolt. Screw the bolt 
   into the bottom handle.
8. Align the handle on the door and carefully tighten the long bolts. Do not over tighten.
9. Place the opposite handle over the long bolts and tighten the set screws to secure the handle.

**B - Hinge Installation**

1. Locate the top hinge  
   *(diagram 19)*
2. Apply a generous amount of Plumber’s Putty onto the hinge and side plate.
3. Position the hinge onto the glass door lining up the holes so that the screws are on the outside 
   of the shower door. This will ensure a better water tight seal.
4. Attach the side plate with Plumber’s Putty applied to the glass and tighten the screws until the 
   hinge is secure. Wipe off the excess putty and allow to dry.
5. Repeat these steps for the bottom hinge.
C - Fixed Glass Panel Installation

1. Carefully lift the glass panels and set them into the side and pan channels. Make sure the glass panels are stable. (diagram 20) The glass channels in the shower pan and wall thresholds will hold the glass in place while dry-fitting the panels and door.

- Glass is tempered and cannot be cut

2. The gap between the glass panels and the door should be 1/4"

3. Measure the positioning of the glass panels to ensure they are in the correct position. Make sure the glass is level across the top and also the vertical edges are square and straight to each other. Measure diagonally to check for straightness. Make any necessary adjustments. (diagram 25)

4. Locate the header pieces and lay them out in the correct orientation on the shower pan threshold. (diagram 22) There will be 3 pieces. If your shower is not a square then one piece will be longer than the other. Place the long piece on the longer side and the short pieces on the short sides. (diagram 22)

5. Make sure the glass panels are still positioned correctly inside channels. Adjust the panels if necessary.

6. Dry fit the header side pieces and make sure the ends meet with the wall threshold caps (not installed) and the glass panels fit in the channels correctly. (diagram 25) Depending on how square the walls are, you may need to sand the edges of the side pieces to make them fit properly. Leave a small gap between the center and side pieces to make a grout joint that matches your preference.

7. After everything is lined up correctly, remove the header pieces.
**D - Dry Fit Door/Header**

The door can pivot with the hinges on the left or right side depending on your preference. We will illustrate an installation with the hinges on the right side.

1. Have one person place the door in its open position by allowing the bottom hinge pin to slide into the hole in the pan threshold. Make sure the bottom hinge has the spacer on the pin. (diagram 23)

*Be sure to keep the door in a vertical position. If the door is not kept vertical, damage to the hinge, glass, or pan may occur.*

2. Next, have the other person place the header center section into position. Align the hole in the header center section with the hinge pin and align the glass channels with the glass panels.

3. Push the header center section all the way down onto the glass panels and the position the door in its closed position. (diagram 24)

4. Check for clearance between the door and glass panels and top and bottom of door. (diagram 25) There should be minimum of 3/16” between the door and panels. If you need to, push the panels into the wall thresholds to increase your gap to no more than 1/4”.

5. With a pencil, mark your side glass panel positions when adjusted correctly, this will give you a reference point when permanently glueing in place with silicone.

**E - Silicone Side Panels in-place**

1. The glass panels and header pieces are secured with 100% RTV silicone.

2. Apply a 1/4” thick bead of 100% RTV silicone into the bottom and side wall channels.

3. Re-install the glass panel in the same way you did before.

4. Refer back to all of the previous steps and diagrams to make sure the glass panels are in the proper position.

**F - Install Glass Door & Header**

1. Apply a 1/4” thick 100% RTV Silicone bead into the channel of the header center piece.

2. Have someone help set door into position, don’t forget to install the washer onto hinge pin

3. Set header into position, don’t forget to install washer on hinge pin. Check alignment and spacing.

4. Locate the header side pieces and apply a 1/4” bead of 100% RTV silicone to the top of the glass channels. Place them into position and push them all the way down onto the glass panels. Be sure to align them to the header center section. (diagram 26)

5. Allow the 100% RTV silicone to dry. Make sure the glass remains in the proper position. Leave the door in the closed position and use braces to support the glass until the 100% RTV silicone dries. Refer to the manufacturer’s instructions for drying time.
**G - Door Seal Installation**

We have provided door seals for water sensitive areas such as wood floors. If glass panels and door are installed correctly with the proper spacing, outside water spillage will be minimal and the side seals won’t be necessary. **The door sweeps is what keeps the door closed.** Adjust the door seal until the required tension is achieved. The door sweep has been cut to fit over the hinge. Cut off the excess length opposite of hinge side.

If you would like to use these side seals, follow the steps below.

1. Locate the plastic H shaped seals. One goes on the glass panel on the door strike side the other goes on the door on the hinge side. Measure and cut the seals to length.

2. Starting from the top, push the seal onto the glass, slowly working your way down

3. Place bulb seal (rounded seal) on the hinged side edge of stationary glass panel.

4. When you grout the rest of the shower, be sure to grout the extra hinge hole in the pan and the extra hinge hole in the stone header. Also, grout between the glass and the pan, the glass and the wall thresholds, and the glass and the stone header. As well as between the joints between the stone header center section and side pieces.

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**12 GROUT**

Your American Bath Factory shower has a non-porous tile surface, which makes it easy to clean. Grout used must contain an ACRYLIC ADDITIVE to ensure proper bonding to the tiles. We suggest you add grout to every grout line and seam in the shower.

1. Recommended grout: Custom Building Products, Polyblend #122 Linen, Non-Sanded Ceramic Tile Caulk, Model # PC12210N and Snow White #11 Model # PC1110N. Available at your local hardware or tile store.

2. Follow the grout directions for specific application instructions, a water-based non-sanded grout is recommended.

3. If you desire a powdered grout, use an acrylic additive to ensure bonding.

**Note: Grout is not covered by ABF Warranty.**
CARE & MAINTENANCE OF YOUR SHOWER SYSTEM

DO NOT CLEAN SISTINE STONE WITH PAINT THINNER, ACETONE, LACQUER THINNER, M.E.K., SCRUBBING BUBBLES or other chemicals that attack the structural integrity of Resin Based Stone. Use of these chemicals will destroy the surface of the stone and void your warranty. Soapy water, ammonia based cleaners & Comet will remove most dirt and residue from all types of finishes. For stubborn stains you may use a non-abrasive Scotchbrite pad. “Lightly” scrub the stained area in a circular motion to avoid discoloration. The stone is naturally waterproof and will not absorb spills or soil, simply wipe away with a damp sponge. Periodic cleaning with a sponge and warm, soapy water will remove any build up of dust or grime.

SHOWER SYSTEM TROUBLESHOOTING

Correcting Bowed Wall Panels  Sistine Stone Wall Panels are made to be flexible and may have a slight bow. This condition is normal and the panels will flatten when properly installed. If the panels have been stored improperly or have become excessively bowed, follow instructions below. Using a heat gun or propane torch, heat the backside of the panel in the most bowed area. Hold the torch a few inches away and move the torch back and forth over the area. After the panel becomes malleable, lay panel on a flat surface and apply weight until cool and flat. (wall thresholds work well, refer to Installation Guide Packing List).

Cracked Tile  As with any tile project, a tile can become damaged. Simply cut out the damaged tile, silicone a replacement tile in place, and grout.

Cracked Wall Panel Seam  If your wall panel develops a crack in a grout line, simply grout over the cracked seam when it is installed. The grout will correct the problem, you will not be able to tell the crack was ever there.

Scratches & Blemishes  Can be removed by wet-sanding the tile surface. Make sure tile surface and sandpaper are wet, and sand tiles until scratches and blemishes are removed.