Sistine Stone™

ALCOVE - SLIDING

Alcove Shower System Installation Guide for Liner Style & Accent Liner Style Showers

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, Monday thru Friday, 7:15am - 4:00pm, Friday (PST)
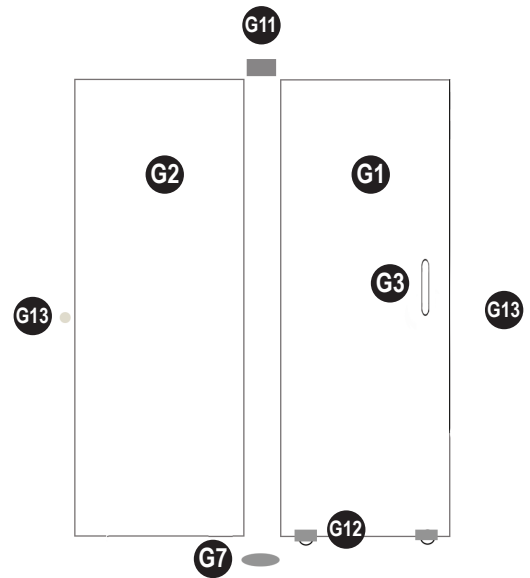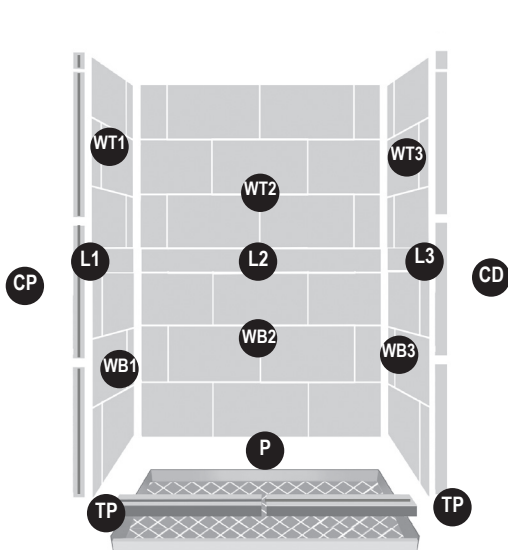
AMERICAN BATH FACTORY

G_00912-S-80S-7.17 Rev C

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 SET

P Metal Leak-Free Reinforced Pan

TP Threshold for Glass

SISTINE STONE WALL PANELS

WT2 **WB2** Back Wall Panel Top & Bottom

WT1 **WB1** Left Wall Panel Top & Bottom

WT3 **WB3** Right Wall Panels Top & Bottom

L2 Mosaic or Stone Liner Back

L1 **L3** Mosaic or Stone Liners Right & Left Side

CD Side Casing for Glass Door (3) & Cap

CP Side Casing for Glass Panel (3) & Cap

SLIDING GLASS DOOR

G1 Glass Door (Reversible)

G2 Fixed Glass Panel (Reversible)

G3 Door Handle

G7 Matching Drain Assembly

G11 Door Slide Bracket

G12 Shower Door Wheels (Pre-Installed on Door)
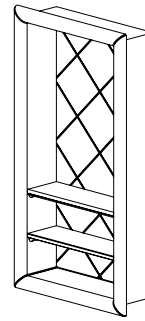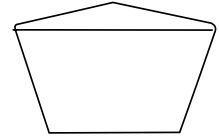
G13 Door Bumper (2)

OPTIONAL ITEMS

FAUCETS

SHAMPOO BOX

SHOWER BENCH

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② PRE-INSTALLATION TEAR DOWN

TIME REQUIRED
8-16 HRS

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.
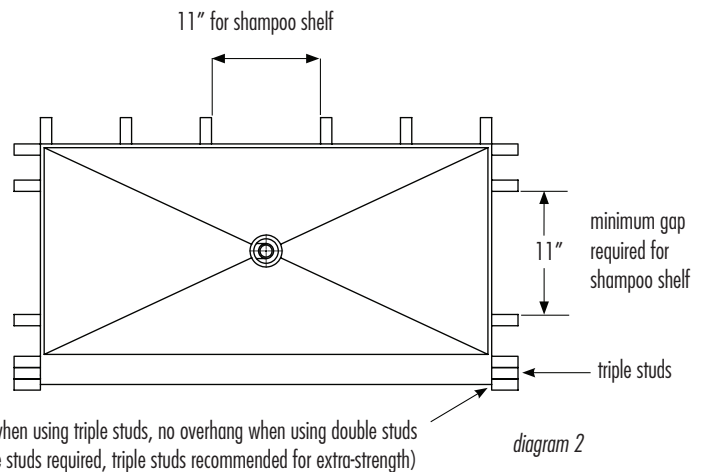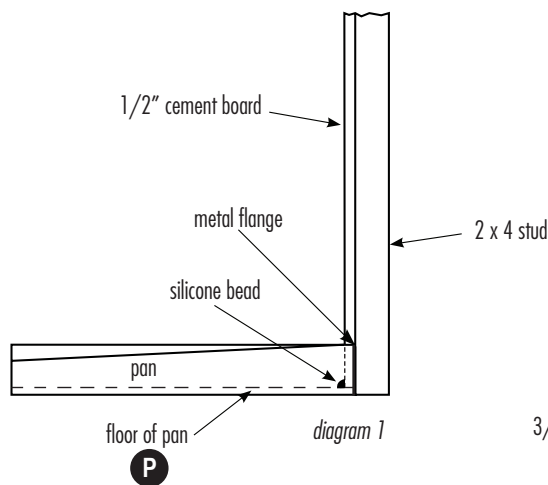
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③ DRY-FITTING THE PAN

TIME REQUIRED
½ to 1 HR

It is easier to check alignment of studs and pan without the drain installed into the pan. Place the pan **P** in the planned position. Check to see that the spacing between the pan and 2 x 4 studs are flush. Some shims may be required to plumb walls with the pan. By 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)*

With the pan in position, 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, next 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.

1/2" cement board

metal flange

silicone bead

pan

floor of pan

2 x 4 stud

diagram 1

P

11" for shampoo shelf

minimum gap required for shampoo shelf

11"

triple studs

3/4" overhang when using triple studs, no overhang when using double studs
(double studs required, triple studs recommended for extra-strength)

diagram 2

3

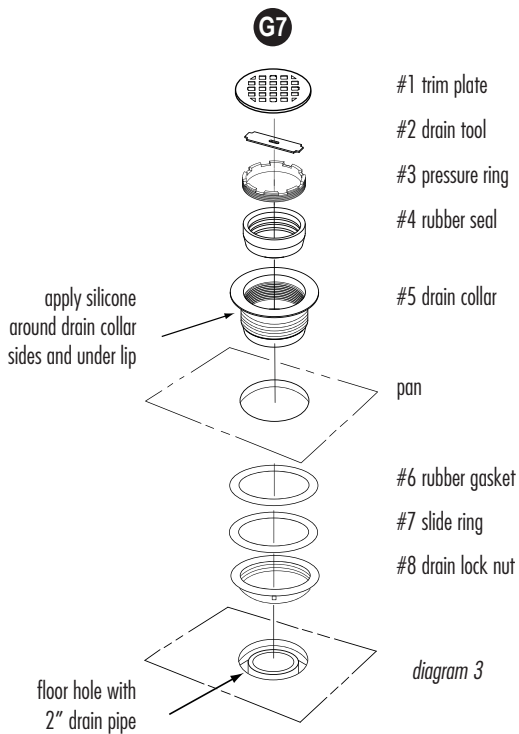## 4   2 x 4 STUDS ALIGNMENT & POSITIONING

TIME REQUIRED
½ to 1 HR

Using the pan and 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 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

TIME REQUIRED
½ to 1 HR

G7

#1 trim plate

#2 drain tool

#3 pressure ring

#4 rubber seal

apply silicone around drain collar sides and under lip

#5 drain collar

pan

#6 rubber gasket

#7 slide ring

#8 drain lock nut
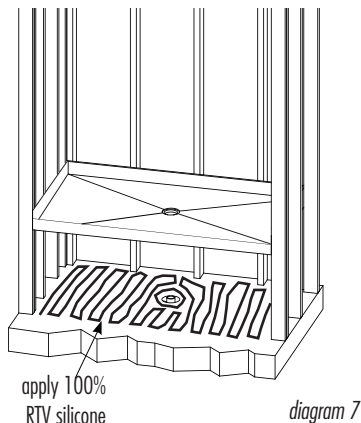
floor hole with 2" drain pipe

diagram 3

1. Locate the drain assembly **G7** 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.

6 SETTING PAN

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 7)*
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).
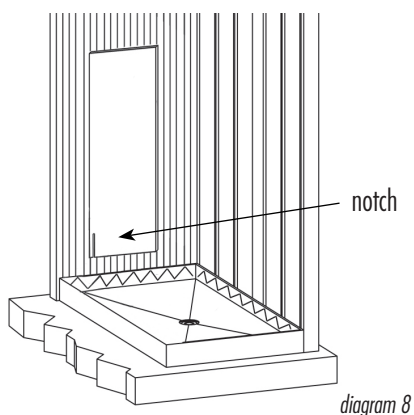8. After installing pan, cover with cardboard or drop cloth to protect pan from scuffs.

apply 100% RTV silicone

diagram 7

7 CEMENT BOARD INSTALLATION

We recommend the use of 1/2" thick cement board as your shower backer. This is a common backer for stone and tile. Using this backer will help 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 shimmimg the 2 x 4's at the top rim of the pan may be required to flush the cement board. *(diagram 8)*
2. 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.
3. 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.
4. Continue installing the remaining cement boards.

notch

diagram 8

✓ **For best cutting results for wall panels and cement board, use a Makita grinder with a 4" tile blade.**

silicone

pan rails

TP

diagram 9

metal pan **P**

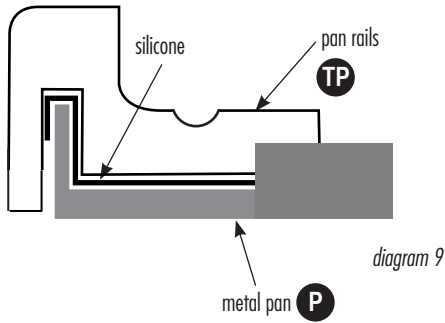## A - Pan Threshold

1. Locate the left pan rail and the right pan rail **TP** (*diagram 9*)
2. Dry fit **TP** onto the front of the metal pan **P**
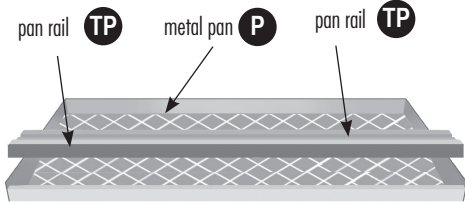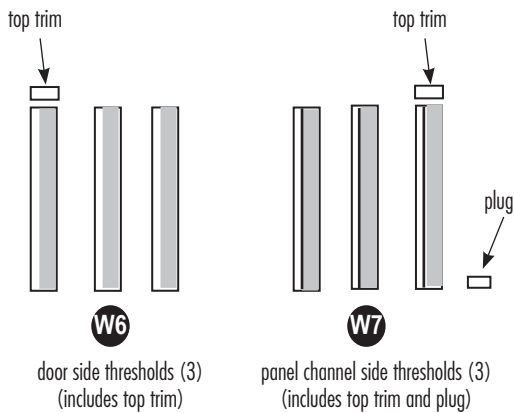3. Remove and place 100% RTV silicone on bottom of rails and in bottom channels, re-install. (diagram 10)

pan rail **TP**   metal pan **P**   pan rail **TP**

diagram 10

B - Wall Threshold Trim

1. Locate the door side thresholds **W6** side thresholds and the panel channel side thresholds **W7** and the top trim.
2. To help with the door side thresholds **W6** and the panel channel side threshold **W7** installation *(diagram 11)*, 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 circular pattern, to the cement board along the plumb line, approximately 4 inches wide, to the edge of the shower pan. *(diagram 12)*
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 flush with the inside of the shower pan threshold and have a small gap where the pan threshold slopes. *(diagram 13)*
5. Place the remaining side thresholds into position, 3 to each side. Make sure to use a level and the plumb line previously drawn on the cement board to align the side thresholds vertically.

top trim

top trim

plug

W6

W7

door side thresholds (3)
(includes top trim)

panel channel side thresholds (3)
(includes top trim and plug)

cement
board

silicone
circles

diagram 12

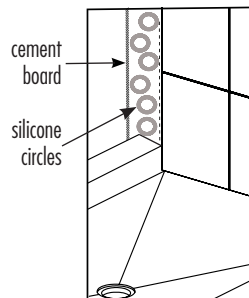*diagram 13*

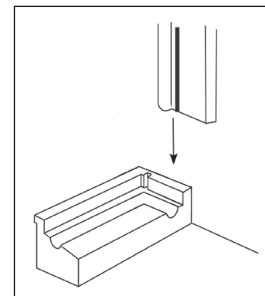*diagram 11*

WALL PANEL/LINER INSTALLATION

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.
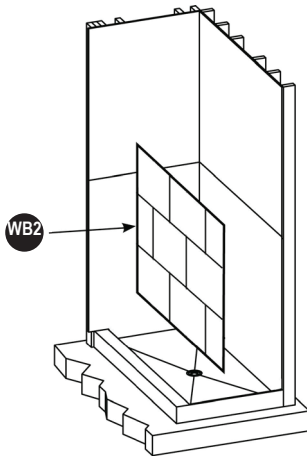
1. Find a large empty area to layout and inspect all panels.
2. Align all panels and liners to check for straightness. Make sure grout lines are straight and square to each other.
3. Sistine Stone wall panels are made to be flexible and may have a slight bow. This condition is normal and wall panels will flatten out when properly installed. If wall panels have been stored improperly or have become excessivly bowed, they can be easily flattened before installation *(See trouble shooting section on last page for details).*

diagram 12

B - Dry-fit Wall Panels/Liners
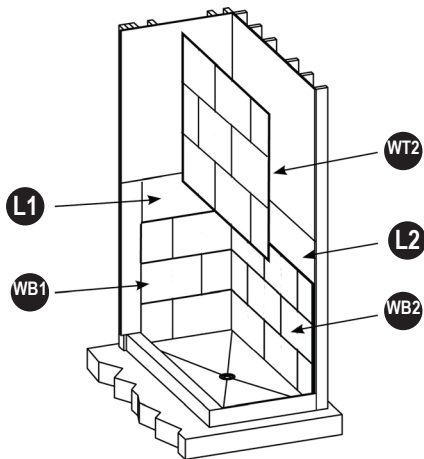
1. Place your first bottom back panel **WB2** into position. *(diagram 12)*. Rest **WB2** panel onto the pan floor; use spacers between the floor and the panel to make the top of the panel level.
2. Place the back liner **L2** into position. Make sure the grout lines are aligned, use spacers to make the top level. Inspect the spacing between the wall panels and the side threshold plumb line.
3. Place the top panel **WT2** 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.
4. Depending on your cement board alignment, some sanding of the wall panel edges may be required for a tight fit.
5. Holding the upper panels and liner in place with another persons help, check the length and overlap alignment. Some fitting may be required.
6. Place one of the bottom side panels **WB1** in position check for level and length.
7. Place the side liner **L1** into position. *(diagram 13)*
8. Place one of the top side panels **WT1** into position.
9. Repeat steps 6 through 8 for other side of shower
10. Depending on your faucet selection, you may need to mark and cut out holes for your faucet to fit through before you can place the panel 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 levelness and grout line alignment and spacing between walls and plumb line.
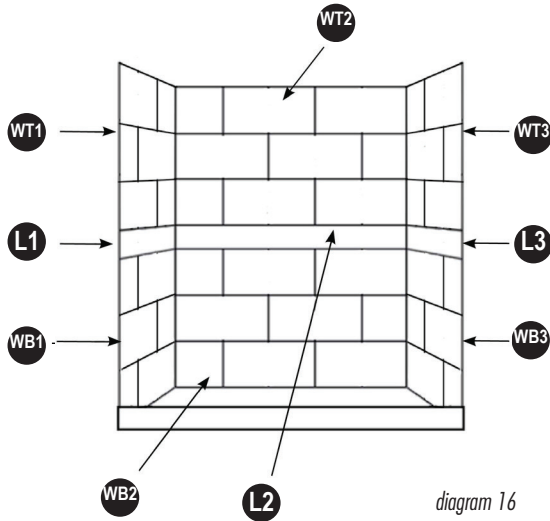

diagram 13

diagram 16

C - Installing Panels

9. Remove all dust and dirt with a clean dry cloth. This will increase the bond to the 100% RTV silicone.

10. Start with the bottom panel **WB2** 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.

✓ **Braces may be required to keep walls flush**

11. 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 16)*

12. Install the panels in the same order as you dry-fitted the panels.

10

OPTIONAL SHAMPOO SHELF INSTALLATION

TIME REQUIRED
1/2 - 1 HR

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.

Our glass is tempered to make for a very strong door, the tempering gives maximum strength from impact on the surface, unfortunately this make the glass very vulnerable to breakage from impacts to the bottom and top edges of the glass panel. Do not rest the top or bottom of glass panels on hard floor or objects, always keep corner pads on glass while handling. Place foam or a soft material under the glass panel when unpacking and setting aside
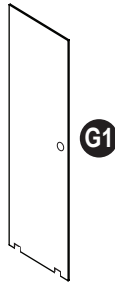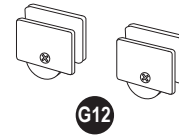
CONTENTS

SLIDING GLASS DOOR

FIXED GLASS PANEL

DOOR SLIDE BRACKET

G11

DOOR HANDLE

SHOWER DOOR WHEELS

G3

G1

G2

G12

DOOR BUMPERS

G13

SILICONE

wall threshold

door handle

sliding glass door

door bumper

wheels

door slide bracket

fixed glass panel

door bumper

RIGHT DOOR

cement board

diagram 17

door bumper

fixed glass panel

door slide bracket

door bumper

sliding glass door

door handle

LEFT DOOR

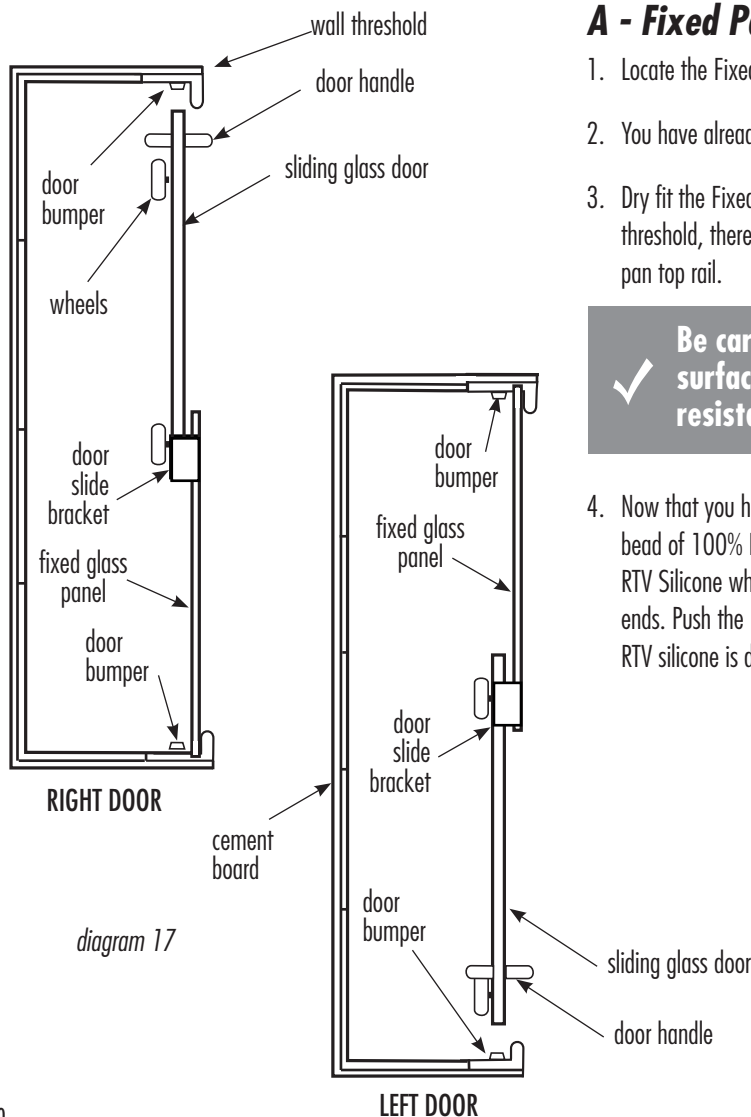## A - Fixed Panel Installation

1. Locate the Fixed Glass Panel G2 , Door Slide Bracket G11 , and Clear 100% RTV Silicone.

2. You have already determined the position of the Sliding Glass Door, left or right. *(diagram 17)*

3. Dry fit the Fixed Glass Panel in place. Place the fixed glass pane linto the channel of the wall threshold, there is no channel for the pan top rail, 100% RTV silicone will hold the glass to the pan top rail.

> ✓ **Be careful not to rest the edges of the door on hard surfaces. Tempered glass is very strong and impact resistant but its weakest point is impact on the edges.**

4. Now that you have dry-fitted your panel, remove panel and silicone in place.Place a small bead of 100% RTV Silicone in the channel of the wall threshold and pan top rail. Using 100% RTV Silicone where the Fixed Glass Panels will rest, don't silicone past where the Fixed Panel ends. Push the Fixed Glass Panels into their resting position and clamp in place until the 100% RTV silicone is dry. Wipe off any excess 100% RTV silicone with tissue paper.

clear washer

clear
spacer

clear washer

G3

*shower
inside*

screw

*shower
outside*

set screw

diagram 18

B - Handle Installation
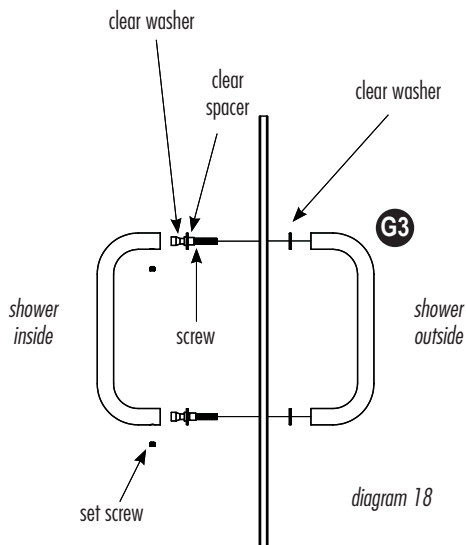
1. Set the glass door in a position to enable the assembly of the handle **G3** *(diagram 18)*

2. A left door will have the Door Handle on the left, a right door will have the Door Handle on the right.

3. Loosen the set screws so you can separate the handles.

4. Unscrew the long bolt from the handle. Keep all rubber pieces attached to the screw.

5. Remove the first set of flat, clear washers from the bolt.

6. 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.

7. 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.

8. Put the second bolt through the lower hole. Place the flat washer onto the bolt. Screw the bolt into the bottom handle.

9. Align the handle on the door and carefully tighten the long bolts. Do not over tighten.

10. Place the opposite handle over the long bolts and tighten the set screws to secure the handle.
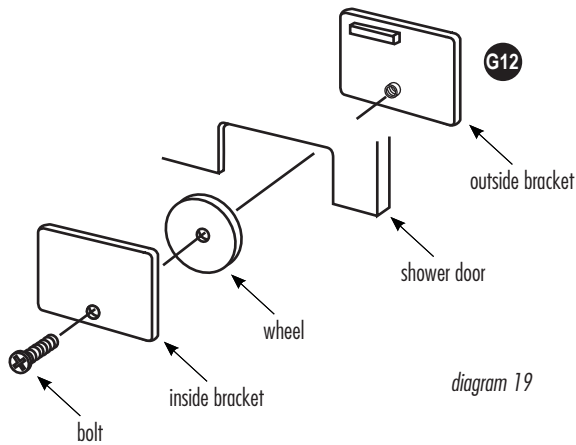
G12

outside bracket

shower door

wheel

diagram 19

inside bracket

bolt

C - Sliding Glass Door Installation

1. Locate the shower door wheels (Pre-installed on door)

2. To install the wheels on the sliding glass door, unscrew the bolt from the inside bracket. Place the outside bracket on the outside of the door, and place the inside bracket and wheel into the cutout section of the shower door *(diagram 19)* Push the bolt through the inside bracket until it screws into the outside bracket. Repeat for the remaining wheels.

3. After 30 minutes to an hour the 100% RTV silicone on the fixed glass panel should be secure

   enough to finish the door assembly. (do not use excessive force on the door until the 100% RTV silicone is fully dried). Have the top slide bracket handy and ready to install. Carefully place the Door into position, with the wheels resting in to the pan threshold channels facing into the shower.

4. To secure the sliding door to the door slide bracket **G11** *(diagram 20)* Take the clear rubber insert of top bracket and put a pea drop of 100% RTV silicone inside of channel then place on the top end of the Fixed Glass Panel. Next lower the bracket over the clear rubber insert at the same time making sure the glass is going into the guide channel, push down leaving a 1/8" gap between top of the Sliding Glass Door and the slide. (pushing the slide bracket down to far will create to much friction for the door to move easily).

5. To install the two rubber door stops, place a drop of 100% RTV silicone onto the rubber stops,

   and position on the left and right wall thresholds, in the center of where the door will stop.
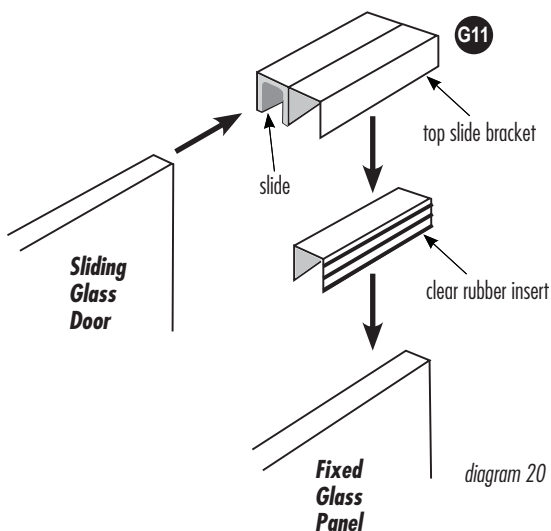
G11

top slide bracket

slide

*Sliding
Glass
Door*

clear rubber insert

*Fixed
Glass
Panel*

diagram 20

(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 # PC1221ON and Snow White #11 Model # PC111ON. 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 developes 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.

AMERICAN BATH FACTORY