BARRIER FREE ARCHITECTURALS INC.
Architectural Products for Barrier Free Living
info@barrierfree.org 877 717 7027

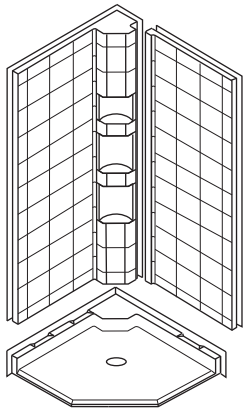
Installation Instructions

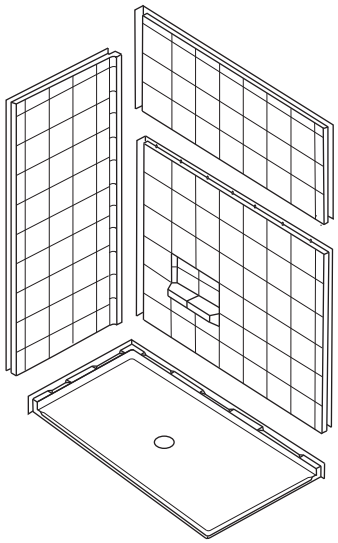
Low Base 3, 4 and 5 piece Showers with SnapJoint

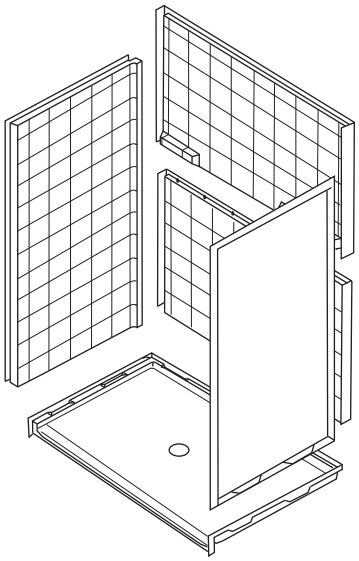
3/4/5 LBS SJ

INSTALLATION INSTRUCTIONS FOR MODEL #

3LEN4242B75B *(Also LPBmW)
4LDS4834B75B *(Also LPBmW)
4LDS4848B1B *(Also LPBmW)
4LESC6036B75B *(Also LPBmW)
4SS6337A75B *(Also LPBmW)
5LDS6033B17T
5LDS6034B75B *(Also LPBmW)
5LDS6034B17T
5LDS6042B1B *(Also LPBmW)
5LES6036B75B *(Also LPBmW)
5LES6042B1B *(Also LPBmW)
5LES6048B1B *(Also LPBmW)
5LRS6030B17T
5LRS6030FB17T
5LRS6033B17T
5LRS6033FB17T
5LRS6034B75B *(Also LPBmW)
5LRS6034FB75B *(Also LPBmW)
3LEN4242
5LDS6030
5LDS6034
5LES6042
5LRS6030
5LRS6030FB
5LRS6033
5LRS6033FB







Quick Check List for Installation

See page 2 for Illustrations and page 3 for tools and supplies

1. Decide if you need to recess the unit into the floor for best wheel chair access and if so, cut out the flooring. If the model you are installing has a beveled curb or if you are using a ramp, this will not apply.
2. Mark where the perimeter of the unit will be on the walls, then mark and cut 1-1/2" inch past that mark.
3. Check the framing pocket for size, plumb and level and adjust as needed.
4. Add studs to the side wall as needed for attaching the vertical front flanges and drywall.
5. Prepare the drain hole in the floor and the drain fitting.
6. Prepare and cut holes for the mixing valve and supply outlet.
7. For units with a 1-1/4" or lower curb height, see LPBmW "Installation Instructions for Showers with Low Profile Bottoms" NOTE: when bracing to the ceiling to install a unit with Low Profile bottom, set the backwall on the pan before blocking access with the bracing boards.
8. Install the Pan (use a plumb bob) and fasten to the studs. See Step 2 on page 3
9. Install the Backwall and attach at the top. On a 2-piece backwall, secure the bottom section temporarily before the top section goes on.
10. Caulk the back of the backwall joint and Install the side wall panels and snap the joints flush, using the suction cup (included).
11. Screw to the framing and caulk all joints.
12. Install the optional Flange Trim Kit and other accessories. Following these first two pages are more detailed instructions.

*LPBmW indicates that in addition to these instructions, you also need to follow :
"Installation Instructions Showers with Low Profile Bottoms"

PREPARATION

Check that all the parts are there and if there is minor damage, it can be touched up later.
Damage claims should be made immediately with the carrier.
1 ea Pan
2 ea Side Wall panels
1 ea or 2 ea (depending on the model) Back Wall panel
1 ea tube of silicone caulk
Remodel Flange Trim Kit (optional)
Other Options
NOTE: Items needed for back wall valve location are indicated the letter "**B**".

TOOLS General

Tape measure
Pencil
Utility knife
Drill/screw gun
Pilot bit with counter sink
#2 Phillips head bit
Skill saw
Pry bar
Plumb bob
Level (2 ft.)
Caulk gun
Leather gloves (to protect from fibers and metal springs)

SUPPLIES General

40 ea 1-1/2" drywall screws
10 ea shim wedges
4 ea 8 ft 2x4 lumber

TOOLS for Mixing Valve Plumbing

Hole saw, 4" for mixing valve hole
Hole saw, 1-1/4" for supply elbow- or fixed head hole
Pipe wrench
Propane torch
Wire brush for copper fittings
Pipe cutter for copper pipe
Hack saw
Pipe wrench
Hole saw, 1-3/4" for (optional) diverter valve hole
3/8" socket driver (to remove plug from diverter valve)

SUPPLIES for Drain- and Mixing Valve Plumbing

Plumbers putty
Flux
Solder
Pipe dope/Teflon tape
Emery cloth
Pipe strap
Drain and P-trap pipe and fittings as required to adapt from the existing tub drain to a shower drain
Solvent Weld Cement
Pipe Cleaning Solvent

NOTE: All or some of the following plumbing fittings may be needed depending on whether the valve will be located on the back wall or other valve relocation is done.
B 1/2" copper pipe
B copper elbows 90 degr.
B copper elbows 45 degr.
B copper couplings
B 1/2" MIPT x 3" nipple (galvanized or brass)

TOOLS for Showers with Low Profile Bottoms LPB

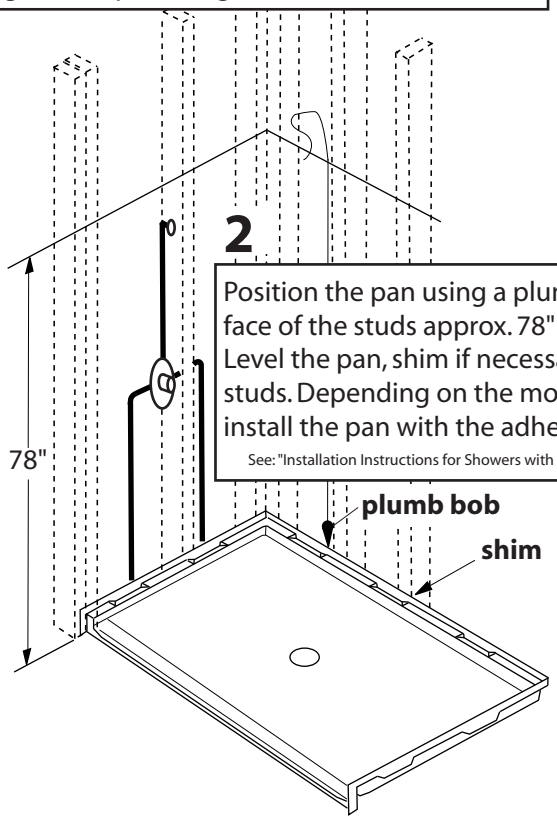
- Standard Caulk gun for 10 oz.
- Special gun provided for 20 oz. dual cartridge

SUPPLIES for Showers with Low Profile Bottoms LPB

Supplied adhesive in 10 or 20 oz. sizes (provided with the shower)

1

Rough in the plumbing to drain, valve and outlet.



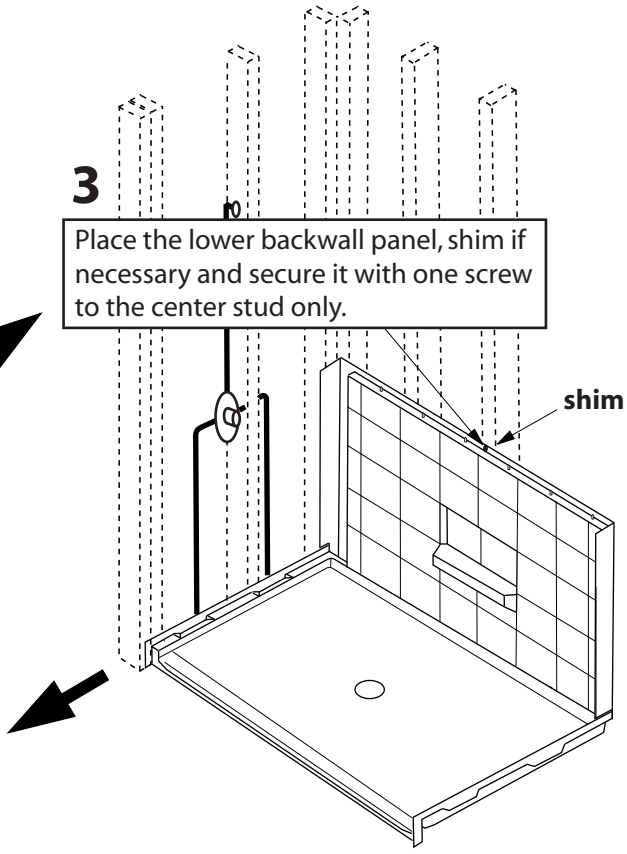
2

Position the pan using a plumb bob from the face of the studs approx. 78" above the floor. Level the pan, shim if necessary and screw to the studs. Depending on the model, you may have to install the pan with the adhesive provided.

See: "Installation Instructions for Showers with Low Profile Bottoms" LPBmW

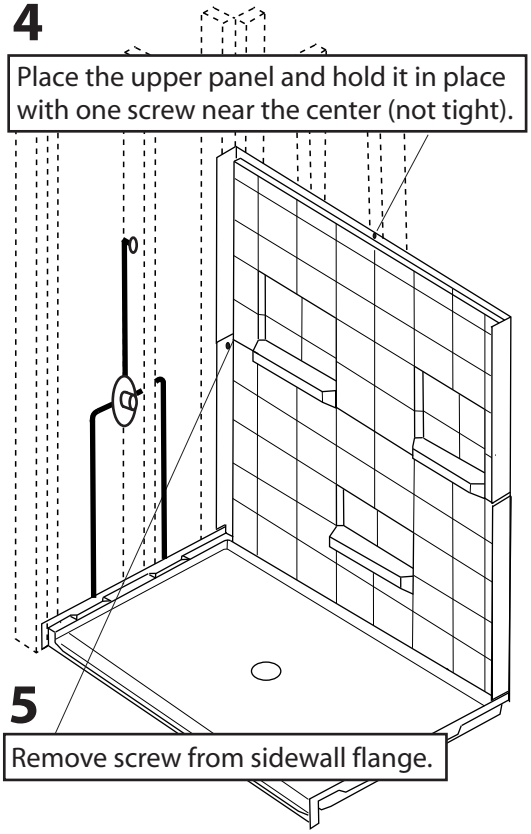
3

Place the lower backwall panel, shim if necessary and secure it with one screw to the center stud only.



4

Place the upper panel and hold it in place with one screw near the center (not tight).

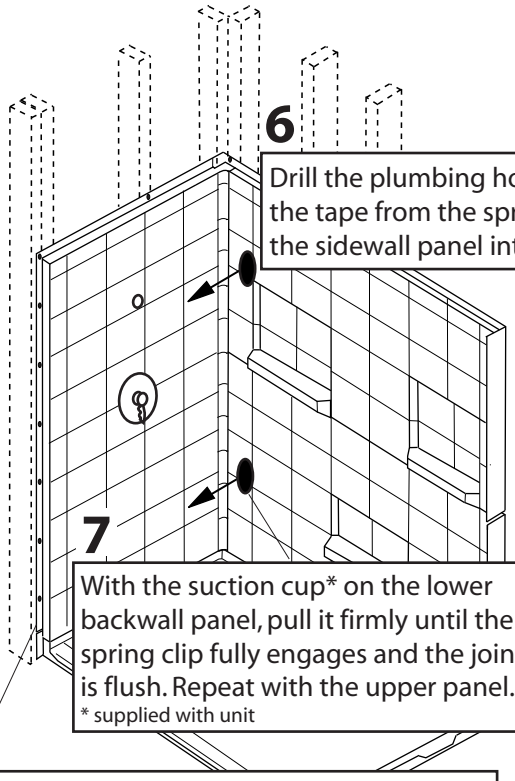


5

Remove screw from sidewall flange.

6

Drill the plumbing holes, remove the tape from the springs and slip the sidewall panel into position.



7

With the suction cup* on the lower backwall panel, pull it firmly until the spring clip fully engages and the joint is flush. Repeat with the upper panel.

* supplied with unit

8

With the walls firmly pushed down on the pan, screw through the flanges to the framing.

9

Apply silicone caulk in all joints with a small nozzle.

Installation:

1. Mark and cut out the drywall to fit the shower as follows:
1-1/2" above the level where the highest point of the shower will be.
See Figure 1 A

Figure 1 A

Mark and cut out the drywall in front to fit the shower as follows:
1-1/2" past where the furthest point of the shower will be.
See Figure 1 B

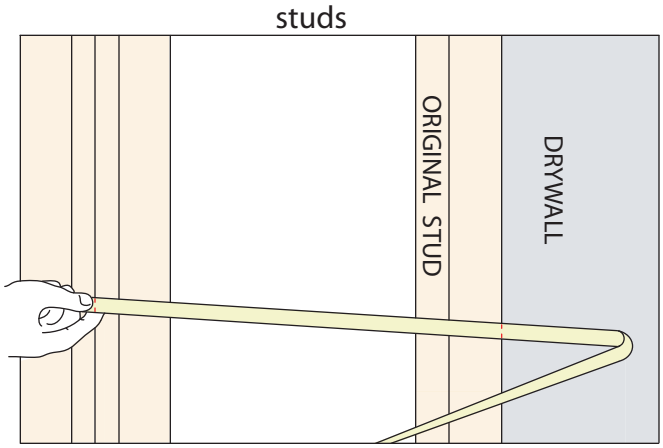


Figure 1 B

2. Install the studs that will provide support for the front nailing flanges and the drywall as follows:
Slip two studs in the space in front of the most forward stud SIDEWAYS and screw it to this stud. **See Figures 2 A and 2 B**

Now screw the drywall to this stud

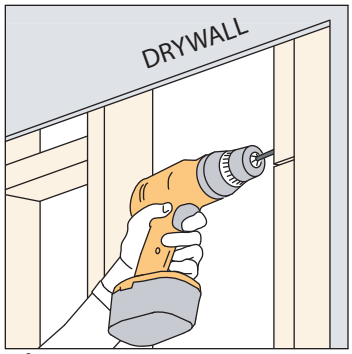
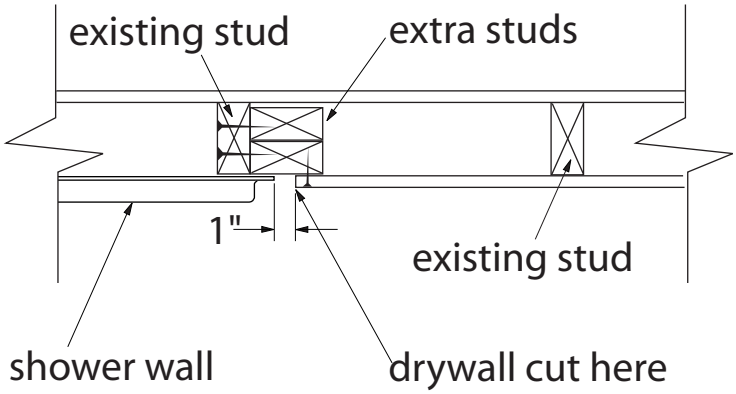


Figure 2 A



TOP VIEW

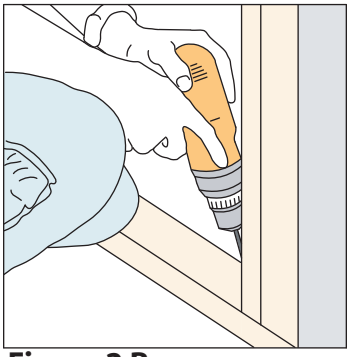


Figure 2 B

If you need to keep the curb as low as possible for maximum accessibilty and want to install the pan on the floor joists, proceed as follows:

If the joists run perpendicular to the shower curb, run 2x4 between and flush with the top of the joists. This is to provide support for the back of the pan and allows shimming. **See Figure 3**

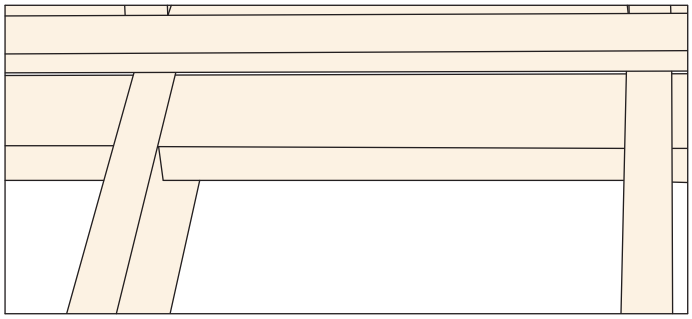


Figure 3 (accessible install only)

4. Level the part of the floor where the front and the back of the pan will be sitting. **See Figure 4**

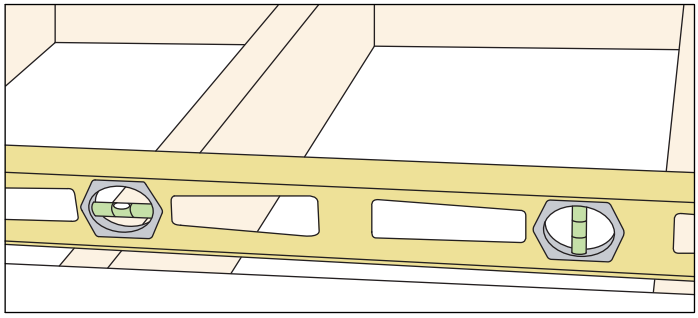


Figure 4

5. Rough in the drain pipe. **See Figure 5**

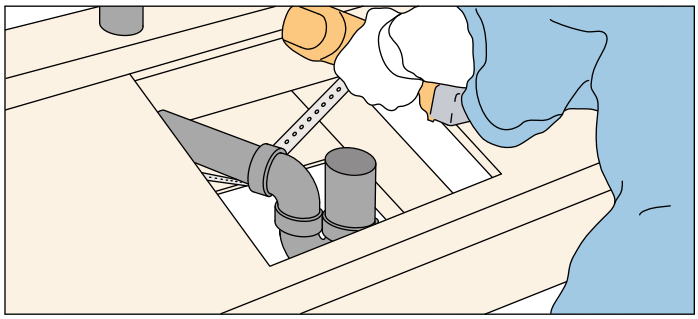


Figure 5

6. If you need to install a new diverter mixing valve on the back wall, pre-plan the lay-out with the valve,glide bar and grab bar positions in mind. Shut off the water supply and cut the hot and cold lines between 2" and 4" above the bottom plate. Route these lines through the studs (except for 2 ea 45 degr elbows in front of the corner studs) toward the new valve location on the back wall. **See Figure 6**

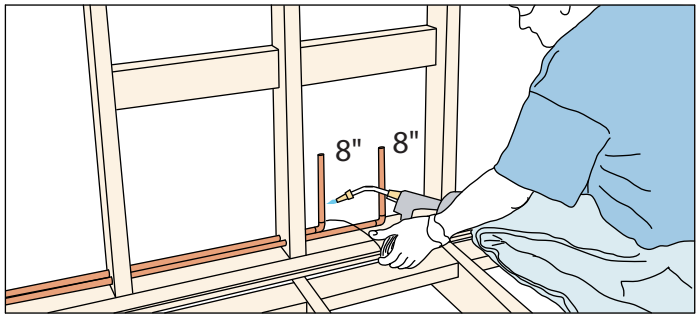


Figure 6

If your shower pan's curb height is:

- less than 1-1/2", see LPBmW supplement for proper adhesion to the floor before continuing.
- 1-1/2" or greater, continue with these instructions.

7. Set the pan in the opening, carefully slipping the drain fitting over the drain pipe. (No Figure 7)

8. Level the pan in all directions. **See Figure 8**

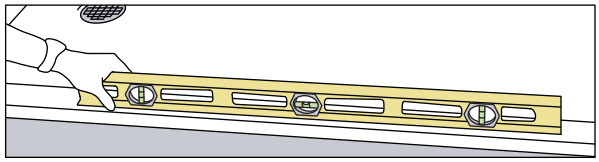


Figure 8

9. Hang a plumb bob FLUSH with the back side of the drywall from temporary screws. **See Figure 9**

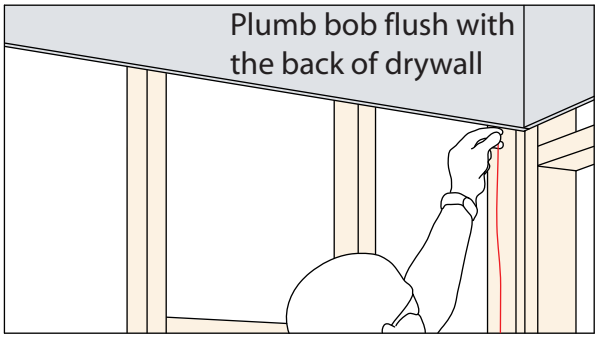


Figure 9

10. If the studs are leaning in, shim between the pan and the framing and check that the pan is still level before screwing it to the studs.

If the studs are leaning out, you can either:
A. Cut into the studs or
B. Shim out.
The optional Flange Trim Kit is a good way to help transition to the drywall.

Keep the screws in the pan flanges close to the edge of the flange so the wall panel will not hang up on these screws. **See Figures 10 A and 10 B**

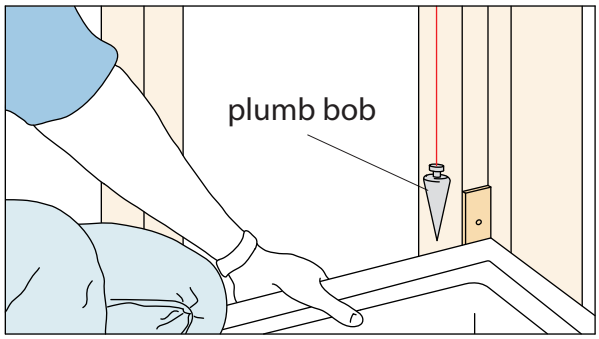


Figure 10 A

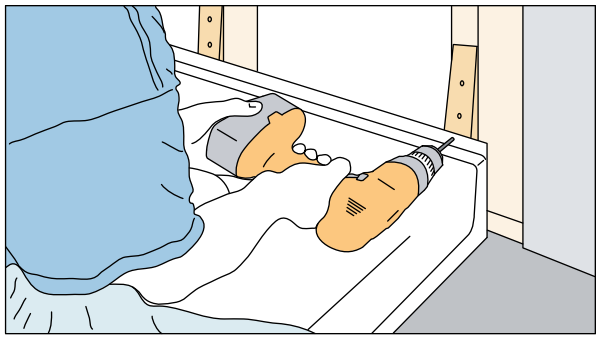


Figure 10 B

11. Drill the holes for the plumbing, based on the pre-planning discussed in Step 6. **See Figure 11**

If the plumbing is kept at the original plumbing wall, just reposition the valve (be sure to plug the port to the tub spout that is now unnecessary) and relocate the shower outlet as desired. If you are installing the valve on the back wall, run the pipes about 8" above the bottom plate, but do not commit to a final position of the valve and fittings until you can line these up with the holes in the wall panels.

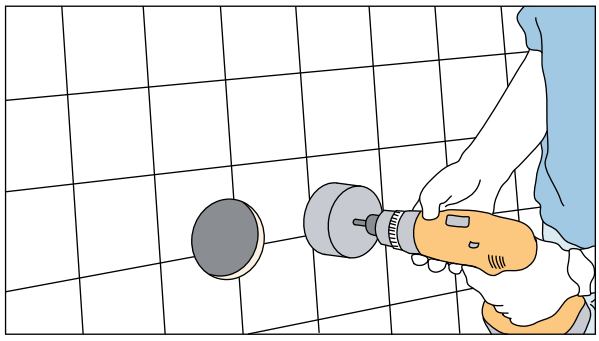


Figure 11

12. Follow steps 3 thru 8 on page 1.

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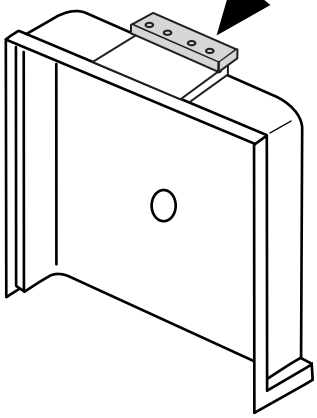
Installation Instructions

Showers (multi piece) with Low Profile Bottoms

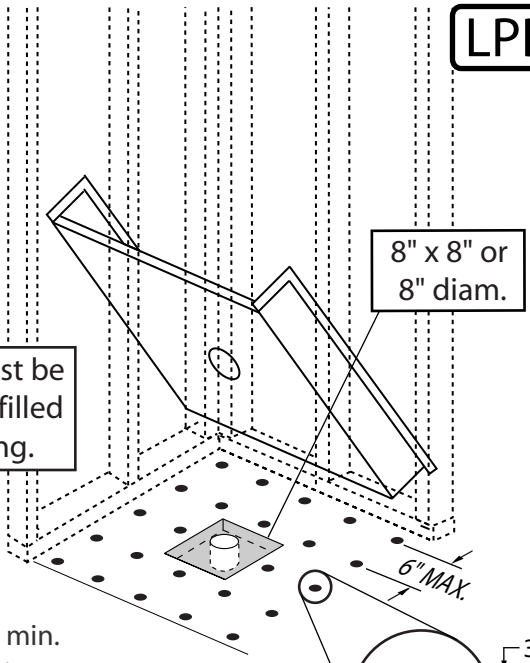
LPBmW

Storage: Do Not rest on the Bottom Once the Drain Fitting is Installed.

Remove this block before installing

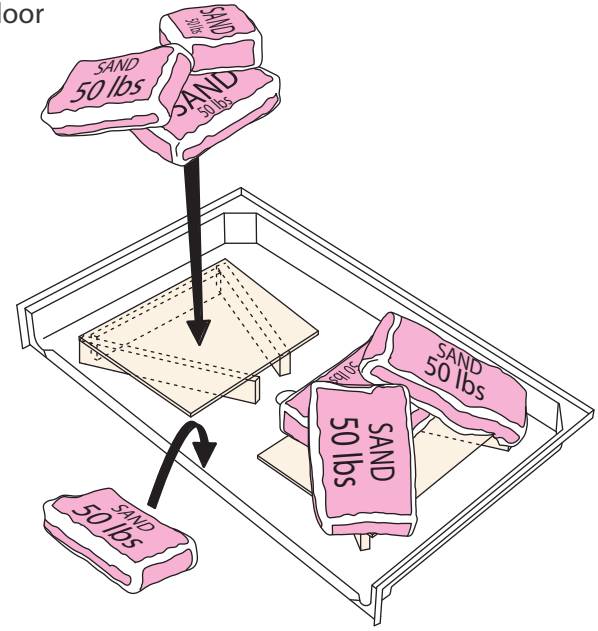


NOTE: The drain cut-out must be 8" diam. or 8" x 8" and back filled if it is larger to prevent flexing.



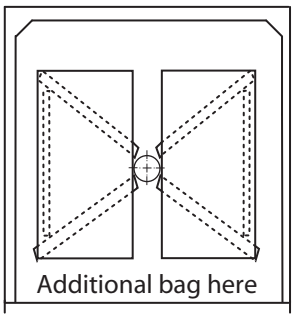
Adhesive: 3/4" dollops every 6" min. starting approx. 2" from cut out

Weigh down the weight plates: check that they are tight all along the shower floor with no dips or high areas.



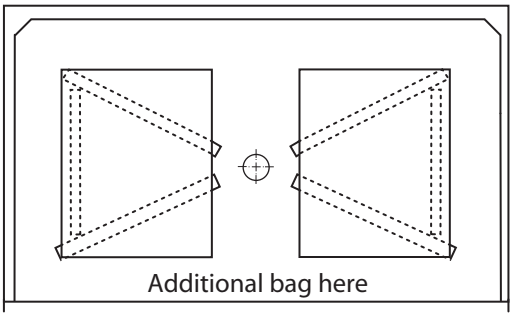
DO NOT WALK ON BOTTOM UNTIL ADHESIVE HAS SET UP

TIP: Also put adhesive between 2 pcs. of scrap wood to monitor cure.



PLAN for Showers Smaller than 5'

All curb heights: 7 ea. 50 lb Bags.



PLAN for Showers 5' and Larger

5/8" - 3/4" curb: 7 ea. 50 lb Bags.

1" - 1-1/4" curb: 13 ea. 50 lb Bags.

ATTENTION: Weight Plates will be sent with the First Load Only. Please keep your weight plates for use with subsequent shipments.

SEE BACK FOR ADDITIONAL IMPORTANT INSTRUCTIONS

Best Bath SYSTEMS

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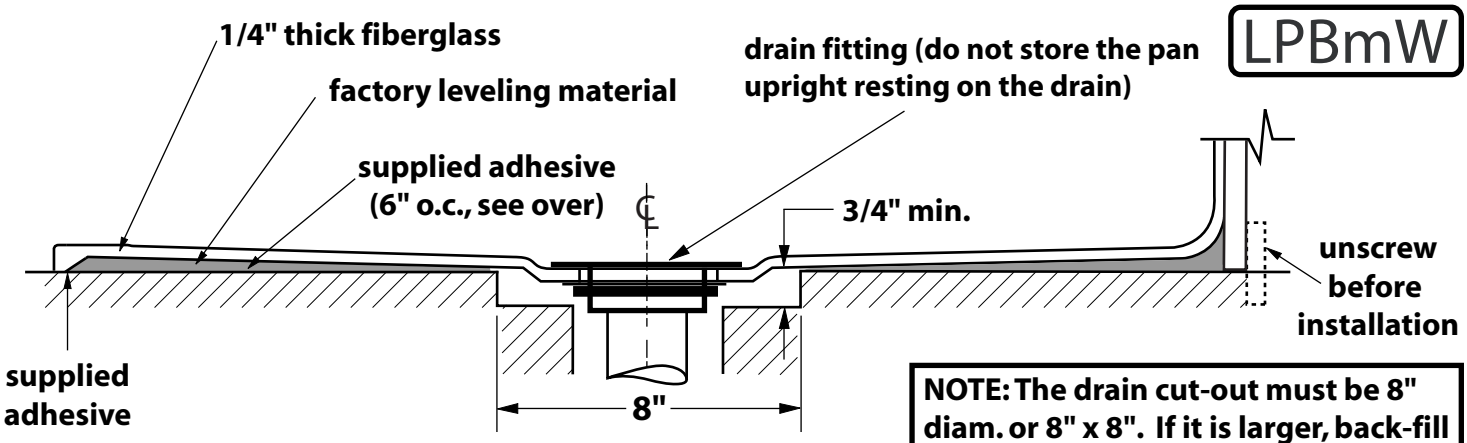
www.best-bath.com

Installation Instructions

Showers (multi piece) with Low Profile Bottoms

The extremely low profile of this shower bottom may eliminate the need for recessing. In order to get full, permanent contact with the floor, it MUST be installed per these instructions. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN FAILURE NOT COVERED BY WARRANTY

LPBmW



CROSS SECTION OF BOTTOM (installed)

NOTE: The drain cut-out must be 8" diam. or 8" x 8". If it is larger, back-fill to prevent flexing.

Installation:

1. Check the stud pocket for level and correct dimensions and the drain hole in the floor for the correct distance to the studs. The floor must be level +/- 1/8 inch, especially around the drain box out and sweep floor clean.
2. The shower drain must be centered in an 8" cut-out in the floor (refer to specification or the actual shower). See drawing above.
3. Have the plumber install the drain fitting. DO NOT store the unit resting on the drain.
4. Prepare the drain pipe to receive the drain.
5. Clean the floor and the pan's underside. The floor may be damp but no standing water.
6. The leveling material has been scuffed up at the factory. Clean off any debris stuck to it.
7. Remove the plywood strip that is screwed to the leveling block at the back.
8. Put the pan in the pocket. To position it, you MUST use a plumb-bob or dry-fit the walls.
9. Draw a line where the curb will be.
10. Prop the pan up and apply the supplied adhesive to the floor (see illustration on the front page). At the same time, glue some scrap wood together as a cure time sample.
11. Tip the pan into position, making sure it is positioned at the line drawn in step 9. Avoid stepping on the bottom until the adhesive has set up.
12. When level, screw through the flanges.
13. Use weight plates to brace or weigh down as shown (over) until snug to the shower floor.
14. Make sure the bottom has adequate drain-slope by pouring water in it or with a level.
15. Check the cure time sample from step 10 and when fully bonded or after no less than 2 hrs, remove the weight plates . (more if the floor is cold)
16. Install walls per the instructions, but avoid stepping inside until adhesive has cured.

SEE FRONT FOR ADDITIONAL IMPORTANT INSTRUCTIONS