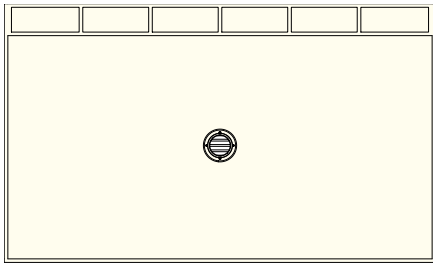
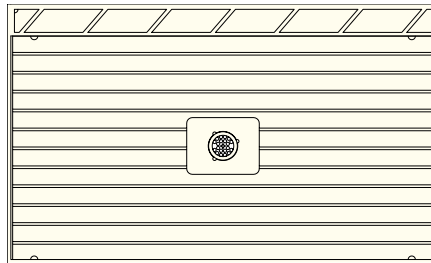


# FLAT BOTTOM SHOWER PAN WITH SOLVENT-WELD DRAIN INSTALLATION INSTRUCTIONS

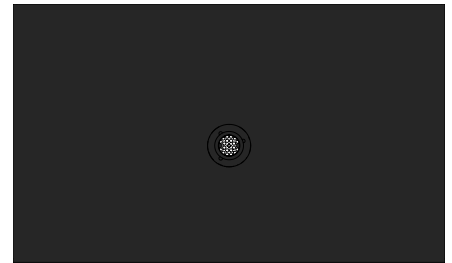
These instructions are exclusively for Tile Redi (yellow shower pans) Flat Bottom Shower Pans. If you have received a yellow Ribbed Bottom Shower Pan or a black, Redi Your Way® shower pan please visit [tileredi.com/knowledge-center](http://tileredi.com/knowledge-center) for the correct instructions.



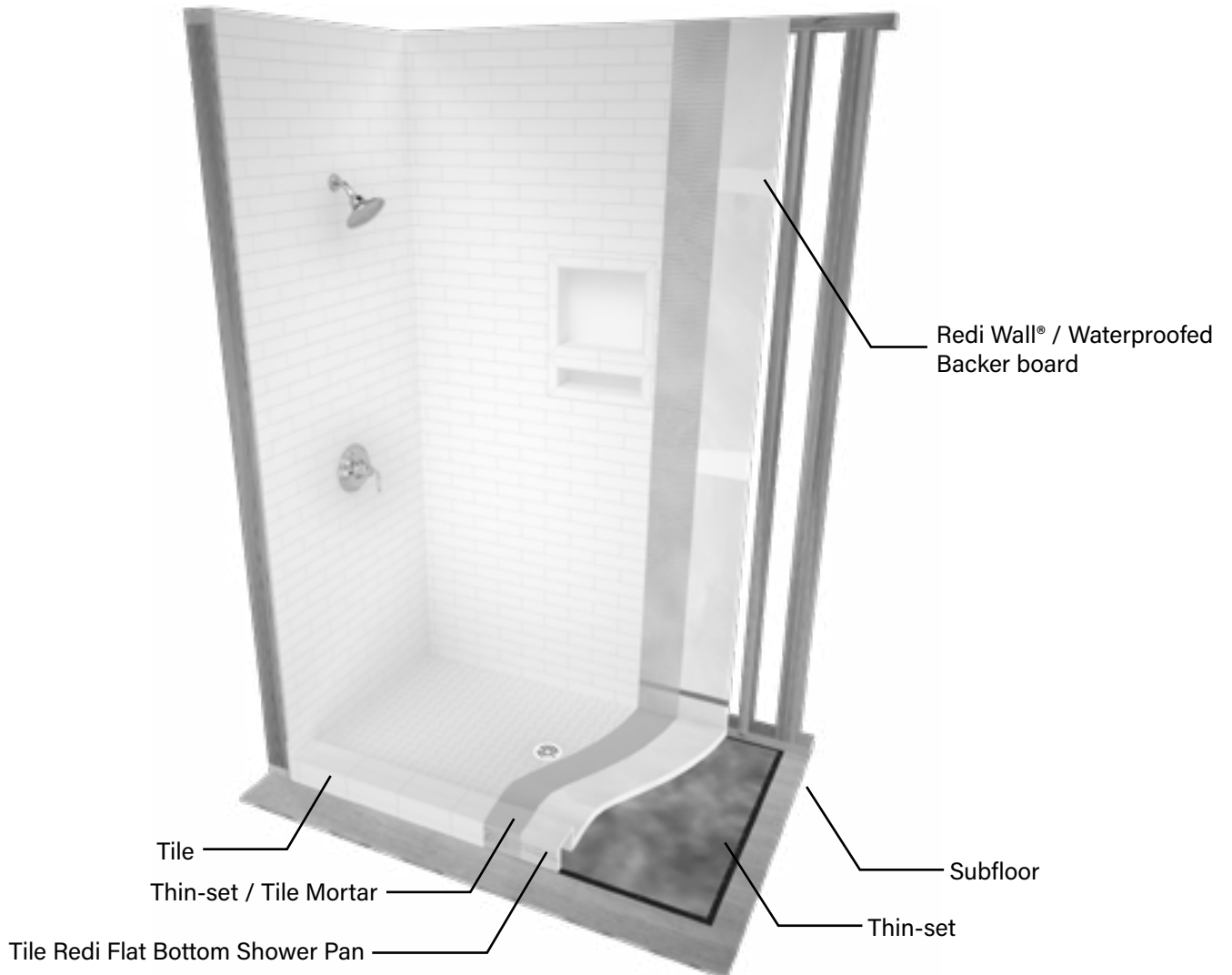
Flat Bottom Shower Pan



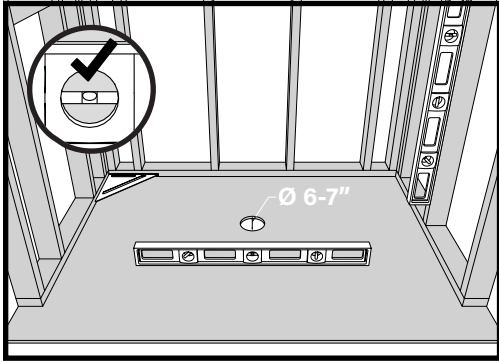
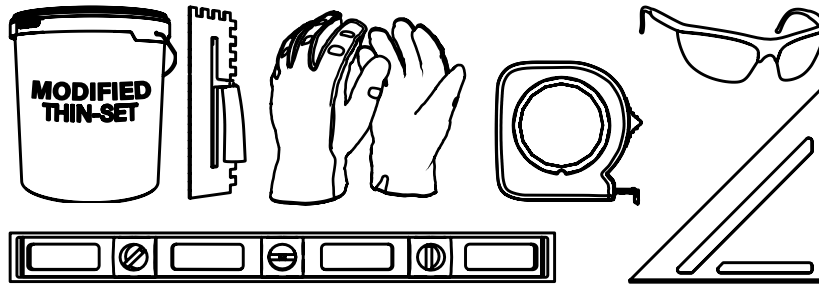
Ribbed Bottom Shower Pan



Redi Your Way Shower Pan



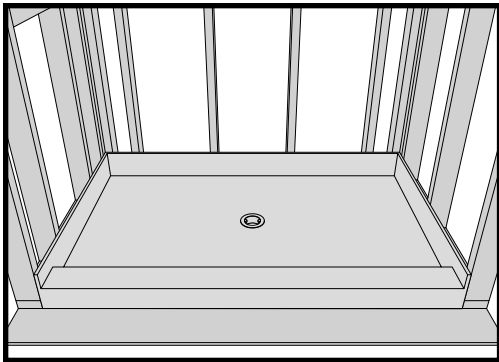
# TOOLS REQUIRED



1. Frame out shower stall area to shower pan dimensions. The bore hole needs to be a minimum 6", but not more than 7" diameter opening\*. Ensure that the shower pan subfloor is level, and that the walls are level, plumb, and square. Place the square in corners to ensure they are square and straight. All walls and framing must be plumb prior to proceeding. The floor must be level within 3/8". Sweep up any debris from subfloor.

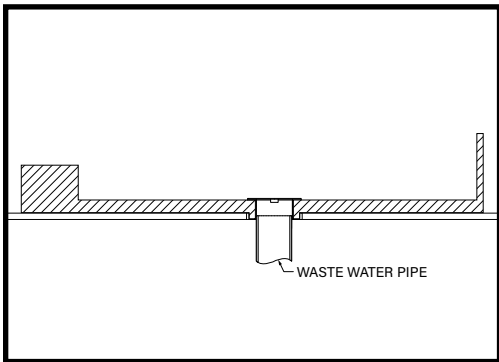


**Note for Redi Free® (Barrier Free) Pans Only:** If you purchased a Redi Free® barrier free (curbless) shower pan, your installation will require a recessed subfloor (in accordance with local codes) to match the depth of the front lip of the pan. Waterproof the seam between the pan and subfloor using waterproofing tape and a liquid-applied membrane.



2. To ensure a perfect fit, test fit shower pan drain housing into subfloor bore hole. Make sure the shower pan is aligned properly and fits snugly against the shower frame studs on all sides and corners. Ensure that the pan is level on the floor. There should be no movement or bulge.

**DO NOT NAIL OR SCREW INTO THE PAN. DO NOT SAND, CUT, OR MAKE ANY CHANGES/MODIFICATIONS TO THE SURFACE OF THE SHOWER PAN WHATSOEVER.**



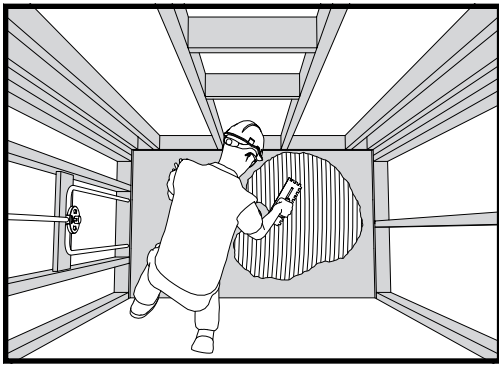
3. This step depends on whether there is access to the drain connection from below the subfloor:

- a. If there is access from the subfloor below, then cut a section of PVC drain pipe which is long enough to extend below the subfloor and easily make a connection to the waste water pipe. Brush primer and PVC adhesive (we recommend Oatey Hot Medium Blue Lava PVC cement or Oatey Medium Gray PVC cement) on the inside of the drain and outside of the cut drain pipe and quickly insert into drain connection. Then be sure the drain pipe extends far enough below the subfloor so it can be conveniently connected to the waste water pipe following the installation.
- b. If there is no access from the subfloor below, then make sure the drain pipe stubbed up from the subfloor is adjusted to a height sufficient to fit properly into the shower pan drain connection (approximately 3/8" for circular drains and 1/2" for trench drains below the substrate floor). Brush primer and PVC adhesive (as described above) on the drain pipe stubbed up from the subfloor, then quickly insert the stubbed-up drain pipe properly into the shower pan drain.

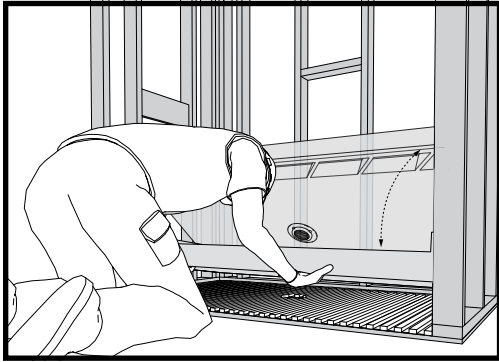


Please refer to the "Minimum and Maximum Pipe Height Tolerances" addendum chart for—this ensures proper pan fitting while avoiding excessive gaps between the subfloor and waste pipe that would otherwise need to be filled.

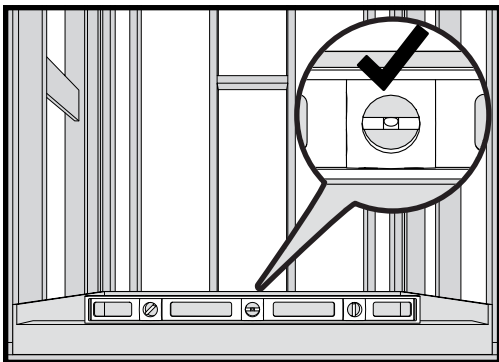
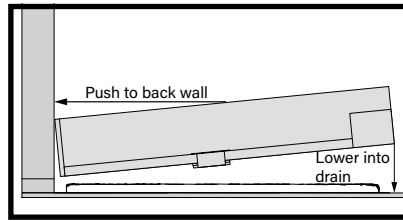
\*Creating a bore hole larger than 7" would void any warranty.



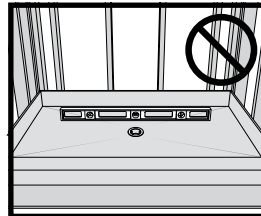
4. Using a ½" square notch trowel form a ½" thick modified thin-set bed on the entire shower enclosure substrate, making sure to apply the modified thin-set all the way to the edge of the drain bore hole.



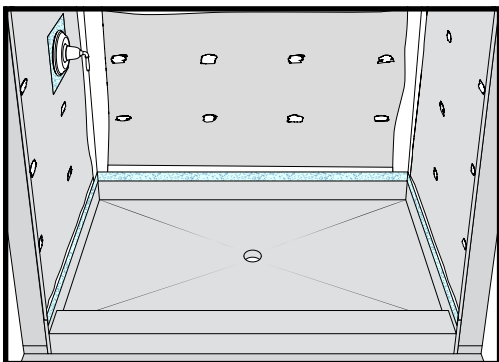
5. Place the pan on the thin-set bed and apply pressure or wiggle the pan a little to make sure the thin-set spreads out evenly under the pan so the pan makes proper contact with the modified thin-set. This process will ensure that the modified thin-set will fill in the footprint of the pan.



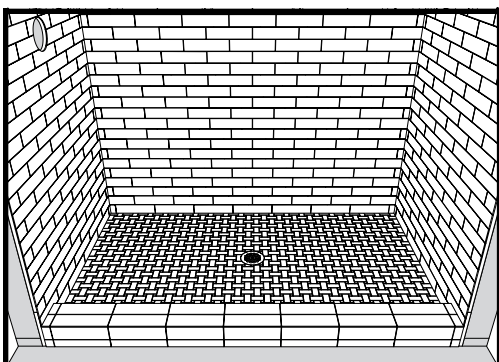
6. Using the level, ensure that the pan is level left to right, and front to back along the splash walls. Also make sure the pan is level left to right along the curb.



**DO NOT USE THE INSIDE OF THE PAN AS AN INDICATOR SINCE THE PAN IS PRE-PITCHED. DO NOT STEP INTO THE SHOWER PAN ONCE THE SHOWER PAN HAS BEEN SET AND LEVELED UNTIL THE THIN-SET HAS CURED COMPLETELY.**



7. Install Redi Wall boards or other backer board and water proofing in accordance with the manufacturer's instructions and the standards established by the Tile Council of North America. Seal and waterproof joints between Redi Wall or other backer board and the shower pan splash walls using Redi Flash®, Redi Sealant™, waterproofing tape, or 100% silicone. If you are not using Redi Wall and Redi Sealant, it is recommended to use a membrane or liquid applied waterproof product in addition to the Redi Flash, Tile Redi Tape Membrane, or 100% silicone. Allow the thin-set/sand mix to dry in accordance with the manufacturer's instructions prior to wall system installation.



8. Adjust the height of the drain as necessary to accommodate the floor covering. Set your tile using a white modified thin-set/tile mortar and a notched trowel as specified by the thin-set/tile mortar manufacturer based on your tile size. Tile Redi recommends the modified thin-set/tile mortar products found in table below.

Tile the rest of the shower.

\*\*Pipe adhesion code standards can vary. Please check local plumbing codes.

Tile Redi Approved Modified Thin-sets/Tile Mortars		
Laticrete Platinum 254	MAPEI Ultraflex LHT White	MAPEI Large Format Floor and Wall White
CBP Prolite White	MAPEI Ultraflex 1 White	MAPEI Porcelain Tile White
CBP Flexbond White	MAPEI Large Tile and Stone White	MAPEI Ultraflex LFT White
TEC Ultimate 6 Plus 487 White		

For a current list of Tile Redi Approved Modified Thin-sets/Tile Mortars visit [www.tileredi.com/thinsets](http://www.tileredi.com/thinsets) or scan the QR.



Minimum and Maximum Pipe Height Tolerances					
Pan Type	Drain Type	Min Sleeve Size	Max Sleeve Size	Min Pipe Height	Max Pipe Height
PVC	Compression	6"	7"	.125" below base top surface	2"
PVC	Solvent Weld	5.5"	7"	.25" below base top surface	2"
PVC	Cast Iron	6"	7"	.125" below base top surface	2"

⚠ CALIFORNIA PROP 65 WARNING: This product contains one or more chemicals, including Chromium, known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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