

Shower Pan Installation Instructions

This manual will give you basic instructions for the installation of Wiltcher Industries solid surface shower pans in a step-by-step sequence that will work in most types of installations. If you have an installation that is not covered in this manual, please contact Wiltcher Industries directly for additional information. Please inspect the shower pan for damage prior to installation. In cold environments allow the shower pan to acclimate to room temperature before installing.

Tools and Supplies Needed for Installation

- Level
- 5-gallon bucket
- Shims
- Thin-Set Mortar
- Drain Fitting
- 1/4" - 1/2" Grooved Trowel
- Plumber's Putty
- Tool for mixing Thin-Set Mortar
- Wrench
- Water
- 2" Drain Test Plug for Water Leak Test

Make sure to attach the drain fitting to the shower pan BEFORE installation.

Preparing the Installation Site

- Open the shower pan and inspect the product for any damage.
- If there is not any damage move the shower pan to the installation site.
- Clean and scrape the floor of the shower pan alcove, to get a proper adhesion with the thin-set mortar the space must be free of any debris
- Measure the size of the alcove to ensure that the pan and panels fit properly. Refer to the shower pan installation detail for the correct rough-in measurement.
- Trial fit the pan in the alcove and make sure that the drain location lines up properly with the shower pan. In three wall applications, the pan should slide in easily with approximately 5/16" - 3/8" spacing between the studs and the pan for a 5/8" substrate. Placing a level on the pan, check that the pan sits level on the floor. If needed use shims to level the pan in the alcove. Note the shim locations before removing the pan. Lift the pan out of the alcove and lean it on the back wall removing any shims that were used. This will ease the installation process and enable you to apply the thin-set without removing the pan from the alcove. (Neo angle pans are the exception and can easily be removed from the alcove before beginning the installation)

Installing the Pan

- Attach the drain fitting to the shower pan, following the installation instructions provided by the drain manufacturer.

In some cases self- leveling concrete may need to be applied to the shower alcove to bring the floor to level prior to applying the thin set mortar.

- Mix and apply the thin-set mortar to the floor using the grooved trowel, with a spread rate of approximately 1 lb. (dry pound) per square foot. Spread the mixture to achieve a depth necessary to fill any voids in the floor and enable the pan to sit level. All supporting points should have contact with the thin-set mortar.
- After applying the thin-set replace the shims (if necessary) in the proper location and set the pan into place.
- Make sure the pan is resting level on the thin-set and shims.
- After the pan is in place and level check each side of the pan that will have a panel attached and make sure that there is a 5/16" - 3/8" clearance between the wall studs and the extreme outside edge of the pan for 5/8" thick substrates. Do not nail or screw through the water dam (flange).
- Clean the area at the threshold of any excess thin-set. Allow the thin-set and shower pan to cure for 24 hours before working in the pan area. Be sure to protect the pan floor after installation using the corrugated pan insert provided with the shower pan until the complete project is finished.

WARNING

Before proceeding to install the wall system, water test the shower pan for leaks and proper drainage. Failure to conduct and document the water test will void the warranty.