INSTALLATION GUIDE

Quartz Shower Pan Installation Guide

Solid engineered quartz, CNC-machined to ±0.1mm with the slope cut directly into the surface. Follow this guide for a proper, long-lasting install.

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GETTING STARTED

Before You Begin

Your pan is CNC-machined from a single solid 1.25" (~32mm) quartz slab, with the drainage slope cut directly into the surface — there is no separate sloped underlayment or insert. Because the pan is one rigid piece and does not flex, it depends entirely on full, even support underneath it. Read this guide fully before starting.

⚠ **This is general guidance, not a substitute for local code.** Always follow your local building codes and your drain manufacturer's installation instructions. If you're not comfortable with this install, we recommend hiring a licensed installer.

⚠ Important Safety & Handling Notes

- Quartz pans are heavy — larger sizes can weigh several hundred pounds. Use two or more people to lift and carry.
- Never set the pan over voids or an unsupported subfloor. A full mortar bed under the entire pan is required.
- Inspect your pan immediately upon arrival. Do not install a damaged pan — photograph it and contact us within 48 hours.
- Wear gloves when handling the pan.

Tools You'll Need

- [ ] 4-ft level
- [ ] Margin trowel / notched trowel
- [ ] Tape measure
- [ ] Utility knife
- [ ] Mixing bucket & paddle
- [ ] Rubber mallet + wood block
- [ ] Caulking gun
- [ ] Shims
- [ ] Work gloves

Materials You'll Need

- [ ] LATICRETE LHT Plus mortar for the setting bed
- [ ] 1/4" concrete backer board (if installing over plywood)
- [ ] 100% silicone sealant, sanitary/mildew-resistant
- [ ] Waterproof sealant (Kerdi-Fix) for the board-to-pan joint
- [ ] Waterproof wall board/membrane
- [ ] Drain assembly matching your pan's drain type
- [ ] Drain gasket or plumber's putty
- [ ] Painter's tape (for clean caulk lines)

STEP BY STEP

Setting the Pan

1 Inspect & Confirm

Before doing anything else, inspect the pan for cracks, chips, or shipping damage. Confirm the dimensions, drain position, and drain type match your order. Keep it in its packaging until you're ready to set it.

2 Prepare the Subfloor

Confirm the subfloor is clean, dry, structurally sound, and reasonably level. For wood-framed floors, verify joists are properly spaced and blocked to support the pan's weight. Remove debris, old adhesive, or high spots.

If you're installing over a **concrete slab**, the mortar bed can be applied directly to the concrete. If you're installing over **plywood**, we recommend installing 1/4" concrete backer board first to give the pan a level, stable surface to sit on.

3 Dry-Fit the Pan

Before mixing any mortar, set the pan in place without adhesive. Confirm it sits correctly in the shower footprint, the drain aligns with your rough-in plumbing, and the pan is level front-to-back and side-to-side. Mark its final position.

4 Build the Mortar Bed

Mix LATICRETE LHT Plus mortar per the manufacturer's instructions. Spread an even bed across the **entire** footprint of the pan for full, consistent support. Leave slight clearance around the drain opening per your drain kit's instructions.



STEP BY STEP, CONTINUED

Setting the Pan

5 Set the Pan

Lower the pan into the mortar bed, aligning the drain first. Press down evenly, working from the center outward. Use a rubber mallet with a wood block if needed to fully bed the pan and release trapped air pockets.



6 Level & Confirm

Check level in both directions immediately after setting. Make only minor corrections with shims at the edges — don't rely on shims to correct an improperly prepared subfloor. Wipe excess mortar from the drain opening before it cures.

7 Let the Mortar Bed Cure

Allow the mortar bed to cure for at least 24 hours before applying weight, continuing tile work, or running water — follow your mortar manufacturer's specific cure-time instructions.

STEP BY STEP, CONTINUED

Finishing the Install

8 Overlap Your Wall Waterproofing

Your wall's waterproof board should run down and overlap onto the pan's edge, not just butt against it. Apply a waterproof sealant (Kerdi-Fix) along the edge of the waterproof board where it meets the pan to seal and adhere the joint. The linear strip attached to the pan should be fastened to the wall studs behind the waterproof board, not in front of it, with the board adhered over the face of the strip.



9 Install Wall Surround & Final Cure

Tile or panel your shower walls down to the pan's edge, leaving a small gap for a final silicone joint per standard tile industry guidelines. Allow full cure per your silicone manufacturer's instructions (typically 24–72 hours) before first use.

10 Connect the Drain

Install your drain body/strainer per the manufacturer's instructions for your drain type (round, square, or linear). Use the included gasket or plumber's putty for a watertight seal. Tighten snugly, but don't overtighten.

Care & Maintenance

- Clean with a non-abrasive, pH-neutral cleaner — avoid bleach, ammonia, and abrasive pads.
- Re-caulk the perimeter joint if you notice separation, gaps, or discoloration.
- Avoid dragging heavy or sharp objects across the surface.
- Solid quartz is non-porous and stain-resistant by nature — no sealing required.

Questions during installation? Email us at **CustomQuartzShowerPans@gmail.com** — we're happy to help troubleshoot.