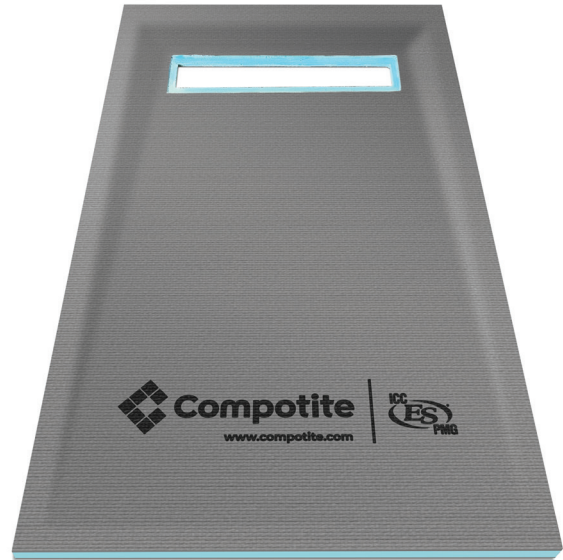


COMPOTITE

CEMENTITIOUS SHOWER PAN

STEP-BY-STEP INSTRUCTIONS FOR INSTALLING COMPOTITE CEMENTITIOUS SHOWER PANS

Compotite Cementitious Shower Pans provide a strong, durable, and waterproof base for shower installations. Proper installation using thin-set mortar and Compotite Elastiseal ensures long-lasting performance. These instructions are designed for professional tile installers and include best practices to achieve optimal results.



MATERIALS AND TOOLS REQUIRED

- ◇ Compotite Cementitious Shower Pan
- ◇ Thin-set mortar (ANSI A118.4 or A118.15 compliant)
- ◇ Compotite Elastiseal
- ◇ Waterproofing sheet membrane or liquid membrane (if applicable)
- ◇ Drain assembly compatible with the shower pan
- ◇ Notched trowel (1/4" x 3/8" or as specified)
- ◇ Flat trowel
- ◇ Mixing bucket and drill with mixing paddle
- ◇ Straight edge or level
- ◇ Utility knife
- ◇ Measuring tape
- ◇ Sponge and clean bucket of water

PREPARATION

1. INSPECT AND PREPARE THE SUBSTRATE ENSURING THE SUBSTRATE IS:

- ◇ Clean: Free of dust, grease, and debris.
- ◇ Flat: Level within 1/8 inch over 10 feet.
- ◇ Structurally Sound: Free of cracks or movement.

2. VERIFY SUBSTRATE SUITABILITY

- ◇ Concrete Substrate: Fully cured and dry.
- ◇ Plywood or OSB Substrate: Exterior grade only. Ensure adequate support and no deflection.
- ◇ Cement Board: Installed per manufacturer guidelines.

3. DRY FIT THE SHOWER PAN

- ◇ Place the Compotite Cementitious Shower Pan on the substrate to verify proper fit and alignment with the drain.
- ◇ Trim the edges, if necessary, using a utility knife.
- ◇ Check the slope to ensure water will flow correctly to the drain (minimum 1/4" per foot slope).

INSTALLATION PROCESS

1. INSTALL THE DRAIN ASSEMBLY

- ◇ Position and secure the drain assembly according to the manufacturer's instructions.
- ◇ Ensure the drain flange is flush with or slightly recessed into the substrate to accommodate the shower pan.

2. PREPARE AND APPLY THIN-SET MORTAR

- ◇ Mix the thin-set mortar as per the manufacturer's instructions.
- ◇ Using a notched trowel, apply a consistent layer of thin-set to the substrate where the shower pan will be placed.
- ◇ Comb the mortar with the notched side of the trowel to create uniform ridges.

3. INSTALL THE CEMENTITIOUS SHOWER PAN

- ◇ Carefully place the shower pan into the thin-set, aligning it with the drain assembly.
- ◇ Press the pan firmly into the mortar to ensure full contact and eliminate voids.
- ◇ Use a straight edge or level to check for even placement and proper slope toward the drain.
- ◇ Adjust as necessary before the thin-set sets.
- ◇ Seal the Perimeter and Seams with Compotite Elastiseal
- ◇ Apply Compotite Elastiseal along the perimeter where the shower pan meets the walls.
- ◇ Use Elastiseal to seal any joints, seams, or small gaps between the pan and adjacent components.
- ◇ Spread Elastiseal with a flat trowel for a smooth, consistent seal.

WATERPROOFING (OPTIONAL)

USING A SHEET MEMBRANE

- ◇ Cut the waterproofing sheet membrane to fit the shower pan, extending it up the walls by at least 4 inches.
- ◇ Apply thin-set mortar over the shower pan and walls.
- ◇ Press the membrane into the mortar, ensuring full contact.
- ◇ Seal the edges with Elastiseal, especially at corners and transitions.

USING A LIQUID MEMBRANE

- ◇ Apply the first coat of liquid membrane over the shower pan and up the walls.
- ◇ Allow the first coat to dry, then apply a second coat for full coverage.
- ◇ Reinforce corners, seams, and joints with Elastiseal.

FINAL STEPS

1. INSPECT THE INSTALLATION

- ◇ Verify the shower pan is level, properly sloped, and securely adhered to the substrate.
- ◇ Ensure all joints and seams are fully sealed with Elastiseal.

2. ALLOW FOR CURING

- ◇ Allow the thin-set mortar and Elastiseal to cure according to the manufacturers' recommendations before proceeding with tiling.

3. CONDUCT A FLOOD TEST

- ◇ Perform a flood test to ensure the waterproofing system is intact and free of leaks. Follow local building codes for flood testing procedures.

4. PROCEED TO TILE INSTALLATION

- ◇ Once the waterproofing system is confirmed, proceed with tiling using appropriate thin-set and grout.

BEST PRACTICES

- ◇ **Pre-Mix Materials:** Mix thin-set and Elastiseal in small, manageable batches to prevent waste.
- ◇ **Work Methodically:** Install the shower pan immediately after applying thin-set to avoid premature drying.
- ◇ **Check Slope Continuously:** Regularly verify the slope during installation to ensure proper drainage.
- ◇ **Clean Excess Material:** Wipe away excess thin-set or Elastiseal during installation for a clean and professional finish.

By following these detailed instructions, professional tile installers can achieve a secure, watertight, and durable installation for Compotite Cementitious Shower Pans.