

Universal Installation Guide for Artificial Stone Shower Walls

1. Overview

This installation guide applies to most artificial stone (solid surface) shower wall systems. It includes two common configurations:

- 60 x 75 x 36 inches
- 60 x 96 x 36 inches

For both configurations, each package contains four panels:

- Two side panels (one-piece each)
- One back wall consisting of two vertical halves (center-split)

Please read this guide carefully before installation to ensure optimal performance and longevity.

2. Safety Precautions

- Ensure power and water are turned off before installation.
- Wear protective gloves and safety glasses, especially when cutting panels.
- Always carry panels with two people to prevent injuries and material damage.
- Do not modify structural walls without proper authorization.

3. Required Tools & Materials

- Level
- Drill & screws
- Tape measure
- Neutral-cure silicone sealant (mildew-resistant)
- Sealant or caulk for joints
- Cutting tool suitable for artificial stone
- Hole saw (for plumbing openings)
- Cleaning cloth & alcohol
- Support braces or clamps (if needed)

4. Pre-Installation Preparation

1. Inspect the wall surface: The substrate must be solid, dry, clean, and flat.
2. Measure the installation area: Record height, width, and locations of plumbing fixtures.
3. Dry-fit the panels: Ensure proper alignment and confirm cutouts match plumbing.
4. Clean the substrate: Remove dust, grease, and moisture.

5. Cutting the Panels

1. Mark the cut lines based on measurements.
2. Cut along the lines using appropriate cutting tools.
3. Use a hole saw to create openings for shower valves, showerheads, or body jets.
4. Sand the edges to smooth out any roughness.

6. Installation Steps

6.1 Apply Sealant to the Back of the Panels

Apply neutral-cure silicone sealant in vertical beads or in a dotted pattern across the back surface.

6.2 Install the Side Panels

1. Align the bottom of the panel with the shower base or tub edge.
2. Press the panel firmly against the wall.
3. Use a level to verify vertical alignment.
4. Repeat for the opposite side panel.

6.3 Install the Back Wall (Two-Piece Center Split)

1. Place the left half of the back wall into position and press firmly.
2. Install the right half, ensuring the center seam aligns tightly.
3. Adjust both halves until the seam is straight and smooth.

6.4 Support and Cure

Use temporary bracing or clamps for 12–24 hours to secure adhesion.

7. Sealing the Joints

1. Apply mildew-resistant silicone along all seams, including:

- Vertical center seam of the back wall
- Vertical seams where side panels meet the back wall
- Bottom edge where panels meet the base

2. Smooth the sealant for a clean appearance.

8. Corner Trim and Finishing Trim (Optional)

Install inside or outside corner trims to enhance waterproofing and appearance. Apply silicone and press trims firmly into place.

9. Hardware Installation

1. Install shower valve trims, handles, brackets, and accessories using pre-cut holes.

2. Avoid overtightening fasteners to prevent panel damage.

10. Cleaning and Quality Check

- Clean the surface with alcohol or mild cleaner.
- Verify all joints are sealed properly.
- Ensure all panels are fully adhered and have no hollow spots.

11. Maintenance Recommendations

- Inspect silicone joints regularly and reapply when needed.
- Avoid using acidic or abrasive cleaning products.
- Use soft cloths or non-abrasive sponges.

12. Troubleshooting

Issue: Panel movement or hollow sound

Cause: Insufficient adhesive or incomplete curing.

Solution: Reapply adhesive and secure panel until fully cured.

Issue: Mold on seams

Cause: Aged or damaged sealant.

Solution: Remove old sealant and reapply mildew-resistant silicone.

Issue: Rough or chipped edges after cutting

Cause: Dull blade or improper cutting technique.

Solution: Replace blade and smooth edges with sanding tools.