

REVERSE INSTALLATION INSTRUCTIONS

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Information

Reverse is a modular porcelain system made up of two complementary pieces.

- **Frame:** A square shaped piece measuring 9"x9"x11.5mm with a central opening.
- **Inset:** A solid piece measuring 5"x5"x13mm, designed to be installed inside the Frame or independently.

Both pieces are made of extruded porcelain stoneware, a high-performance material with excellent mechanical strength and low water absorption, ideal for both indoor and outdoor use. The product is glazed on all sides except for the back, ensuring a flawless aesthetic finish even when the Frame is installed alone, leaving the central opening empty to reveal the paint or wall finish behind it.

Surface Preparation

Before installation, the substrate must be:

- Clean, sound, dry, and free of dust, grease, or any construction residues.
- Leveled, with a maximum tolerance of 1/16" per linear yard (approximately ± 2 mm per meter).
- In case of irregularities, apply a suitable leveling mortar before starting the installation.

Adhesive Selection

Due to the extruded porcelain nature of the material and its low porosity, it is recommended to use an improved cement-based adhesive type C2TES1 (according to UNE-EN 138002), which provides:

- Excellent adhesion on low-absorption surfaces.
- Reduced slip and extended open time.
- Good deformability and thermal resistance.

Installation Process

Adhesive Application

1. Spread the adhesive onto the substrate using a notched trowel (1/4"-3/8").
2. For smaller formats or combined installations (Frame + Inset), the double-bonding technique is recommended (apply adhesive both on the wall and on the back of the tile).
3. Press the tile gently, applying slight back-and-forth movements to eliminate air pockets and ensure even adhesion.

Combined Application | Option 1

1. First, install the Frame, and once it is properly set, insert the Inset piece into the central opening.
2. Maintain a minimum joint width of 1/16" (≈ 2 mm.) between pieces and adjacent tiles.
3. Align the joints carefully to ensure a continuous and harmonious layout.

Frame Only Application | Option 2

4. In this case, the central opening remains empty, allowing the wall color or paint to show through.
5. To prevent adhesive from staining or covering the opening, apply the adhesive only on the back of the Frame, avoiding the inner opening and the wall area.
6. This ensures that the glazed inner edges of the frame remain perfectly visible, highlighting the wall color through the central space.

Technical Tip: For a clean and durable background color, it is recommended to use a washable paint or a moisture-resistant wall finish.

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Final Recommendations

- Avoid direct impacts on the inner edges of the Frame.
- Do not use metal tools that may damage the glaze.
- Verify the arrangement and color combinations before final installation.
- Leave perimeter movement joints every 32 sq. ft. ($\approx 3 \text{ m}^2$) or according to the adhesive manufacturer's recommendations.
- For the Frame only option, ensure that the painted wall behind the opening is completely dry and free of dust before installation.

Technical Assistance

For questions, contact us at info@creativematerialscorp.com or 800.207.2967 and a Creative Materials consultant will assist you further.