



INFORMATION & GUIDELINES FOR THE INSTALLATION OF TIFFANY GLASS TILES

RECOMMENDED INSTALLATION

SOLI Tiffany glass tiles are colorful, beautiful and meticulously handcrafted. They can be used to create accents or borders on any vertical surface, as well as cover large areas due to their mesh mounted backing and interlocking pattern. Install indoors and out, pool side, on backsplashes, tub and shower surrounds and more.

SUBSTRATES

All substrates should be firmly fixed, flat, clean, dry and free of contaminants such as dust, oil, paint, sealers etc. to ensure proper adhesion. Painted surfaces must be scuffed or sanded for the product and adhesive to bond correctly. Wet areas need special attention and require appropriate substrates, e.g. concrete, cement boards (compressed sheet), and/or treated plywood. The use of reinforced waterproof membranes is suggested, and in the case of floors, a fall to the drainage point of no less than two inches.

WATERPROOF MEMBRANES

Waterproof membranes prevent leakage of water through to the sub-floor framing and/or habitable spaces below. Particular attention must be paid to carrying the membrane up the wall, outside shower boxes, installation of bond breakers, and sealing around penetrations. It is strongly recommended that membrane systems be used in all wet areas. Some systems may involve the use of a primer.

CURVED SURFACES

SOLI Tiffany 3/8" square mosaic tiles can be installed around gently curved surfaces. However, the Tiffany offset series do not flex as easily due to the length of each bar and its rectangular pattern. Some alterations of the tile may be required in order to create uniformity.

CUTTING

The glass can easily be cut with a glass cutter or nippers. The mesh back can easily be cut with a utility knife.

ADHESIVE

Follow the adhesive manufacturer's instructions carefully. We do not recommend one brand of adhesive over another. Please check with your local tile supply store for alternative and comparable products.

The manufacturer's literature will explain if the adhesive product is suitable for interiors and/or exteriors, as well as walls and floors. Most thinset mortars with a latex additive (multi purpose and polymer modified thinsets) are adequate for installing glass. A cement-based adhesive is generally suitable on masonry substrates where no movement is anticipated. Where slight



movement could occur through thermal or pedestrian loads, a modified cement adhesive should be used as a minimum. A 1/4" – 1/8" notch trowel is recommended for most applications. Set the tile in place gently tapping it in with a grout float to ensure 100% adhesive coverage. Suggested adhesives include but are not limited to:

Mapei: Adesilex P10 (bright white) non-sag mortar for glass tile. Mix with water or Keraply.

Mapei: Kerabond Premium Dry-Set Mortar (Ker 102) mixed with Keralistic Mortar Admix (Ker 310).

Custom Building Products: Premium Plus Thin-Set Mortar (white) mixed with Custom Flex Ultra-Strength Thin-Set Additive.

Custom Building Products: MegaFlex Ultimate Thin-Set Mortar (white). No admixture is necessary.

Hydroment: ReFlex Ultra-Premium Latex-Modified Thin-Set Mortar. No admixture is necessary.

Laticrete: 254 Platinum Multipurpose Thin-Set Mortar. No admixture is necessary.

TEC (H.B. Fuller): Super Flex Premium Performance Universal Latex-Modified Thin-Set Mortar. No admixture is necessary.

GROUTING

Non-sanded grout is recommended due to the size of the joint in between each piece of glass. Grouts are ordinarily a water mix, but where some flexibility may be needed, a latex additive or similar product should be used.

SEALANTS

The glass tiles do not have to be sealed but we strongly recommend sealing the grout after installation to help prevent it from absorbing stains.

CARE & CLEANING

SOLI Tiffany Glass tiles must be regularly cleaned and maintained to extend the life and beauty of the tile. The tiles can be cleaned with a neutral mild detergent, or glass cleaner. Any spills should be cleaned quickly to lessen the degree of the stain to the grout. Do not use abrasive cleaners, powders, scouring pads, steel wool or sandpaper.