

INFORMATION & GUIDELINES FOR THE INSTALLATION OF ATLANTIS GLASS

RECOMMENDED INSTALLATION

Atlantis Glass Mosaic tiles are designed for almost any commercial and residential interior and exterior application including walls, ceilings, countertops, backsplashes and more. It is not recommended for areas that may be subject to heavy impact, heavy abrasion, and areas where temperatures can exceed 130 degrees Fahrenheit.

This mosaic is also suitable for all water features, including fountains, pools, spas, showers and steam rooms.

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.

CUTTING

The individual glass pieces can be cut with a curved splitting clamp or a glass cutter. The mesh back or plastic front 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.

Please note: the mosaic sheets should be laid as tightly together as possible. We also recommend offsetting the sheets from row to row to prevent the appearance of seams.

GROUTING