



Kaiser Tile LLC
Brick • Stone • Wood

Mission Series by Solistone Field Tile

Inspired by the earthen landscape of Mexico and the vibrant colors of traditional Spanish style, the SOLISTONE Mission Collection is available in a variety of beautiful surfaces and sizes. These hand-painted tiles complement any indoor or outdoor application.

Substrates

All substrates should be firmly fixed, flat, clean, dry and free of contaminants. Deflections should be a maximum of $1/360$ of the span for walls and floors. Wet areas require special attention and appropriate substrates, e.g. concrete, cement boards (compressed sheet), and 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; including exterior suspended decking. Some systems involve the use of a primer.

Adhesive

The manufacturer's literature will explain if the product is suitable for interiors and/or exteriors, as well as walls and floors. A cement-based adhesive is generally suitable on masonry substrates where no movement is anticipated. It is important that each tile is embedded in the adhesive. An appropriate $1/4$ " to $1/8$ " notched trowel can be used to apply the thinset to no more than one square yard of adhesive at a time.

Grouting

Grout should be suitable for joints up to 3/4" in width and designed for external or internal conditions whichever may be the case. Sanded grout is generally recommended for any grout joint larger than 1/8". A sanded grout if applied harshly can scratch the tiles; carefully float in the grout to avoid abrasion.

It is important to wait the interval recommended by the adhesive manufacturer before grouting to minimize dirt ingress between the tiles and avoid the opportunity for dislodging of the tiles.

Sealants

To bring your application to its full potential, we recommend sealing.

Clear gloss or flat stone, non-yellowing professional acrylic grade sealants are available. There are many various products available on the market, however, we recommend contacting your nearest tile supplier for the most appropriate sealer for your application. Whenever using sealants, please ensure that you follow the manufacturer's recommended method of application.

Care & Cleaning

The Mission Tile Collection 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 and a soft cloth. Do not use abrasive cleaners, powders, scouring pads, steel wool or sandpaper. For tiles in higher traffic areas, keep surfaces clean from abrasive dirt.

Crazing

The development of cracks throughout the glaze of the Mission Tile Collection (also known as "crazing") is a natural occurrence in hand-painted ceramic tile. These small surface cracks do not affect the structural integrity of the tile, though they may eventually lead to discoloration. Crazing is considered to be a beautiful feature in our hand-painted tile, adding an aged, weathered appearance over time. No guarantee is made against crazing.

NOT RECOMMENDED FOR:

- Areas subject to heavy impact or abrasion

- **Floors and other heavy traffic horizontal surfaces**
- **Where temperature exceeds 130 degrees Fahrenheit**