

INSTRUCTIONS FOR USING OUR PRODUCTS

Installation should follow and be consistent with the standards A108, A118 and A136.1.

Substrate & Surface Preparation [ANSI Standard A108.02-4.1]

The substrate needs to be structurally sound, clean, dry, and free of any debris, including any paints, oils, drywall dust or other materials or contaminants that might interfere with the mortar bonding to the substrate. All surfaces should be plumb level and true with square corners.

Movement Joint Guidelines [TCNA EJ171]

Perimeter and field movement joints within a tile installation are essential and required. All joints in the structure should continue through the tile work. Minimum movement joint width for interior applications is ¼" wide. Sealants to fill joints are to meet respective application requirements.

Tile Preparation

The tile should be clean and free of any contaminants that might interfere with bonding to the mortar.

Thin-Set / Mortar Contact and Coverage [ANSI A108.5]

Average thin-set contact area shall be not less than 80% except on exterior or wet installations where minimum contact shall not be less than 95%. Coverage shall be sufficiently distributed to give full support to the tile with particular attention paid to support the corners of the tile.

Directional Troweling and Embedding Tiles

Mortar should be combed in a single direction perpendicular to the width of the tile. Tiles should be embedded - pressed or beat (using a rubber mallet) - into the mortar to collapse trowel ridges and to obtain a good contact between the tile and the mortar. Throughout the installation process random tiles should be popped-up to ensure appropriate mortar coverage and adhesion.

Spacing and Grout Lines

The use of tile leveling clips is recommended to ensure uniform grout lines, consistent tile spacing and to minimize lippage that can occur during installation.

Curing Time

Under normal circumstances, light foot traffic can be allowed after 48 hours.

Heavy traffic must be kept off the floor for no less than 72 hours.

Cold temperatures of 50 degrees F or below will slow the curing process.

The act of installation is considered acceptance of the product. Emser Tile shall not be responsible for installation that does not meet the standards promulgated by ANSI and TCNA, some - but not all - of which standards are described above. If unfamiliar with installation standards, please consult with a licensed professional tile contractor.