

ELEMENTS[®]

Tile & Plank *of nature*

Trowel Luxury Vinyl Tile and Plank M5 Adhesive

Acceptable Surfaces:

OSB, Plywood, Particle Board, Luan, Concrete. Do not bond to existing ceramic tile, vinyl flooring, cushion or sponge-back vinyl flooring and plastic laminates.

Surface Preparation:

Surfaces must be structurally sound, clean, dry and free from grease, oil, dirt, curing compounds, adhesives or any other contaminant that would prevent a good bond. All fasteners must be secure and set flush with the surface of the sub-floor. All expansion joints greater than 1/8 inch, unlevel edges, chips or dips should be filled with a Portland based patching or leveling compound. If a moisture reducer or blocker system is utilized, verify suitability of use and warranted performance. Bond testing must be performed. Glossy or painted surfaces must be sanded, stripped and cleaned of waxes, dirt or any contaminants. Concrete must be fully cured, not have excessive alkalinity (pH must be <9), and no moisture emissions that exceed 3 lbs/1000 square feet/24 hours (as measured by ASTM-1869-98).

Trowel Application:

Using a 1/16" x 1/16" x 1/16" square notched trowel, apply adhesive at the intersection of the chalk lines and spreading either one quadrant or one-half of the work area depending on the size of the room. Apply adhesive with notched side of trowel held at a 90-degree angle to the surface (as close to 90-degrees as you can, remembering the trowel is a measuring device), combing in one direction. Be sure to allow sufficient open time for all free water to flash off and the adhesive to dry to a tack, sufficient that the tile will not slide during placement. When the glue does not transfer to your fingers, it is ready. Do not use a fan to force dry the adhesive. Avoid dusty conditions that may reduce adhesive bond strength. Trowel recommendations are based on common practice.



Tile Installation:

After the adhesive has had sufficient open time, begin laying the tile at the intersection of the working lines. Be certain this tile is installed squarely on the lines. After the first tile is in place, begin laying tiles outward along both guidelines. Press tiles firmly against adjoining tiles and press into the adhesive. Begin stair-stepping the tiles into the field area. Maintain the square-ness of the installation by keeping tiles along guidelines.

Curing Time:

Roll installation with 3-section 100 lb. roller, and allow a minimum of 24 hours drying time in climate-controlled conditions before exposed to temperatures below 55 degrees F or above 95 degrees F.