



Technical Bulletin # 130

RE: PRO-RED WATERPROOFING MEMBRANE 963.

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As an Anti-Fracture Membrane

Force PRO-RED WATERPROOFING MEMBRANE 963 into cracks with the flat side of the trowel, roller or brush. Then, using a 3/16" x 1/4" (5 x 6 mm) V-notch trowel or 3/8" (9.5 mm) rough textured roller, apply additional material onto the substrate. If using a trowel, use the flat side of the trowel and flatten ridges to form a continuous, even coat of material. Membrane should extend beyond both sides of the crack a minimum of the diagonal measurement of the tile. Gaps between plywood sheets and where they meet walls should also be pre-filled with membrane. For continuous crack isolation cover the entire substrate with material. Material should be applied at least 30 mils wet film thickness.

As a Waterproof Membrane

All cracks in concrete up to 1/8" (3 mm) should be pre-filled with membrane prior application. Dampen all porous surfaces. Use 3/4" (19 mm) rough textured synthetic roller, or a 3/16" x 1/4" (5 x 6 mm) V-notch trowel. Heavily pre-coat corners and where floors and walls meet extending it 6" either side. For exterior change of plane embed 6" (15 cm) wide fiberglass mesh into the membrane in corners and where floors and walls meet. If using a trowel, spread material with trowel held at a 45° angle then flatten the ridges. If using a roller, apply continuous, even film with overlapping strokes.

Alternatively, an airless sprayer can used. The sprayer should produce between 1900 to 2300 psi, with a flow rate of 1.0 to 1.5 gpm and have a tip orifice size of .025 to .029. Apply a continuous film with overlapping spray. Initial membrane appearance is pink when wet and dries to dark red color.

After the first coat has turned red with no blushing or light pink showing, about 1 to 2 hours, visually inspect the film for integrity and fill any voids or pinholes with additional material and apply second coat at right angles to the first. Periodically check film thickness with a wet film gauge. The combined dried coating needs to be a minimum of 47 mils thick or mils when wet and should not exceed 125 mils wet film thickness.

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