Fracture Guard crack isolation membranes may be installed over any sound substrate normally acceptable to receive ceramic, quarry, porcelain and stone tiles and is ideal for residential and light commercial applications. When installed in accordance with manufacturer’s specifications, Fracture Guard will inhibit transferring of shrinkage and non-structural cracks caused by horizontal movement, when tile and stone finishes are used.

**USES**

**STEP 1**
Clean area to receive Fracture Guard membrane. Ensure there are no curing compounds or other bond-breaking materials. Floor shall be dry and dust free.

**STEP 2**
Apply Fracture-Guard 7000 with a 1/8” adhesive roller or 1/8” notched trowel. When using a roller, pull material like using a squeegee. DO NOT roll as in painting. Material should be the thickness of a dime (approx. 30 mils). A thicker coating will cure slower and may delay the overall installation. Thinner sections may reduce effectiveness of the membrane. Fracture Guard membrane requires no reinforcement fabric.

**STEP 3**
Keep Fracture Guard membrane a minimum of 6-8 inches from the wall and all penetrations through the concrete surface. This will allow venting of any retained moisture and protect the base boards and wall surfaces. Allow material to dry 2-3 hours normally (at 70°F & 50% RH).

**CONSIDERATIONS**

Clean tools, hands and equipment with warm soapy water before the material has dried. Material that has dried is difficult to remove, remove while fresh. Good hygiene is recommended during and after application. Ensure good ventilation such as when painting. This will also help to accelerate drying of the membrane. Residual tack (stickiness) is common. To help lessen tack, lightly “dust” the surface with dry thin-set. Set tile with Merkrete 705, 7D10, 710, 720, 735, 750, 820 series thin-set mortars or 700 with 150 Latex or 442 Tuff Flex mortar additives. Consult manufacturer for any specific questions at (800) 226-2424.

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