



High Performance Moisture Mitigation

Application Instructions: Topical System

1. Bead blast the concrete slab to an ICRI #5 profile to create a porous, exposed capillary, slab.
2. Groove all saw cuts, cracks and control joints to a minimum ¼" wide by ½" deep. Vacuum and install a backer rod if required and a two part, moisture cured, polyurea joint filler / sealant.
3. Sweep and vacuum concrete substrate.
4. Using a low pressure sprayer lightly water down the clean concrete.

***NOTE:** If the water sits on the surface of the substrate, the concrete is not absorbing adequately.
Do not proceed until the concrete can be analyzed for contaminates.

5. After the pre-wet application of water has been absorbed, but not fully dried, use a low pressure sprayer to apply Barrier-1 A164 Penetrating Capillary Break to the surface. Spray in an even manner applying at a rate of 650 ft² per gallon. Measured sections in 650 ft² increments are suggested to assure correct coverage. Constantly broom out any puddles that may have formed until the Barrier-1 A164 Penetrating Capillary Break has been absorbed into the concrete slab.
6. After the first coat of Barrier-1 A164 Penetrating Capillary Break has been absorbed and is dry to the touch (1 to 3 hours), apply a second coat in the same manner as above, **without the pre-wet application.** Allow to dry 6 to 12 hours.
7. After the second coat of Barrier-1 has been allowed to dry and activate for 6 to 12 hours mix and apply a single coat of BondTite 1503 Coverage is 500 ft² per gallon. Measured sections in 500 ft² increments are suggested to assure correct coverage. Back rolling during the spray application is required. A ¼" nap roller 18" wide is recommended. Dampen roller with BondTite 1503 prior to rolling.
8. Apply cementitious self leveling underlayment complete with manufacturers recommended primer, to a minimum depth of 1/8". Allow to dry a minimum of 16 hours before installation of resilient flooring.

No moisture testing is required for the Barrier-1 High Performance Moisture Mitigation Topical System warranty to be issued.

This Topical System Can Only Be Installed By Factory Trained Personnel.

Barrier-1 Topical System Is A Complex Inorganic Formula That Contains Zero VOC's (Volatile Organic Compounds) And Has No Odor.

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