



HIGH PERFORMANCE
TOPICAL SYSTEM

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Application Instructions: Topical System

1. Follow Barrier-1 Topical System mixing instructions to prepare topical liquid before use.
2. Bead blast or grind the concrete slab to an ICRI #3 profile to create a porous, exposed capillary, slab.
3. 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. This procedure is not necessary on suspended slabs or slabs that are no "on ground".
4. Sweep and vacuum concrete substrate.
5. Apply the first coat of Topical System. 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" to ¾" nap roller 18" wide is recommended. Dampen roller with the Topical compound prior to rolling.
6. Apply the second coat after the concrete is allowed to dry 1 to 3 hours or until concrete is dry to the touch.
7. Allow to dry for 4 to 12 hours.
8. If required for flooring placement or as a wear layer, apply cementitious self leveling underlayment complete with manufacturers recommended primer, to a minimum depth of 1/8" or a skim coat of feathering cementitious underlayment. Allow to dry before installation of flooring.
9. Barrier-1 Topical System 1503 cannot be used as a wear layer and is not suitable for operational use prior to a wear layer being applied.

No moisture testing is required for the Barrier-1 High Performance 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).**