

Barrier-1 Topical System Scope of Work

1. Perform ASTM F1869-03 Calcium Chloride Test or, an ASTM F2170-02 Insitu RH test. Register the results of these moisture tests with Barrier-1 Inc.
2. Bead blast to ICRI # 4 profile to create a porous exposed capillary, slab.
3. V-Groove all saw cuts, cracks and control joints to a minimum ¼" wide by ½" deep. Vacuum and install a backer rod and Sikaflex-1c, single part, moisture cured, polyurethane joint filler / sealant.
4. Sweep and vacuum concrete substrate.
5. Using a low pressure sprayer lightly water down the clean concrete.
6. After the pre-wet application of water has been absorbed, but not fully dried, use a low pressure sprayer to apply Barrier-1 Topical System (**Part A**) to the surface. Spray in an even manner applying at a rate of 1 gallon per 250 square feet. Constantly broom out any puddles that may have formed until **Part A** has been absorbed into the concrete slab.

***NOTE:** If the surface of the substrate reveals a glass-like glaze, the concrete is not absorbing **Part A** adequately.

7. After **Part A** 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 8 to 12 hours.
8. Apply a cementitious underlayment and/or self leveling compound primer per manufacturers instructions.
9. Apply a cementitious underlayment and/or self leveling compound per manufacturers instructions.
10. Allow **Part B:** is dry (minimum drying is time for self leveling products is 16 hours).
11. **This topical system can only be installed by factory trained personnel.**

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