



Product Group: Vapor Lock™
Product Name: VL 30/30™

Moisture Remediation System
Vapor Lock 10/10™ & Lock the Top™
Self-Leveling Underlayment (SLU)

DESCRIPTION

A ready-to-use system consisting of Vapor Lock 10/10™ a clear, water-based transformative sealer designed for penetration through the application to the surface of concrete, above, on or below grade, interior or exterior and Lock the Top™ Self-Leveling Underlayment, a two component, high early strength self-leveling underlayment that is easy to use in the field.

BASIC USES

Vapor Lock 10/10™ can be brushed, rolled or sprayed on concrete for vapor proofing, waterproofing, sealing, hardening and dust proofing. Closes the capillary system of concrete eliminating the route of moisture vapor emission (MVE). Lock the Top™ Self-Leveling Underlayment (SLU) applied to the surface provides a water proof, dense, non-shrink underlayment for finished flooring.

MAJOR ADVANTAGES OF VL 30/30™

- ~Non-Toxic
- ~No VOC's
- ~Improves Indoor Air Quality
- ~Stops the route of MVE (moisture Vapor Emission)
- ~Allows the use of water-based moisture sensitive coatings and adhesives
- ~Treatment is permanent
- ~Effective as a negative side waterproofing against a hydrostatic head of over 115 ft/35 m
- ~Increases concrete density, hardness and longevity
- ~Improves the bonding of finished flooring
- ~Effective in reducing freeze-thaw issues
- ~Prevents chemical corrosion and physical abrasion of the treated surface
- ~Solvent-free, odor-free, non-toxic and non-flammable
- ~Ultra-violet stability

TECHNICAL AND PRODUCT DATA

Vapor Lock 10/10™ has been tested as a chemical hardener by the Schmidt hammer rebound test, contact factory for results.

Packaging 20L pails & 200L drum

Pot Life Indefinite

Flash Point None

Clean-up Water

APPLICATION INSTRUCTIONS

Treat control joints and cracks to ensure no moisture intrusion into the system, contact manufacturer as required. Mechanically scarify concrete to an ICRI #4-5. Remove dust and any loose material. Wet concrete with water using a low pressure sprayer, roller or brush. As water dries apply Vapor Lock 10/10™. Mix Vapor Lock 10/10™ thoroughly before using. Do not thin in any way. Vapor Lock 10/10™ is best applied by low pressure spray, although it can be applied with a roller or brush. If it is rolled on make sure to back roll to eliminate any Vapor Lock 10/10™ from sitting on the surface. Vigorously agitate with stiff bristled broom, allow Vapor Lock 10/10™ to penetrate concrete. Recoat areas that show signs of quick drying or absorption. Keep Applying until rejection. Flood to rinse using aggressive scrubbing through the process to make sure there is no residue or standing material of Vapor Lock 10/10™ left on surface. Allow to dry minimum 8 hours, fans may be used if required.

Inspect concrete to ensure there are no signs of moisture. Concrete must be dry prior to Lock the Top™ SLU installation. Installation steps:

1. Pour part B (Liquid) into 5 gal. mixing pail
2. Add accelerator or retarder to liquid if required, consult with manufacturer
3. Add part A (powder) into mixing container evenly while mixing at low RPM with a paddle mixer until a consistent mix with no lumps is achieved
4. Immediately pour over prepared area, screed or trowel to desired thickness
5. Repeat this process to keep a continuous flow of material until complete
6. Stop at control joints, walls or prepared stops.
7. Open to foot traffic in 2 hours, allow to dry 16 hours before flooring installation
8. Patch any installation marks or transition areas with Lock the Top™ Razor Edge Patching compound or other manufacturer approved material
9. Sanding is recommended for optimum substrate preparation

COVERAGE

Vapor Lock 10/10™ should be applied in one coat averaging 250 square feet per gallon (75 and 100sf/L). Lock the Top™ SLU will cover 0.35 cu. ft or 16 sf @ 1/4" thick per 40 lb unit.

SPECIAL HANDLING

Do not spray or allow overspray of Vapor Lock 10/10™ on glass or aluminum, it causes etching. Any compound sprayed on glass or aluminum should be immediately rinsed off. Do not allow Vapor Lock 10/10™ to puddle or allow water to stand on the surface immediately after application, it can leave a residue that is difficult to remove. Rinse the job thoroughly after application, if difficult residue is formed, try scrubbing with a stiff brush and water pressure. Vapor Lock 10/10™ should not be applied when ambient temperature is at or below freezing. Vapor Lock 10/10™ should not be applied where rain or other water is running over the surface or while there are puddles of water on the surface or when rain is imminent. Do not allow Vapor Lock 10/10™ to freeze and do not use any Vapor Lock 10/10™ that has been previously frozen.

Lock the Top™ SLU must not come into contact with any water prior to complete cure.

WARRANTY

The information herein is to assist customers in determining whether our products are suitable for their application. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to the contents and suitability. We warrant that our products will meet our written specifications. Nothing herein shall constitute a warranty expressed or implied, including any warranty of merchantability or fitness, nor is protection from any loss or patent to be inferred. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages.

If you are seeking a moisture sensitive coating Warranty you must contact manufacturer prior to installation of Vapor Lock 30/30™ system.

SAFETY

Please refer to SDS at www.spgGoGreen.com or contact manufacturer as necessary.