SILPRO

VAPOR HALT™ 125

Reduces Moisture Vapor Emission From 25lbs to 3lbs or Less
Can be Applied Over "Green" Concrete
High Alkalinity Barrier (pH 13-14)
Contributes to LEED Points
No Sand Broadcast
One Coat System
100% Solids

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Silpro Vapor Halt™ 125 is a high performance, two component, low viscosity, moisture tolerant, solvent free, epoxy based product that reduces the passage of water vapor and moisture through concrete slabs on or below grade. By controlling the passage of water vapor through concrete, **Vapor Halt™ 125** effectively eliminates delamination and degradation of adhesives, floor coverings, and floor coatings.

In as little as 12 hours, **Vapor Halt™ 125** reduces moisture vapor transmission levels of up to 25lbs per 24hrs per 1000sq. ft, to 3lbs or less (<99% RH to ≤ 75% RH), allowing the installation of most floor covering systems, including carpet, sheet vinyl, VCT, wood, laminates, epoxy, terrazzo, and other synthetic floor coverings.

Advantages

- 100% Solids
- Low Viscosity
- Does Not Support Mold Growth
- Minimal Downtime, faster installation
- Vapor and Water Barrier
- Solvent Free• Compatible with Most Flooring Systems

Typical Applications

Silpro Vapor Halt™ 125 is typically used on concrete slabs in industrial, retail, hospital, school, etc., applications for the following:

- **Water-vapor Transmission:** For use on concrete slabs, some cementitious underlayment (not gypsum) and ceramic tiles with absent or compromised vapor barriers under the slab.
- **Green Concrete:** For use on concrete as new as 5 days old to prevent high moisture levels from affecting the subsequent flooring. Shrinkage cracks in the concrete may still occur.

Note: Contact Silpro for below grade slabs, heated slabs, and garages.

Technical Data

Material & Color	2-component clear epoxy
Density	9.08lbs/gal (1.09± 0.02 kg/L)
VOC Content	0g/L
Volume Solids	100%
Flash Point	Part A >212°F (>100°C) Part B >248°F (>120°C)
Mixing Ratio	100:50 (by weight)
Viscosity	600±80 cps (mPa*s) at 77°F (25°C)
Pot Life, approx.	35 Minutes at 73°F (23°C)
Open to Foot Traffic	After 12 hours at 73°F (23°C)
Recoat Time at 73°F (23°C)	
Minimum	12 hrs.
Max	5 days, observe the dew point!
Working Temperature	Minimum 50°F to 95°F (10°C to 35°C)
Curing Temperature	Minimum 50°F (10°C)
Full Strength	After 7 days at 73°F (23°C)
Adhesion to Concrete	500 psi (3.5 MPa) @ 7d (dry concrete) Failure in substrate (ASTM D-4541 modified)
pH 14 Resistance	Pass 14 day test. (ASTM D-1308)
Average Critical Radiant Flux (CRF)	1.00 W/cm2 –Passed=non-flammable (ASTM E 648-03)

For installation, additional instructions, and 10 Year Limited Material Waranty, refer to the Vapor Halt™ 125 Data Sheet.