

PRODUCT DESCRIPTION

APF VaporSolve Tie Coat is a two-component, fast drying water-based epoxy formulated for use over non-porous surfaces such as VaporSolve systems when subsequent cementitious overlays are applied.

VaporSolve Tie Coat adheres tenaciously to properly prepared hard glossy surfaces and provides an excellent bonding surface for the overlay. It dries in 30-60 minutes depending upon conditions and is easy to use.

APF VaporSolve Tie Coat has been formulated for low viscosity and excellent substrate wetting capabilities to promote adhesion to existing VaporSolve surfaces. This product should be applied when the surface and ambient temperatures are between 50°F-85°F (10°C-30°C)

ADVANTAGES

- Allows the overlay of cementitious materials over APF VaporSolve systems.

PACKAGING

APF VaporSolve Tie Coat is available in 2.0 Gallon (7.57 L) units A+B. Mixing ration is 1A : 1B.

COVERAGE

Coverage Rate: 250-300 sqft/gallon (5-6 mils WFT)

SURFACE PREPARATION

Refer to Product Data Sheet {PDS} of previously applied VaporSolve product for recoat window once the product is dry to touch. Recoat within 24 hours; if the recoat window is exceeded, the surface must be abraded with 80-100 grit to a uniform gloss free and dust free texture prior to recoat.

MIXING

APF VaporSolve Tie Coat are packaged in premeasured kits. Mix each unit separately before combining components. Mix ratio is 1A : 1B.

Reduce with 10% water (approximately 12 oz. per mixed gallon). Mix again for 30 seconds.

Apply to floor immediately after mixing.

TECHNICAL DATA

Mixing Ratio by Volume	1A : 1B
Adhesion to VaporSolve LP	>450 psi
VOC	<50 g/l
Dry to Touch (77°F)	0.5 - 1 Hour
Working Time	0~ 10 - 15 Minutes
Recoat	~ 1 - 24 Hours

Higher temperature and lower humidity will shorten cure time.
Lower temperatures and higher humidity will increase cure time.

If 24 hour recoat window exceeded, substrate recoat preparation required.

APPLICATION

Pour material out of the pail on to floor immediately after mixing. Spread the product with a squeegee to achieve the coverage rate of no less than 250-300 sqft/gallon (5-6 mils WFT). An applicator wearing spiked shoes will back roll the wet material using a quality solvent resistant 3/8-inch nap roller cover to distribute the material uniformly. **The material must be thoroughly rolled twice to achieve optimal substrate wetting {using North-South, East-West Method.}**

Recoat within 24 hours; if the recoat window is exceeded, the surface must be abraded with 80-100 grit to a uniform gloss free and dust free texture prior to recoat.

LIMITATIONS

- Before applying, measure and ensure that the ambient temperature is at least 5°F above the dew point.
- High humidity/low temperature will prolong cure time
- Work life is considerably shortened over 90°F.
- Do not apply material if the humidity is over 80% and/or poor ventilation/limited air changes. Improper cure will result.
- Use of kerosene or propane forced air heating equipment during application may cause discoloration and finish defects.

SHELF LIFE

Part A: 12 months at 50-85°F { 10-30°C }

Part B: 12 months at 50-85°F { 10-30°C }

*When kept at recommended storage conditions and in original unopened containers. DO NOT ALLOW TO FREEZE. Frozen material is unusable and must be properly disposed of.

HANDLING, SAFETY & STORAGE

- Avoid contact with skin; wear protective gloves. Application personnel must read and fully understand product Safety Data Sheet before using. APF Safety Data Sheets are available at www.apfepoxy.com.
- Store away from heat sources. Store between 50°F and 85°F (10°C-30°C). DO NOT FREEZE. Frozen material is unusable and must be properly disposed of.

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STANDARD WARRANTY STATEMENT

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