

Floropoxy MVT Primer

Product Description: Floropoxy MVT Primer is a two component, 100% solids alkali resistant epoxy primer that provides superior protection to concrete surfaces subjected to MVT.

Typical Uses and Applications: Ideally suited for priming in commercial, industrial and institutional applications where Moisture Vapor Transmission may be an issue such as:

- Aircraft Hangars
- Chemical and waste treatment plants
- Detention facilities
- Hospitals
- Manufacturing plants
- Metal finishing and power generation facilities
- Warehouses

Product Advantages:

- Provides a primer that is highly resistant to MVT found on concrete substrates
- Solvent free
- 100% Solids
- For Interior use
- USDA, FDA, OSHA, EPA Compliant
- Part of the FloroProof MVT Mitigation System

Packaging:

- 3 Gallon Kit
- 15 Gallon Pail Set

Storage: All containers should be stored at 40° F to 95° F and be kept tightly sealed and out of direct sunlight.

Cured Physical Properties		
Sward Hardness, A/D	ASTM D2240	90/70
Tensile Strength	ASTM D2370	4,100 psi
Flexural Strength	ASTM D790	6,200 psi
Compressive Strength	ASTM D695	9,750 psi
Gloss	ASTM E97	95+

Coverage:

- For up to 6 pounds of MVT, spread at 160 SF/gallon for a 10 mil film
- For up to 8 pounds of MVT spread at 100 SF/gallon for a 16 mil film (2-8 mil coats may be necessary)

Note: Higher limits may be available upon request based on a complete review by the Florock technical department

Surface Preparation: New concrete should have a 28 day cure, and preferably a broom swept finish, prior to coating. In the case of older concrete flooring, remove all surface oils, paint, dust and debris. Prior to coating, make sure the surface is clean, passes the water drop test and that all surface defects have been repaired. Moisture testing should be done before applying Floropoxy MVT Primer.

Floropoxy MVT Primer Application:

Applied on smooth, bare concrete that has been shotblasted to a minimum of a CSP-3 profile.

Note: Floropoxy MVT Primer should not be applied when floor temperature is above 90° F or below 55° F, or when within 5° F of the dew point.

1. Primer Application: Once surface preparation is complete, blend Floropoxy MVT Primer and apply to the concrete floor. In a clean, dry container, blend 2 parts by volume of Resin Part A with 1 part by volume of Activator Part B. Mix thoroughly for 3-5 minutes using a low speed mechanical mixer. Transfer the mixture from the batch container to a transport container. Remix and pour entire mix from the transport container onto floor immediately. Retaining mixture in the bucket will shorten the pot life. Using a 1/8" V notched squeegee or 3/8" nap roller, apply basecoat at a rate of 100-200 SF/gallon. Backroll with a 3/8" nap roller immediately after spreading. Allow primer to cure before applying the chosen Florock system.

Note: When applying at 16 mils, it is best to apply the MVT primer in 2- 8 mil coats, wet on wet. The first 8 mil coat should be applied tight with a flat squeegee (no backroll) and allowed to set up for at least 1 hour. The second 8 mil coat should be applied with a flat squeegee and backrolled using a 3/8" nap roller. This process will help eliminate outgassing.

Note: If out gassing occurs, apply a second coat of MVT primer to address. Out-gassing or pin holes must be addressed before proceeding with flooring installation.

Note: The cure time will vary with conditions. Allow a minimum of 12 hours and a maximum of 24 hours before next step.

Note: Consult your Florock representative for compatible systems

Blended Components	
Thin Film (Resin without Aggregate)	
Blended Ratio	2:1
Induction Time	None
Pot Life, 15 lb mass	40 min.
Recommended Spread Rate	Varies
Cure Time at 70° F @ 50% RH using spread rate 150 SF/Gal	
Set to Touch	5-8 hours
Minimum Recoat	12 hours
Maximum Recoat	24 hours
Foot Traffic	24-72 hours
Floor and Air Temp. Limitations	55° - 90° F
Blended Viscosity	970 cps
Clean-up Solvent	MEK
N.V.W.	100%
N.V.V.	100%
Density	10.0 lb/gal
VOC	0 gpl
Recommended Thinner	None

Please read Safety Data Sheets before using product.

DISCLAIMER:

All preceding statements and recommendations are based on experience we believe to be reliable. The use or application of these products being beyond the control of the Seller or Manufacturer, neither Seller nor Manufacturer make any warranty, expressed or implied, as to results or hazard from its use. The suitability, risk and liability of a product for an intended use shall be solely up to the User.