FlexKrete™ Technologies
A div of Protective Products, Inc.

ISO 9002 COMPLIANT

FlexPrime

09-01-03

PRODUCT DESCRIPTION:

FlexPrime is a two component, modified polymer to be applied as a penetrating bond agent for concrete and steel. This primer promotes adhesion to damp concrete, helps eliminate pinholes caused by outgassing, and may be used over tightly adhered rust to halt the advancement of corrosion.

SURFACE PREPARATION:

Remove dust, dirt, oil, laitance, curing compounds, concrete sealer, etc, from concrete or masonry surfaces. Surfaces should be clean, dry, dense, and should be slightly roughened to acquire anchor profile. Surface may be damp, but not saturated or ponded. On re-bar or steel surfaces, any loose rust should be removed by blast or mechanical means.

APPLICATION:

Combine equal parts of Part A with Part B, using a power mixer, and mix for approximately two minutes. Do not add new material to previously mixed parts, and do not mix more than can be used within the pot life.

Brush or roll material onto the surface, working it into the substrate, leaving a smooth, thin coating, without ridges or puddles.

ORDERING INFORMATION:

Shipping Weight:
Wt. Per Gallon @ 77°F. 8.8 lbs.

Packaging:
2 gallon kits
10 gallon kits

PHYSICAL DATA:

Solids by volume	100%
Recommended Spread Rate (Wet/Dry mil-3-8 mils)	200-300 sq ft./ gal.
Mix Ratio by Volume	1:1 ratio
Flash Point	>200°F (93°C)
Weight Per Gallon (mixed)	8.8 lbs
MVT (ASTM E 96-80, perms	0.032
Pot Life (Pot life will be reduced in mixing container with large quantities).	10-15 min@ 77°F., 60% RH
Tack Free (to touch)	1-2 hours @ 77°F., 60% RH
Topcoat	At tack
Cleanup	Acetone
Shelf Life	1 Year

GENERAL SAFETY & HEALTH DATA:

Warning: Contact with skin or inhalation of vapors may cause an allergic reaction. Avoid eye contact with the liquid or spray mist.

Eye Protection: Safety glasses, goggles, or a face shield are recommended.

Skin Protection: Chemical resistant gloves are recommended. Cover as much of the exposed skin area as possible with appropriate clothing.

Respiratory Protection: Use a respirator approved for isocyanates and organic vapors. Consider the application and environmental concentrations in deciding if additional protective measures are necessary.

Ingestion: Do not take internally. It is believed that ingestion of polymeric isocyanates would not be fatal to humans, but may cause inflammation of the mouth and stomach tissue.

Polymeric products manufactured from these chemicals may present a fire hazard if improperly used. Each user of such products should determine whether there is potential hazard in each specific application and take the necessary precautions.