



TECHNICAL DATA SHEET

Flexkrete: FlexPrime

PRODUCT DESCRIPTION

FlexPrime is a two component, 100% solids primer with excellent wet out properties for deep penetration.

FlexPrime may be top coated or stand alone as a rust corrosion inhibitor.

FlexPrime component A is a brown colored liquid that has been chemically modified to be readily emulsifiable in water without the addition of surface active agents.

FlexPrime component B is a clear glyceryl tri-ester that will crosslink with the A component and enhance the chemical bond to FlexKrete.

FlexPrime is typically mixed as a 50/50 ratio, however, if the substrate has a high moisture content the A component can be increased to a 60% A, /40% B mix

FEATURES

- 100% solids
- Zero VOC's
- Highly elastomeric
- Meets USDA requirements for incidental food contact.

PHYSICAL PROPERTIES

SOLIDS BY VOLUME: 100%

RECOMMENDED SPREAD RATE (Wet/Dry mil-3-8 mils): 200-400 sq ft./gal.

MIX RATIO BY VOLUME: 1:1 ratio

FLASH POINT: >200°F (93°C)

WEIGHT PER GALLON: 8.8 lbs.

MVT (ASTM E 96-80, perms): 8.8 lbs. (4 kg)

SHELF LIFE: 1 year

CURING SCHEDULE

POT LIFE @ 77°F: 15-20 Minutes

(Pot life will be reduced if kept in mixing container).

NOTE: If the maximum coating time is exceeded, brush blast or abrade surface before recoating.

TACK FREE: 4-6 Hours

TOPCOAT: At heavy tack

CLEANUP: Acetone

PREPARATION

Remove dust, dirt, oil, laitance, curing compounds, concrete sealer, etc., from surface by power wash, acid etch, grit blast or profiling equipment. The prepared surface should be clean, dry, hard/dense, and should be slightly roughened. 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, then a full seal coat should be applied.

MAINTENANCE

If Polyurea Seal 100 is damaged and the surface has not been contaminated, it can be repaired by cutting out the damaged part and reapplying Polyurea Seal 100 to the cleaned section.

APPLICATION

Mixing Instructions: Combine equal parts of Part A with Part B, using a power mixer, and mix for approximately two minutes. A “buttery” looking mixture will result. Do not add new material to previously mixed parts, and do not mix more than can be used within the pot life.

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

SAFETY and 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.

Limitations: This product is for professional use only. • Minimum material/container temperature for application is 70°F. (21°C). • Avoid moisture contamination in containers. Containers should not be resealed if contamination is suspected. CO² created pressure can develop. Do not attempt to use contaminated material.

- Un-dried air exposed to liquid components will reduce physical properties of the cured coating.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

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