LIFE™

Product Specifications

#1588

Life Deck Specialty Coatings

FM System Base Coat

Description
A high build elastomeric acrylic material designed to absorb the fiberglass matting and adhere to the primer first coat in the Life Deck "FM System". For waterproofing concrete and plywood decks. Specially formulated acrylic resins and multidirectional chopped fiberglass unite to provide a tough yet flexible coating.

Use
As a flexible intermediate coating in the Fiberglass Mat Waterproofing System.

Advantages
- ✔ Superior adhesion
- ✔ 200% Elongation
- ✔ Bridges hairline cracks, fills pin holes
- ✔ Non-water absorptive
- ✔ Excellent low temperature flexibility

Finish Flat

Package Size Gallons, 5 Gallons

Color Tan

Surface Preparation
For maximum durability the surface must be clean, free of dirt, oil, chalk and other foreign matter.

Concrete, concrete decks, floors and walk ways
✔ New concrete must age for a minimum of 30 days. Cool temperatures and high humidity may require a longer cure time. Remove all grease, oil and wax with T. S. P. solution. (One pound of T. S. P. to 1 gallon of water.) Scrub with stiff broom until surface is thoroughly clean. Rinse thoroughly with clear water. Then etch all unpainted cement with 1 part 10% muriatic acid to 1 part water. Allow to stand 10-15 minutes then rinse clean with water. A properly etched concrete surface should resemble the texture of fine or medium sandpaper. Let dry thoroughly before applying coating.

Deck Preparation
✔ Seal all cracks in concrete or magnesite with a Life Deck approved caulk, then smooth the crack with FM #1577 Texture patching compound.

✔ Using FM reinforcing tape and FM base coat resin, cover large cracks in concrete of seams in plywood and smooth out with FM #1577 Texture patching compound.

Mildew
✔ DO NOT PAINT OVER MILDEW. Mildew is a fungus, brown, black, grey or even white in color, and will rapidly grow through any coating applied over it. A solution of 50% household bleach and 50% water will kill the mildew. Rinse thoroughly. See precautions on bleach label for handling before using.

Metal
✔ Metal must be free of rust. Clean and etch all new metal. Prime all bare metal with #1575 Primer.

Application Specifics
Important weather guidelines:
1. Apply on warm, clear, sunny days.
2. Do not apply under foggy conditions.
3. Do not apply when rain is forecast within 24 hours.
4. Do not apply if temperatures are expected to drop below 50°F within 24 hours.

Primer Requirements
✔ If the surface is either concrete of magnesite, the surface must be primed using FM #1575 Primer at a coverage rate of 200-300 square feet per gallon.

Technical Information

Type:	Elastomeric Acrylic Terpolymer	**Viscosity:**	100+ KREBS units at 77°F
Diluent:	Water	**Flash Point:**	200°F
Solids Content:	59-62% by weight 49-52% by volume	**Maximum V.O.C.:**	250 grams per liter

Fiberglass/Base Coat Resin

✔Position fiberglass over the entire area to be covered butting the seams together.
✔Stop the fiberglass at all expansion joints to allow for the proper joint caulk if needed.
✔Fray all outside edges of the fiberglass to insure penetration of the #1588 base coat resin.
✔Pour the FM base coat resin on top of the fiberglass, completely saturating it using pressure from a 1/2" nap roller. Coverage is at 40-50 square feet per gallon.
✔Roll entire area with an aluminum fiberglass roller to eliminate air bubbles and wrinkles.
✔Apply FM #1577 Texture patching compound to smooth out imperfections.

Clean-up

✔Warm water and soap.

Thinning

✔ Thin sparingly with water only if necessary to maintain workability.

Drying Time

✔ 6 to 8 hours depending on weather conditions. Cool temperatures or high humidity will slow dry time.

This product contains chemicals known to the State of California to cause cancer, birth defects and reproductive harm. The maximum V.O.C. of this product does not exceed 100 grams/liter. WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. Contact the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.