

PERMACOOL PRIMER

Elastomeric Primer for Modified Bitumen

Product Description

- ▶ PERMACOOL PRIMER is a proprietary, thin viscosity, water-based light gray material formulated with SuperTac™, a unique polymer resins blend, to provide superior adhesion to DERBIGUM® and DERBICOLOR® modified bitumen membrane systems.

Technical Characteristics

- ▶ Improves Adhesion:
Fills small surface irregularities and mechanical defects thus enhancing the coating system adhesion.
- ▶ Serves as a Base Coat Promotes even polymer distribution. The light gray color contrasts with the white finish coat to ensure proper coverage of PERMACOOL.
- ▶ Easy to Apply and Clean Up:
Apply with airless spray equipment (1 to 2 GPM; Tip Size: .015-.027) or roller. Clean up with water.
- ▶ Environmental Friendly and VOC Compliant
Water based material. No harmful fumes or dangerous chemicals.
Non-Combustible.

Application

The PERMACOOL System is applied by spray or roller in a two-coat application totaling 2.0 to 2.25 gallons per 100 SF. First, apply PERMACOOL PRIMER at a rate of 0.75 gallons per 100 SF on smooth Derbigum surface (1.0 gallons per 100 SF on DERBICOLOR granule surfaces). Allow to dry for 4 hours minimum. Then, apply PERMACOOL finish coat at a rate of 1.25 gallons per 100 SF and at a 90° angle to the Primer coat application direction. For DERBICOLOR spray application, the coating must be back rolled to avoid shading and voids. Allow to dry for 16 to 24 hours. Inspect surfaces and laps for insufficient coating thickness. Corrective action requires additional coating application. Additional coats may be applied at 1.0 to 1.25 gallons per 100 SF per coat.

Surface Preparation: Surfaces receiving the PERMACOOL System must be completely dry and free of dirt, debris, algae, mildew, oil, talc, exudates, loose granules, etc., which will inhibit adhesion. Membrane surfaces must be pressure washed (3,000 psi minimum) with a mild detergent, chlorine bleach and water solution. Use a stiff bristle broom to remove stubborn dirt. Repeat process until surface is clean. Rinse thoroughly. Allow surface to dry completely prior to application.

PERMACOOL is a UV radiant curing material and should be applied on warm sunny days for best results. Low temperatures, high humidity and overcast skies will inhibit curing and may result in wash off. Not for use in areas which pond water in excess of 48 hours. DO NOT apply below 50°F or above 100°F. DO NOT allow to freeze.

Exceeds ASTM D 6083, Standard Specification for Liquid Applied Acrylic Coating Used in Roofing¹.

¹ Except low temperature flexibility. See membrane Manufacturer's recommendations.

Product Information

Weight: 10.2 lbs./gallon (1.22 kg/L)
VOC: < 100 grams/liter
Flash point: non combustible

MSDS Available on Request at (800) 727-9872 or at www.derbigum.com.

Packaging & Storage

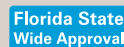
5 Gallon Pails (18.9 liters)
55 Gallon Drums (208.2 liters)

* This document cancels and replaces any other document published previously. All values shown are nominal and subject to normal manufacturing tolerances.



DERBIGUM®
MAKING BUILDINGS SMART

4800 Blue Parkway
Kansas City, MO 64130
Phone: 800.727.9872 / Fax: 816.924.1542
E-mail: info@derbigum.com Web: www.derbigum.com



WWW.DERBIGUM.COM