



Tech Data Sheet

ASPHALT & BLEED BLOCK PRIMER

P-305

Basic Uses & Description:

305 Asphalt & Bleed Block Primer is a water-based acrylic primer designed to control asphalt bleed-through and smooth granulated surfaces prior to silicone coating application. It fills surface voids on granulated modified bitumen, helping silicone coatings build to required mil thickness more efficiently. P-305 is a cost-effective priming option and is specified for warranty silicone systems over asphalt-based substrates.

Asphalt Bleed Control:

Blocks asphaltic compounds to reduce staining and discoloration of silicone coatings.

Surface Smoothing for Improved Yield:

Fills granulated valleys to improve silicone coverage efficiency and help achieve required mil builds.

Warranty-Driven System Component:

Specified for warranty silicone applications over asphalt-based substrates. Typical coverage: ~1.5 gal/sq on granulated surfaces and ~1.0 gal/sq on smooth surfaces to support required silicone mil build.

Application:

SURFACE PREP:

Use a power washer and wire brush to thoroughly clean surface and ensure it is free from dirt, grease, oil, mold, algae, loose granules, loose paint, rust, excess chalk, and other foreign matter which could affect adhesion. Apply only at temperatures above 40°F and rising with less than 90% humidity and no threat of rain for 48 hours. Surface temperatures should be under 100°F to avoid premature curing. If the roof surface is hot, apply a light water spray to reduce its temperature.

APPLICATION:

305 Adhesion & Bleed-Block Primer should be applied to clean, dry, and sound asphalt-based substrates prior to silicone coating application.

Apply by spray, roller, or brush at the manufacturer's recommended coverage rate based on surface condition. On granulated or rough surfaces, apply sufficient material to uniformly coat and condition the substrate. Allow primer to dry completely before applying subsequent coating layers. Dry time will vary depending on temperature, humidity, and surface porosity.

TEST PROPERTY	TEST VALUE
Weight per Gallon	11 lbs per gallon
Solids by Volume	40% Nominal
Solids by Weight	44% Nominal
Service Temp	15°F to 180°F
VOCs	<50 g/l
Color	Light Grey
Cure Time	3-6 hours (77°F & 50% Relative Humidity)
Packaging	Tote, Drum, 5 & 1 Gallons
Application Temp	40°F to 120°F

Handling & Storage:

Clean up with soap and water.

Two years from date of manufacture. Store in a dry place between 60-90° F. Protect from freezing in shipment and storage.

Safety:

Causes eye irritation and may cause skin sensitization. Avoid contact with eyes and prolonged contact with skin. Avoid breathing vapors or mist. Wear appropriate protective gloves and eye protection during handling and application. Wash hands thoroughly after use. Refer to the Safety Data Sheet for complete safety, health, and environmental information.

FOR PROFESSIONAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

Packaging Sizes:

305 Asphalt & Bleed Block Primer comes in Totes, Drums, and 5 gallon containers.