



Bleed Block Primer

Yellowing Blocker Primer

DESCRIPTION

THERMOTEK® BLEED BLOCK PRIMER is a water-based acrylic roof-primer with excellent resistance to stop the yellowing in acrylics and silicone coatings, over asphalt systems substrates (modified torch and self-adhesive systems, BUR systems).

PROPERTIES:

Physical Property	Test Method (ASTM)	Value
Appearance	INTERNAL	LIQUID
Type	INTERNAL	WATER-BASED PRIMER
Color	INTERNAL	BLUE WHITE
Solids by weight, %	ASTM D-1644	40 - 42
Viscosity, Cps	ASTM D-562	2,000 - 6,000
pH	ASTM E-70	7.0 - 9.0
Density lb/gal (gr/ml)	ASTM D-1475	8.42 ± 0.1 (1.01 +/- 0.02)
Flash point	INTERNAL	NON-FLAMMABLE
Fungus resistance, rating	ASTM G-21	APPROVED

SURFACE PREPARATION

ALL ROOFS: If some areas hold excessive ponding water, they must be brought into conformance by installing proper drains. Roof surface must be clean, dry and free of any oil, grease, dirt and any other contaminants that could interfere with the proper adhesion to the substrate; wash with clean water using a power washing machine (1 ft. away). Areas of algae, mildew or fungus on the roof membrane should be treated with a solution of 1-part household bleach and 3-parts water followed by rinsing with clean water using a power washer. If the roof contains grease spills, use mineral spirits and mop thoroughly. Any existing coating must be checked for good adhesion. Any loosely adhered coating must be removed by mechanical means such as wire brushing, sand blasting or scraping. Remove all silicone caulks and sealants; elastomeric acrylic coatings and primers will not bond properly to any silicone product. Remove and replace deteriorated pipe boots and other flexible flashing materials. Ensure the substrate is structurally sound, fully cured and dry.

MODIFIED BITUMEN / ASPHALT BUILT UP ROOFS: Remove all the loose granules/sand with a brush and dispose of the waste (vacuum is an option for waste removal). New asphalt shall be exposed to ambient conditions for 90 to 120 days before coating. Surface must be prepared, cleaned and checked for compatibility.

YIELD

Yield of primer will vary significantly based on specifications and substrate type. The following yields are averages for the coating step only.

ROUGHNESS SURFACE: Apply one coat to 1 gal/SQ (1 gal/100 sqft), with brush, roller or spray.

USAGE

THERMOTEK® BLEED BLOCK PRIMER is designed to prevent the yellowing in acrylics or silicone coatings applied over asphalt waterproofing systems. This product can reduce the yellowing of the final coat by up to 80%.

ADVANTAGES

THERMOTEK® BLEED BLOCK PRIMER:

- Prevents staining of the final coating.
- Helps prolong the whiteness of the acrylic or silicone coatings.
- Easy to apply.

APPLICATION TOOLS

THERMOTEK® BLEED BLOCK PRIMER can be applied using brush, roller, conventional or airless spray (2000-3000 PSIS-.041 Type Size, 1-3GPM).

PACKAGING

Pail 5.0 GAL (18.93 L), Drum 55 GAL (208.17 L), Tote 275 GAL (1,040.87 L)

APPLICATION METHOD

Apply the appropriate primer to the substrate, with a brush, roller or conventional airless equipment. Roll or Spray equipment must be capable of 1,000 psi (6,980 kPa) Depending on the substrate, Spray tip with an orifice of .015" to .021" (.38 to .53 mm) and minimum 40 degree fan angles is recommended. Prior to application flush equipment with clean water to prevent contamination



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CAUTION:

THERMOTEK® BLEED BLOCK PRIMER should not be installed over cold storage tanks or buildings where a vapor barrier is required. THERMOTEK® BLEED BLOCK PRIMER will freeze at temperatures below 32°F (0°C), or when there is a possibility of temperatures falling below 40°F (4.4°C) within a 24-hour period after application. Cool temperatures and humid weather retard the cure. Do not apply if weather conditions will not permit the complete cure. THERMOTEK® BLEED BLOCK PRIMER should never be exposed to ponding conditions. NOTE: For proper handling, refer to SDS. For specific information on safety, requirements refer to OSHA guidelines.

STORAGE

This product should be stored closed in a cool and dry place, preferably roofing. The storage temperature should be greater than 41° F (5 ° C) and below to 113 ° F (45 ° C). Shelf maximum storage is two years.

COVERAGE

Depending on specifications, warranty and type of surface it will cover from 2 gallons per 100 sq. ft. This may increase based on the roughness of the substrate to be coated.

FOR BEST PERFORMANCE

Do not apply at temperatures below 50 °F (10 °C) or above 104 °F (40 °C), or if cold weather, rain or fog is expected within 48 hours of application. Do not use in swimming pools or other submerged conditions where the coating will be exposed to strong oxidizers.

CERTIFICATIONS



⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
Master Builders Solutions Construction Systems US LLC • 889 Valley Park Drive
Shakopee, MN 55379 USA • Customer Service 1 (800) 433-9517 Technical
Service • 1 (800) 243-6739 • www.thermotekgroup.com

We as THERMOTEK GROUP guarantee that since our products are shipped from the production plant they will be free of manufacturing defects; all the recommendations contained herein follow tests we consider as reliable and are subject to change without prior notice. THERMOTEK GROUP does not assume any responsibility for coverage, performance on injuries resulting from storage, handling or use of our products. Liability, if any, is limited to product replacement, to the terms stated within the executed warranty. TDS V5 - 2016.05.