Cool-Sil™ Bleed Block Primer

since 1895

OVERVIEW & FEATURES

Cool-Sil Bleed Block Primer is a high quality, plasticizer free, single component, water based, acrylic primer. Bleed Block Primer is designed for application over smooth asphalt roof surfaces to enhance adhesion of silicone roof coatings. Bleed Block Primer is formulated to act as a barrier between the asphalt surface and the silicone roof coating to prevent yellowing of the coating due to asphalt oils migration. Bleed Block Primer can be applied with spray, brush, or roller. Spray application is preferred method.

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PREPARATION

Conduct a moisture survey prior to roof restoration and make any necessary repairs, including removal of any wet insulation and roofing materials, replacing with like materials. Allow repairs to cure completely. Confirm local water run-off ordinances and restrictions prior to cleaning. Carefully power-wash all surfaces with greater than 2,000 psi pressure to remove debris, rust, scale, dirt, dust, chalking, peeling or flaking coatings, etc. Do not force water into the roof system or damage roof surfaces. Wearing personal protective clothing and equipment, remove algae, mildew, or fungus with Garland D7 or Simple Green Oxy Solve, scrubbing with a push broom scrub brush. Rinse at least twice to be sure all cleaning agents and contaminants are completely removed to prevent adhesion issues. If the roof surface becomes contaminated with dirt, dust, or other particles at any time during the application of the Cool-Sil system, cleaning measures must be taken to restore the surface to a suitable condition.

APPLICATION

Cool-Sil Bleed Block Primer may be brushed, rolled, or sprayed on a clean, dry surface. Spray application is preferred. Apply Bleed Block Primer at a rate of 1 gallon per 100 square feet.

PRECAUTIONS

- Product application must not be done when rain or other conditions such as fog or heavy dew are possible within a 12-hour period.
- Surface must be clean and dry.
- Bleed Block Primer is water based and requires evaporation to cure.
- Material must cure for at least 24 hours.
- Low temperature and high humidity will slow the cure process. In these situations, even longer cure times will be necessary.
- Storage temperatures should be between 60-80°F (15.6-26.7°C). Indoor ventilated storage is recommended. Ensure job site storage is in a shaded and ventilated area. Do not store in direct sunlight.
- Shelf life in unopened containers is one (1) year from the manufacture date.
- Roof surface must be at least six Fahrenheit degrees or three Celsius degrees above the dew point and rising.
- Restrict coating application when the ambient temperature is not at least 50°F (10°C) and rising, or when the overnight temperature drops below 40°F (4.4°C).
- Restrict coating application when the ambient temperature is greater than 95°F (35°C).
- Coverage rates may vary based on surface condition/texture and do not take into account material loss due to spraying, surface texture, surface absorption, waste, etc.
- Note: Blistering will occur if top coat is applied over base coat that is not completely dry. Do not apply Cool-Sil Bleed-Block Primer if there is any moisture on the substrate or risk of precipitation.

PACKAGE SIZES

Cool-Sil Bleed Block Primer is available in 5 gallon containers.

Technical Data	Cool-Sil Bleed Block Primer
Color	Gray
Solid Content Volume (ASTM D2369)	50% (+/-2)
Viscosity	100 (+/- 15 KU)
Weight per Gallon	11.4 lbs (+/- 0.2)
Clean Up	Water
Shelf Life	12 months
VOC	<50 g/L

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