



# THERMO-SIL PRO™ BLEED BLOCKER TECHNICAL DATA SHEET

## Product Use and Design

Thermo-Sil Pro™ Bleed Blocker is a highly engineered acrylic singlecomponent, water-based primer designed for application over BUR, Mod-Bit, and smooth or mineral surfaced cap sheet. Thermo-Sil Pro™ Bleed Blocker is designed specifically to prevent asphalt bleed-through when applying Silicone coating systems over all asphalt substrates. Thermo-Sil Pro™ Bleed Blocker requires no inter-mixing and delivers fast-dry performance.

## Performance Characteristics

- Severe Hail Rated with LPA Roofing Foam and Coating System
- Superior exterior durability and UV light resistance
- Seamless, fully-adhered elastomeric membrane
- UL 790 Approved on multiple constructions
- Low temperature flexibility down to -15°F
- Low maintenance/renewable
- Water Resistant

## Application Equipment

Thermo-Sil Pro™ Bleed Blocker may be applied by brush, heavy duty paint roller or heavy duty spray equipment.

## Mixing Procedure

Thermo-Sil Pro™ Bleed Blocker should be lightly hand-mixed to uniformity prior to application.

## Surface Preparation

All surfaces must be clean, dry, free from oils and other contaminants. It may be necessary to power wash and/or prime to ensure adhesion.

## Product Application

Apply Thermo-Sil Pro™ Bleed Blocker apply on warm, sunny days, preferably in the morning hours to provide maximum dry time. Thermo-Sil Pro™ Bleed Blocker can be applied to a dry or slightly damp, but not wet, surface. Water must be swept out of all puddles prior to application. Stir thoroughly before application to achieve a uniform consistency. Under normal conditions, Thermo-Sil Pro™ Bleed Blocker will dry in 4 – 6 hours. Relative humidity and temperature will directly affect drying time. Avoid over application.

## Coverage

Recommended coverage rate of 1.5 - 2.0 gallons per 100 sq. feet per coat dependent upon roof porosity. Application rates may vary by surface, porosity and job conditions.

## Cautions & Recommendations

Thermo-Sil Pro™ Seam Sealer DO NOT APPLY IF TEMPERATURE IS BELOW 50° F OR ABOVE 110°F. DO NOT APPLY IF THERE IS A THREAT OF RAIN OR DEW WITHIN 48-72 HOURS. DO NOT ALLOW TO FREEZE. DO NOT THIN. DO NOT HEAT CONTAINER or store at temperatures greater than 120°F. Be sure the lid is tight and the pail is secured when transporting this product. Do not allow pail to tumble as this may loosen the lid and allow leakage or spillage to occur.

## Clean Up

Clean wet coating from hands and tools with soap and water. Dried coating on tools can be cleaned with mineral spirits or paint thinner.

## Shelf Life:

12 months from manufactured date when stored in unopened containers and between 35°F - 75°F. Refer to product packaging for manufacture date.

## Packaging

U.S. MEASURES: 5.0 Gallon Pails & 55 Gallon Drums

### Physical Properties

Properties	Test Method/Requirements	Value
Initial Viscosity:	Initial	6,000 - 8,000 (cPs)
Solids by %:	ASTM D-D2697	40% (±2)
Density:	ASTM D-D1475	8.80 - 9.1 lbs/gal
VOC:		<50 grams per liter
pH:		9.5 - 10.0

### General Health & Safety Precautions

This product is intended for use by trained professional personnel. Safety Data Sheets are available and any individual who may come in contact with these products should read and understand the S.D.S. In case of emergency contact CHEMTREC EMERGENCY NUMBER at (800) 424-9300.

**WARNING:** Avoid eye contact with the liquid or spray mist. Applicators should wear protective clothing, gloves and use protective equipment on face, hands and other exposed areas.

**EYE PROTECTION:** Safety glasses, goggles, or a face shield are recommended.

**SKIN PROTECTION:** Chemical resistant gloves are recommended. Cover as much of the exposed skin area as possible with appropriate clothing.

**RESPIRATORY PROTECTION is MANDATORY!** Respiratory protective equipment, impervious foot wear and protective clothing are required at all times during spray application. Contact Huntsman Building Solutions for a copy of the Respiratory Protection Program developed by OSHA.

**INGESTION:** Do not take internally. Consider the application and environmental concentrations in deciding if additional protective measures are necessary.

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