



# BLEED BLOCK SS 2075

## Technical Data Sheet

For Professional Use Only

## Water Resistant Acrylic Base Coat for Asphalt Surfaces

### Recommended Uses

ProRoof Bleed Block SS Base is designed as a base coat for application over smooth surface asphalt such as built up and modified bitumen substrates. ProRoof Bleed Block SS may be used in low areas and waterways when used in combination with reinforcing fabric. With a suitable top coat, it is an exceptional protective system for asphaltic membranes. Check with your Proguard Building representative for top coat recommendations.

### Description

- A high quality, plasticizer free, single component, water-based, 100% acrylic elastomeric coating
- Designed to provide maximum adhesion and bleed-through resistance over smooth asphalt even in the presence of water
- Designed to tolerate some standing water when reinforced with fabric
- May be used over smooth or granulated substrates
- Adheres to most Aluminized coatings (Adhesion should be verified prior to application)
- Formulated to act as a barrier to block discoloration
- Has the unique ability to “breath”, providing a completely watertight membrane while allowing trapped moisture to escape

### Colors

**Standard Colors:** IVORY - Satin Flat

### Packing/Shipping Information

## CONTAINER SIZES:

55 Gallon Drum (208.2 liters)

5 Gallon Pail (18.9 liters)

SHIPPING CLASS - 55

## Typical Properties

Property	Test Method	Results
Volume Solids	ASTM D-1653	50 +/- 2%
Weight Solids	ASTM D-1644	65 +/- 2%
Tensile Strength	ASTM D-2370	100 PSI +/- 25
VOC	EPA Method 24	< 50G Liter
Permeance	ASTM D-1653	3 Perms
Elongation	ASTM D-370	980% +/- 25%
Density	ASTM D-370	11.4 lbs per Gallon
Flashpoint	ASTM D-1310	< 212* F
Temperature Limit		0 F to 185 F
Low Temp Flexibility	ASTM D-522	Passes 180 Flex over $\frac{1}{8}$ Mandrel @ 30*F
Cure Time		24 Hours (depending on Temp & Humidity)
Dry Time		5 Hours at 75* F @ 50% M
Shelf Life		12 Months (unopened)

## Surface Preparation

**General:** Surfaces to be coated should be dry, free of dust, dirt, oil, peeling coating and other foreign matter.

**Environmental Conditions:** The product must not be applied when the ambient temperature is below 32\* F within 24 hours of application or the temperature will fall to within 5 degrees of the dew point within 6 hours after application. Do NOT apply in late afternoon if high moisture condensation on the surface overnight.

**Limitations:** Surface must be clean and dry. ProRoof Bleed Block SS Base 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. Note: Blistering will occur if top completely dry. Do NOT apply ProRoof Bleed Block SS Base if there is any moisture on the substrate or risk of precipitation. If applied where there is a risk of vapor drive, such as cold storage and refrigerated tank application there must be a suitable vapor barrier. ProRoof SS Bleed Block Base is not intended as a thermal barrier.

**Ponded Water:** Proguard warranties do not cover damage due to ponding water. The National Roofing Contractors Association considers ponding water on any roof unacceptable.

## Applications

This product may be brushed, rolled or sprayed on a clean, dry surface. In waterways or low areas material should be applied as follows:

- Apply ProRoof Bleed Block SS Base at a rate of 1 gallon per square foot.
- Optional: Immediately embed a layer of polyester fabric in wet coating
- Optional: Immediately apply a further application of ProRoof SS Base at a rate of 1 gallon per square foot
- Allow to cure for at least 24 hours

For details see Equipment Recommendations at the end of this sheet. It is critical that this be allowed to cure for a MINIMUM of 24 hours and even longer in cool or high humidity environments.

Note: Blistering will occur if top coat is applied over base coat that is not completely dry. If any contamination of a thoroughly cured surface occurs, it must be washed with a chemical cleaner before applying subsequent coats. Hand application can be done with squeegee and roller.

### Coverage Rate:

Apply ProRoof Bleed Block SS Base at a rate of 1 gallon per square foot. If granulated you may apply up to 1.5gal per square foot.

### Equipment:

Minimum Requirements:

#### Brush

- Synthetic filament

#### Roller

- 1 1/4 nap roller

## Spray

- Standard Contractor gun - no filters
- Pressure 3000 psi at 2.5 - 3.0 gallons per minute
- Tip .017 - .029 reversible, self-cleaning with 40-50\* fan angle
- 12 inch wand extension recommended 3/8" line for rated pressure

## **Safe Practices**

The product is designed for professional installation. Before working with this product, you must read and become familiar with the available information on its risks, proper use and handling. Information sources include, but not limited to, SDS and product labels. More resources are available at [proguardbuilding.com](http://proguardbuilding.com) or by contacting Proguard Building directly.

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