PROFESSIONAL ROOFING SOLUTIONS

BLEED BLOCK AC 2050

Technical Data Sheet

For Professional Use Only

Bleed Resistant, General Purpose Elastomeric Coating

Recommended Uses

ProRoof Bleed Block AC Base is designed as a base coat for application over metal, properly primed single ply and asphaltic surfaces such as asphalt emulsions. Use as a base coat under silicone coatings to prevent asphaltic oils migrating though the silicone, causing “coffee” staining.

Description

- A high quality, plasticizer free, single component, water-based, 100% acrylic elastomeric coating
- Designed to provide a long lasting flexible membrane with exceptional resistance to weathering
- Formulated with “bleed resistant” materials to block the bleed through of those asphaltic components that can discolor top coats
- Has excellent adhesion to most surfaces including metal, most single ply roofs, wood and concrete
- Has the unique ability to “breath”, providing a completely watertight membrane while allowing trapped moisture to escape

Colors

Standard Colors: WHITE, GRAY and TAN. Special colors are available for additional cost.

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	55 +/- 3%
Weight Solids	ASTM D-1644	68.4 +/- 3%
Tensile Strength	ASTM D-2370	310 PSI +/- 20%
VOC	EPA Method 24	< 50G Liter
Permeance	ASTM D-1653	9 +/- 1 Perms
Elongation	ASTM D-2370	315% +/- 20%
Hardness (Shore A)	ASTM D-2240	55 - 60
Viscosity		85 +/- 10 KU
Density	ASTM D-370	11.9 lbs per Gallon
Flashpoint		None
Shelf Life	Stored between 40 *F and 70** F	24 Months (unopened)
Clean Up		Water

Surface Preparation

General: Surfaces to be coated should be dry, free of dust, dirt, oil, peeling coating and other foreign matter. All wet insulation or foam should be removed and replaced with like materials. For optimal results power wash all surfaces with a minimum of 2000 psi using a wide fan tip. All necessary precautions should be taken to avoid damage to the roof system. Mildew should be treated with a bleach solution (1 part bleach, 2 parts water) and rinsed thoroughly. Patch and repair cracks or holes with appropriate sealants or caulking materials.

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 moister condensation on the surface overnight.

Limitations: Surface must be clean and dry. ProRoof Bleed Block AC 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 Bleed Block AC 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. For details see Equipment Recommendations at the end of this sheet. If sprayed, material should be at least 75* F. Before applying additional coat, the previous coat must be completely dry and cured. If any contamination is present on the cured surface it must be washed and completely dry before application of subsequent coats.

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.

Coverage Rate:

Apply ProRoof Bleed Block AC Base at a rate of 1.5 gallon per square foot (24 wet mils). Surface texture and wind will affect applied mil thickness.

Equipment:

Minimum Requirements:

Brush

- Synthetic filament

Roller

- 1 ¼ nap roller

Spray:

- 30:1 fluid to air ratio capable pump
- 2 ½ gallons or more per minute (continuous)
- Filter screen 30 mesh or larger
- Hose lining should be compatible with coating and required cleanout materials

- Hose rated to 2x maximum pump pressure
- Hose lengths: (largest diameter at pump)
  - ⅜ minimum 6 ft wip
  - ⅜ minimum I.D. up to 75 feet
  - ½ minimum I.D. up to 200 feet
- ¾ minimum I.D. over 200 feet
- Spray gun: Graco Hyrdra Mastic or Equivalent
- Spray Tip:
  - Reversible self-cleaning
  - Orifice size of .027 to .039
  - Fan angle of 40 *to 50** deg

Always use components rated for pump pressures

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 or by contacting Proguard Building directly.
