RC-1875

Silicone Bleed Blocker

RC 1875 Silicone bleed blocker is a high performing protective barrier for a variety of architectural surfaces and roofing substrates

RC 1875 Provides a long lasting, breathable, and flexible membrane to help block the asphaltic components that can discolor topcoats

TYPE OF APPLICATIONS:

- Modified bitumen
- BUR
- Asphalt Cap sheet

SURFACE PREPARATION:

Surfaces to be coated should be dry, free of dust, dirt, oil, loose granules, gravel, peeling coating and other foreign matter.

All wet insulation 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.

Form: #1875-Silicone Bleed Blocker Revision:04/18

RC-1875 Silicone Bleed Blocker Benefits

- **Versatile** - Single component water-based acrylic elastomer basecoat for spray, brush or roller application
- **Bleed Resistant** - Formulated with special materials to block the bleed-through of asphaltic components that can discolor topcoats
- **Excellent Adhesion** - Offers superior adhesion to asphaltic and other surfaces including metal, most single- ply roofs, wood and concrete
- **Breathable** – RC-1875 Bleed Blocker is part of a breathable coating system that allows trapped moisture to escape

Packaging and Colors

Bleed Blocker is currently available in the following **configurations:**
5 gallon pail (18.9 liters)

Colors

Asphalt Bleed Blocker is currently available as a stock color in ivory.

Typical Physical Properties

Typical physical property values of RC-1875 Silicone Bleed Blocker.

Typical Properties

Property (1)	Test Method	Result
Volume solids	ASTM D-1653	**55.0 ±3%**
Weight Solids	ASTM D-1644	**68.4 ±3%**
Tensile Strength	ASTM D-2370	310 ±20 psi
Elongation	ASTM D-2370	**315 ±20%**
Permeability	ASTM D-1653	9 ±1
VOE	EPA Method 24	**< 50 g Liter**
Hardness (Shore A)	ASTM D-2240	55 - 60 85 ±10 KU
Viscosity		11.9 lbs (5.4 kg) per gallon
Density		**None**
Flashpoint		**12**
Shelf Life		**months**
Clean Up		**Water**

Typical Dry / Cure Times

Yield 1 gal to 100 sq ft (1 gal to 9.29 sq m}	8.8 dry mils
Dry Time 75°F (24°C)	**90 mins@ 50% humidity**
Recoat Window	**>6 hrs**
Complete Cure	30 days

HANDLING and STORAGE:

This product is intended 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 are not limited to SDS and product labels.
Customers considering the use of this product should review the latest Safety Data Sheet (SDS) and label for product safety information, handling instructions, personal protective equipment if necessary, and any special storage conditions required. SDSs are available at www.inlandcoatings.com or, upon request. Use of other materials in conjunction with Inland Coatings products (for example, primers) may require additional precautions.
Please review and follow the safety information provided by the manufacturer of such other materials

Application Thickness

This product may be brushed , rolled or sprayed on a clean, dry surface. For details, see the Application Equipment section at the end of this sheet.

- If sprayed, coating substrate should be 45-167°F (7-75°C). 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.

Coverage Rate

Apply RC-1875 Silicone Bleed Blocker at the rate of 1.0 gallon per 100 sq ft (9.3 sq m) (16 wet mils). Surface texture and wind will affect applied mil thickness. Once completely dry, RC-1875 can be topcoated with RC-1800 Silicone Roof Coating.

Application Equipment

Brush

- Synthetic filament

Roller

- 1 1/4" nap roller

Spray

- 30:1 fluid-to-air ratio capable pump
- 2 1/2 gallons or more per minute(continuous)
- Filter screen 30 mesh or larger
- **Hose rated to 2x maximum pump pressure**
- Hose lining should be compatible with coating and required

cleanout materials

- Hose lengths: (Largest diameter at pump)
  - 3/8 minimum 6 ft wip
  - 3/8 minimum I.D. up to 75 feet (22.9 m)
  - 1/2 minimum I.D. up to 200 feet (61m)
  - 3/4 minimum I.D. over 200 feet (61 m)
- Spray gun: Graco Hydra Mastic or equivalent
- Spray Tip:
  - Reversible self-cleaning type
  - Orifice size of .027 to .039
  - Fan angle of 40° to 50°
- Always use components rated for pump pressures.