

PRODUCT FEATURES

- High-Solid Silicone
- Lasting Strength & Flexibility
- Excellent Flow & Leveling
- Durable
- Superior Adhesion
- Weatherproof
- One-Coat Application

TYPE OF ROOFING APPLICATIONS

- Polyurethane Foam
- Metal
- Single-Ply
- Modified Bitumen
- Smooth BUR
- Cured Concrete
- PVC

RC 1800 SILICONE ROOF COATING is a high solid, low VOC, one-part silicone elastomeric coating specifically designed for use in roofing applications as a protective coating over a variety of roofing substrates. Once cured this liquid applied silicone coating provides a durable, seamless, flexible, waterproof membrane that resists lateral movement, shear and will allow for normal expansion and contraction.

RC 1850 SILICONE SEAM COMPOUND is a high solid, low VOC, one-part silicone elastomeric flashing grade specifically designed for use in sealing roof penetrations, curbs, seams, flashing areas and any other roof top areas of possible water infiltration.

RC 1875 BLEED BLOCK is a multi-purpose acrylic primer developed to promote superior anchorage for roof coating topcoats over a variety of substrates. RC 1875 provides a long-lasting breathable and flexible membrane to help block the asphaltic components that can discolor topcoats.

PRODUCT RC 1800 SILICONE SERIES APPLICATIONS

RC 1800 SILICONE ROOF COATING

Silicone Durability—Cured silicone rubber exhibits excellent long-term resistance to natural weathering including: extreme temperatures, ultraviolet radiation, rain and snow.

Ease of Use—Can be applied with airless equipment, roller or brush.

Versatile Application—RC-1800 silicone roof coating is a single component material that requires no mixing of separate components and can be applied by spray, roller or brush.

High Build Formulation—Allows for single coat application.

Storage & Shelf Life—RC-1800 silicone roof coating can be stored in unheated warehouses during the cooler months without the risk of freezing. Shelf life is 12 months from date of manufacture when properly stored

TOTAL SOLIDS	96% ± 2 BY VOLUME / ASTM D2697
WEIGHT PER GALLON	10.7 LBS PER GALLON
FLASH POINT	>290° F
SHELF LIFE	12 MONTHS AT 50° - 85°F
VISCOSITY	9000-12,000 cps
ELONGATION	249% ± 50
HARDNESS	50 ± 5 SHORE A
TENSILE STRENGTH	325 psi ± 50
PERMEABILITY	4.2 PERMS
SERVICE TEMPERATURE	-50° - 200°F
THINNER	NOT RECOMMENDED
SOLAR REFLECTANCE	87%
THERMAL EMITTANCE	89%
CURE TIMES	2-8 HOURS
TACK FREE	1 HOUR
SKINOVER	30 MINUTES
VOC	<100 GRAMS PER LITER

RC 1850 SILICONE SEAM COMPOUND

Silicone Durability—Cured silicone rubber exhibits excellent long-term resistance to natural weathering including: extreme temperatures, ultraviolet radiation, rain and snow.

Ease of Use—Single component applied by trowel or brush.

High Build Formulation—Low sag.

Storage & Shelf Life—RC-1850 silicone seam compound can be stored in unheated warehouses during the cooler months without the risk of freezing. Shelf life is 12 months from date of manufacture when properly stored

TOTAL SOLIDS	95% ± 3 BY VOLUME / ASTM D2697-3
WEIGHT PER GALLON	10.7 LBS PER GALLON
FLASH POINT	>200° F
SHELF LIFE	12 MONTHS AT 50° - 85°F
VISCOSITY	150,000 cps
ELONGATION	275%
HARDNESS	50 ± 5 SHORE A
TENSILE STRENGTH	130
PERMEABILITY	4.2 PERMS
SERVICE TEMPERATURE	-25° - 175°F
THINNER	NOT RECOMMENDED
CURE TIMES	12-18 HOURS
TACK FREE	1-2 HOURS
VOC	<50 GRAMS PER LITER

RC 1875 BLEED BLOCK

Versatile—Single component water-based elastomeric 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 Asphaltic Bleed Block is part of a breathable coating system that allows trapped moisture to escape.

TOTAL SOLIDS	396% ± 2% BY WEIGHT ASTM D1644
WEIGHT PER GALLON	8.6 LBS PER GALLON ± 0.3
FLASH POINT	NONE
CLEAN UP	WATER
SHELF LIFE	12 MONTHS AT 40°-90°F
COLOR	BLACK or GRAY
VISCOSITY	650 ± 250 cP