



# TECHNICAL DATA SHEET

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## StormBreaker™ Silicone

### PRODUCT DESCRIPTION:

**STORMBREAKER™ SILICONE** is a one-part silicone elastomeric coating specifically designed for use in low slope roofing applications. 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. Mil for mil, **STORMBREAKER™ SILICONE** provides greater UV protection than similar silicone coatings and offers increased resistance to moisture penetration. **STORMBREAKER™ SILICONE** provides excellent long term protection through exceptional weatherability properties.

### RECOMMENDED USES:

**STORMBREAKER™ SILICONE** was specifically developed as a protective coating for EPDM, TPO, PVC single ply membranes, smooth BUR, granulated modified bitumen and sprayed-in-place polyurethane foam roofing. **STORMBREAKER™ SILICONE** is also used as a top coat over **STORMBREAKER™ ULTRA-URETHANE ALUMINUM** in the FM approved low slope system. With excellent adhesion to all substrates and exceptional durability, **STORMBREAKER™ SILICONE** is proven to provide excellent solar reflectivity, UV protection and long term waterproofing performance.

### APPLICATION INSTRUCTIONS:

**STORMBREAKER™ SILICONE** may be applied by medium nap rollers, soft brushes or conventional airless spray equipment. Apply **STORMBREAKER™ SILICONE** only to clean, dry, sound surfaces free of loose particles or other foreign matter. For best results, ambient temperature should be between 50-80°F. Higher temperatures will shorten the cure time and working time for proper application of granules before the material has skinned. Lower temperatures will lengthen the skin over, tack free and ultimate cure time. Sudden temperature declines may also result in dew formation on surfaces, which can prevent adhesion development. For best results, relative humidity should be above 20%. Lower humidity will slow the cure time significantly.

Apply **STORMBREAKER™ SILICONE** at the rate of 1.5 gallons per 100 sq. ft. per coat, Minimum dry mil thickness shall be above 25 mils. **PRODUCT APPLICATION SHOULD BE SUSPENDED IMMEDIATELY AND OUR TECHNICAL SERVICE PERSONNEL CONTACTED IF THE RESULTS BEING OBTAINED ARE LESS THAN DESIRABLE.**

### LIMITATIONS AND PRECAUTIONS:

Avoid contamination in sealed containers. Store away from heat, and sources of ignition. Refer to the SDS for more information.

### TYPICAL PHYSICAL PROPERTIES

#### TOTAL SOLIDS:

67% by volume ASTM D2697

#### WEIGHT PER GALLON:

10.3 lbs per gallon

#### FLASH POINT: 106° F

#### CLEAN UP SOLVENT:

Mineral Spirits

#### SHELF LIFE:

12 months @ 40°- 90° F

#### COLOR: White, or Gray

#### VISCOSITY:

7,500 ± 1500 cps Brookfield

#### ELONGATION: 318% initial

#### HARDNESS: 55 Shore A

#### TENSILE STRENGTH: 500 psi

#### PERMEABILITY: 2.1 perms

#### SERVICE TEMPERATURE:

-50° TO 200° F

#### THINNER:

Not Recommended

#### SOLAR REFLECTANCE: 87%

#### THERMAL EMITTANCE: 88%

#### CURE TIMES:

DRY TO TOUCH: 6 Hours

TACK FREE: 2 Hours

SKINOVER: 30 Minutes

#### ASTM D6694:

Meets or exceeds all requirements.

FM Global Approved; UL approved, Miami-Dade and FBC approved; Energy Star approved and CRRC listed.