



FBC Chemical Corp.
Asphalt Products Division

P.O. Box 599
634 Route 228
Mars, PA 16046
(724) 625-3116

STORM SEAL WHITE ELASTOMERIC ROOF COATING

Item Number: 88000

DESCRIPTION:

Storm Seal is a single component modified acrylic roof coating. This premium product is modified with rubber-like polymers designed to produce a tough, water resistant elastomeric coating. Storm Seal cures to a bright white monolithic membrane with exceptional tensile strength, high reflective value and excellent resistance to mildew or fungus growth. Storm Seal reduces interior temperatures and the effects of rapid thermal expansion and contraction.

USES:

Storm Seal has excellent adhesion and may be applied over asphalt shingles, degreased or weathered aluminum, primed steel, galvanized steel and concrete. It may also be applied over cured asphalt coatings (weathered a minimum of 2-4 weeks), smooth surface roofing and modified bitumen roofing sheets. (Please note additional recommendations for coating modified bitumen roofing.)

SURFACE PREPARATION:

A clean surface is essential for good adhesion. Remove all dirt, dust and debris. Remove any mildew or algae which may be present. Repair cracks, breaks, open seams, loose flashing and other roof imperfections. Cracks, breaks and seams may be repaired by: 1) coating problem area with Storm Seal. 2) topcoat with another layer of Storm Seal.

METAL ROOFS:

It is recommended that all rusted areas be wire brushed to remove loose rust and primed with rust inhibited primer. All fasteners should be tightened and replace where necessary.

APPLICATION:

Temperature should be 50 degrees F. and rising. Apply only when the coating will not be subjected to heavy dew or rain before the coating has dried. Separation is usually slight but the best procedure is to stir thoroughly prior to application. This will help ensure application rates. Pour coating onto a small area and spread using a medium nap roller or soft nylon bristled brush. Apply using long, even strokes. A heavier coat should be used around vents and seams.



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Do not attempt to retouch while the film is drying. Allow to cure before retouching. Storm Seal may be sprayed using an Airless Spray System with a working pressure of 3000 p.s.i.

NOTE: ONE COAT WILL NORMALLY SUFFICE BUT RECOMMENDED IS TWO LIGHTER COATS APPLIED AT RIGHT ANGLES TO EACH OTHER. THIS WILL ENSURE ADEQUATE COVERAGE AND REDUCE CURE TIME WHEN DEW OR RAIN IS POSSIBLE.

CAUTION:

Do not apply when roof surface or air temperature is below 50 degrees F. and falling. Do not apply when frost or rain is forecast within 24 hours. Allow a minimum of 4 hours daylight cure time before coating will be subject to dew. Periods of high humidity or cool, damp or cloudy conditions will prolong cure times.

Do not apply in areas of ponding water. These are defined as areas which do not dry or drain for a period of 48 hours following rain. **PROTECT FROM FREEZING !!!**

COVERAGE RATE:

Coverage rates will vary based on porosity of surface. Recommended rates:

Asphalt Composition Shingle	3 gallons/100 sq. ft.
Mineral Surfaced Rolled Roofing	3 gallons/100 sq. ft.
Metal	1-1.5 gallons/100 sq ft.
Concrete	1.5 – 2 gallons/100 sq/ft.

Recommended application is two coats (1/2 of above rate per coat) applied at right angles to each other.

CLEAN-UP:

Clean brushes, tools and other equipment with soapy water immediately after use. Dried material may require the use of paint remover.

PACKAGING: 55 gallon, 5 gallon, 1 gallon



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TYPICAL PHYSICAL PROPERTIES:

	<u>Color</u>	<u>White</u>
Weight per Gallon		12 lbs. min.
Drying Time	- touch	2 hours 50% relative humidity/70°F.
	- firm	4 hours 50% relative humidity/70°F.
% solids by weight		65.77
Hardness, Shore A		70 ASTM D-2240
Elongation		400 – 600 %
Resistance to:	Acids	Excellent
	Alkaline	Excellent
	Grease	Very Good