



# SR.105

# SNOW ROOF SYSTEMS®

# PREMIUM

# WHITE ROOF COATING

## PRODUCT DESCRIPTION

**Snow Roof® Premium Roof Coating** is a bright white, premium grade, elastomeric, water-based, liquid rubberized roof coating. Easy to apply, it flows into cracks and crevices, seals leaks, and dries rapidly to form a 500% elastic surface that remains flexible at -32°F. Resists cracking and peeling from expansion and contraction, bonds to most roof surfaces, aged aluminum coatings, urethane foam, polystyrene foam, metal and concrete. 90% reflective coating lowers interior temperatures dramatically.

## FEATURES AND BENEFITS

- Seals and Protects.
- Bright white, premium grade, elastomeric, roof coating.
- Bonds directly to most existing roof systems.
- Cures to form a tough seamless membrane, which seals and protects the roof.
- Protects against damaging effects of the sun, wind, snow, rain and ice.
- Reflects up to 90% of the sun's rays.
- Dramatically lowers roof and interior temperatures, reducing energy costs.
- Durable and flexible over wide range of temperatures.
- Resists mold and mildew.
- Safe and easy to use.
- Flows into cracks and crevices to provide roof protection and seals leaks.

## Recommended uses:

- Metal
- Concrete
- Fiberglass
- Spray Urethane Foam
- Masonry
- Stucco

## When used with Elasto-Seal® Primer, recommended for:

- Aged EPDM & aged Hypalon
- Rolled Roofing
- Aged Asphalt
- Modified Bitumen
- Built-up Roofing
- EPDM Rubber Roof
- Composition Roof
- APP & SBS

## CHARACTERISTICS

<b>Color</b>	White
<b>Vehicle</b>	100% Acrylic
<b>Volume Solids</b>	44% ±2%
<b>Weight Solids</b>	58% ±2%
<b>VOC:</b>	16g/l

<b>Drying Time:</b>	
<b>To Touch</b>	4-6 hours
<b>Recoat:</b>	8 hours
2 coat application	

<b>Coverage per gallon:</b>	
Metal (corrugated)	80 sq.ft./gal.
Metal (smooth)	100 sq.ft./gal.
Foam / Mod. Bit.	50 sq.ft./gal.
Concrete*	50 sq.ft./gal.
Bonded Tar & Gravel/BUR	50 sq.ft./gal.

\*NOTE: Actual coverage will vary depending on porosity of surface. Apply two coats to all surfaces at the above rates.

## SURFACE PREPARATION

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

**Testing: Due** to the wide variety of substrates, preparation methods, application methods and environments, the customer should test the product in an inconspicuous spot for adhesion and compatibility **prior to full scale application.**

Remove all previous coating that is loose by scraping or wire brushing. Then, scrub the roof with a water and detergent solution to remove all dirt, oil and grease. Mildewed areas must be treated with 1 part chlorine bleach, 3 parts water, then washed with detergent. Rinse surface thoroughly and let dry. Simply sweeping a roof surface to remove dirt is ineffective. **NOTE:** Areas collecting ponding water lasting 2-3 days must be repaired using roof drains or other corrective measures. For less severe ponding areas or to be used on EPDM, rolled roofing, built-up roofs, modified bitumen, bonded tar & gravel or most other asphaltic surfaces (excluding roofing shingles) you must first prime with **Snow Roof Elasto-Seal® Undercoat.**



# SNOW ROOF SYSTEMS® PREMIUM WHITE ROOF COATING

## SURFACE PREPARATION

**Elasto-Seal® Primer** is not required or recommended for metal, coated metal, concrete, flat or barrel cement tile, brick or urethane foam. (See specific instructions listed below). Proceed to prime (if needed), then repair seams, cracks, and flashing as well as around skylights, vents, stacks, and other protrusions with **Snow Roof® Roof Patch™** and **Polyester Seam Tape™** or **Contouring Polyester Mesh Roof Fabric™**.

**METAL:** Remove rust and treat these areas with a quality metal primer. Tighten or totally replace loose fasteners. Then, top coat with **Snow Roof® Premium White Roof Coating**.

**CONCRETE:** Repair cracks and any weakened sections of concrete with a good quality masonry cement before coating. Remove all salts of efflorescence (white crystal deposits) with a very mild water and muriatic acid solution. Then top coat with **Snow Roof® Premium White Roof Coating**. Over a period of time these deposits may again work their way through the coating. Should this occur, wash the coating with the mild muriatic acid solution to restore the coating's color.

**URETHANE FOAM:** Repair cracks, holes, and indentations where water will collect with **Snow Roof® Roof Patch™**. Apply enough patching cement in several layers to indentations to allow water to drain. Then top coat with **Snow Roof® Premium White Roof Coating**.

**EPDM Rubber Roof:** Repair cracks, holes and indentations where water will collect with **Snow Roof® Roof Patch™**. Remove all loose stones and scrub the roof with a water and detergent solution to remove all dirt, oil, and grease. Prime the surface with two coats of **Elasto-Seal® Primer**.

## SURFACE PREPARATION

**BONDED TAR & GRAVEL:** Remove all loose stones and scrub the roof with a water and detergent solution to remove all dirt, oil, and grease. Prime the surface with two coats of **Elasto-Seal® Primer** completely sealing all of the gravel to prevent moisture from seeping under the coating. Then, top coat with **Snow Roof® Premium White Roof Coating**.

**ROLLED ROOFING & MOD. BITUMEN:** Scrub the roof with a water and detergent solution to remove all dirt, oil, and grease. Prime the surface with two coats of **Elasto-Seal® Primer**. Then, top coat with **Snow Roof® Premium White Roof Coating**.

## APPLICATION

Do not apply when temperature is below 50°F or if the temperature is expected to drop below 50°F before the coating has completely dried. Drying time will take four to six hours in temperatures above 70°F with low humidity. Drying time will increase as temperature decreases or humidity is high. Humidity of 85% or more will drastically increase drying time. In areas where dew accumulates in early evening, it is best to coat in the morning. **NOTE:** Stop coating by early afternoon (3 p.m.) to prevent wash off, which will occur if dew, fog, or rain arrive before coating dries. For best results apply with a soft brush, 3/4" heavy nap roller, or airless sprayer. Avoid excessive brushing. Spread uniformly. Cover any previous coating. Always apply two coats in different directions. Apply the first coat in a north-south direction; the second in an east-west direction.

## APPLICATION

For spray application, an airless pump is recommended. Pump one gallon per minute with at least 2,000 PSI fluid pressure. Suggested tip sizes are .021 with a 10" pattern or .025 with a 12" pattern. This product has excellent suspension and requires minimal stirring to assure uniformity. If roof is hot, spray with water to prevent coating from drying too fast. May be applied over damp, not wet, surface. **DO NOT USE ON FLAT ROOFS WITH A SLOPE OF 1/2 INCH OR LESS PER FOOT.** For troublesome roofs and small shallow Ponding water situations, to include modified bitumen, rolled roofing, bonded tar and gravel, built-up roofs and most asphaltic SURFACES (excluding roofing shingles), you must apply two coats of **Elasto-Seal® Primer** then top coat with **Snow Roof® Premium White Roof Coating**. **COVERAGE:** Apply two coats to all surfaces at the rate shown. **DO NOT DILUTE THIS PRODUCT.**



# SNOW ROOF SYSTEMS®

## PREMIUM WHITE ROOF COATING

### CLEAN-UP

Clean hands, tools and spills immediately with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment.

### WARNING

- Use with adequate ventilation
- Keep out of the reach of children
- Use a NOISH approved respirator, when necessary
- Do not take internally
- In case of ingestion, CALL A PHYSICIAN immediately. DO NOT induce vomiting

If splashed in the eyes, flush thoroughly with clean water for a minimum of 15 minutes. CALL A PHYSICIAN immediately. May cause irritation to the skin. If brought into contact with the skin, wash thoroughly with soap and water. Seek medical attention if redness or irritation occurs. Avoid breathing vapors and spray mist. Reseal container after each use. Wear protective clothing, gloves, and goggles. Read MSDS before using product.

### ORDERING INFORMATION

#### Part Numbers

##### White

Gallon KST0000SR-16

Five KST0000SR-20

Drum KST0000SR-27

##### Light Gray

Five KST00SRLG-20

#### SMIS

##### White

Gallon 585-1886

Five 796-8399

Drum 179-9329

##### Light Gray

Five 897-9205

### TECHNICAL SERVICES

1-888-675-SNOW(7669)

[www.snowroof.com](http://www.snowroof.com)

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of KST Coatings and The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your KST or Sherwin-Williams representative to obtain the most recent Product Data sheet.