

SOLAR COATING

SYSTEMS



SCS PREMIUM ELASTOMERIC COATING

SCS PREMIUM ELASTOMERIC COATING. This is an excellent, highly flexible, white acrylic coating designed for superior hiding ability. This UL Rated product resists cracking, peeling, and mildew, while offering durability and long term life. It expands and contracts with roof movement to resist damage, and provide an excellent reflective barrier from the sun's heat and UV rays. This helps to cool the roof surfaces and leads to a reduction of interior temperatures. **SCS Premium Elastomeric can be applied on metal roofs, BUR, and Polyurethane Foam Roofs.**

FEATURES:

- **Flexible** - Flexibility is built into the polymer for long term crack and impact resistance.
- **Adhesion** - Excellent adhesion to most asphaltic surfaces.
- **Mildew Resistant** - Superior mold and mildew resistance.
- **Coverage** - Excellent hiding power and film build to minimize sagging runs.
- **Ultra Violet Resistance** - Excellent UV resistance and color stability.
- **Wide Color Range** - Special colors can be accommodated.
- **Easy Application** - Single component, can be sprayed with airless equipment, rolled, or brushed.
- **Environmentally Friendly** - Water based; Asbestos, lead, and mercury free.

Disclaimer: Our data is based on information from laboratory tests which are believed to be accurate but all recommendations are made without warranty, since the conditions of use are beyond Solar Coating Systems control. We do not assume any liability or responsibility of the product relative to coverage, performance, or injury resulting from its use. Liability, if any, is limited to replacement of product.



TYPICAL PROPERTIES: at 75°F

	Weight	per	gallon
	11.53 lbs.		
Color :		White	(can be tinted)
Tensile Strength (ASTM D2370)		250	PSI
Elongation (ASTM D562)		250%	- 300%
Reflectivity (ASTM C-523)		>0.87%	
Solids by weight		65.0%	
Solids by volume		52%	
Adhesion to polyurethane foam		4.1	lbs/in
Flammability		N/A	(water based)
Theoretical Yield	>8.3*	dry	mills/gal/100 Sq. Ft.
Viscosity (ASTM D2697)		100-140	ku
Permeability (ASTM D1653)		<15	perms
Consistency		brush, roll, spray	
Cure time (50% relative humidity, 70°F)		4	hours
Full Cure (50% relative humidity, 70°F)		24-48	hours

*Theoretical yield does not take into account application losses or variations in surface texture.

LIMITATIONS AND PRECAUTIONS:

Do not apply when ambient temperature is below 50° F. Cold temperatures and high humidity will retard drying. Store in tightly closed containers and protect from freezing and excessive heat.

Non-asphaltic substrates may require a primer or surface treatment prior to applying SG Elastomeric Coating. SG Elastomeric Coatings are not intended for use as a vapor and/or a fire barrier and should not be used for these purposes.

California Prop 65: Chemical Warning:

(California Health and Safety Code #25249.5 ET SEQ) Detectable amounts of some chemicals known to the state of CA to cause cancer, birth defects or other reproductive harm may be found in Solar Coating Systems petroleum based products and their vapors. Read and follow label directions and information on MSDS sheets and use care when handling or using petroleum products.