

SOLAR COATING SYSTEMS



SCS SPF BLEED RESISTANT 100% ACRYLIC ROOF COATING

SCS SPF is a premium 100% Acrylic elastomeric coating. Its high elongation properties give it the ability to handle significant substrate movement. The 100% acrylic composition provides unsurpassed resistance to UV degradation. SCS SPF is a single component, bleed resistant, high build, water based material; excellent for waterproofing and providing long term protection of Polyurethane Foam, as well as metal roofs. It comes as a BC (base coat with shading), and a TC (top coat – white)

FEATURES:

- **Flexible** - Flexibility is built into the polymer for long term crack and impact resistance.
- **Adhesion** - Excellent adhesion to most asphaltic surfaces and foam roofs.
- **Bleed Resistant** - Resists bleed through of asphaltines that discolor other coatings and reduce their reflective properties
- **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.
- **High Build** - Can be applied in thick coats without cracking.
- **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 70° F

Color (can be tinted)	white
Tensile Strength (ASTM D412)(20 mil DFT) (After 1000 hrs Weatherometer)	250 PSI
Elongation (ASTMD412) (20 Mil DFT) (After 1000 hrs Weatherometer)	200%
Reflectivity	0.87%
Emissivity	>90%
Solids by Weight	70 ± 2%
Solids by Volume	60 ± 2%
Density	11.6 lb./Gal
TheoreticalYield	9.6* dry mills /gal/100 Sq. Ft.
Temperature Limits	-10 ⁰ F to + 200 ⁰ F

*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 require a primer or surface treatment prior to applying SCS SPF. SCS SPF 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.

Web site: www.solarcoatingsystems.com