

SOLAR COATING SYSTEMS



SCS HR (HIGH RESIN) PRIMER

SCS HR (High Resin) Primer is a low viscosity high penetrating 100% acrylic polymer adhesive and primer that secures substrates, and provides tenacious bonding adhesion for the application of elastomeric coatings. It is also used as an interply adhesive, which penetrates and adheres polyester reinforcement fabrics over existing roofs such as BUR, Modified Bitumen, wood, concrete or previously coated surfaces. It soaks thru and penetrates into existing substrates and coating systems, providing an ideal product for roof renovation systems. Along with extremely high adhesion properties, it provides a bond far greater than typical emulsion interply adhesives, and possesses stain blocker properties limiting the migration of asphaltic oils and bleed thru staining associated with emulsion and hot asphalt systems. **SCS HR Primer** has 650% elongation and a tensile strength of 1000 psi, far exceeding the physical properties associated with emulsion systems (< 10% elongation). It also can fill and/or bridge hairline cracks. When cured the surface remains tacky providing optimum adhesion of elastomeric roof coatings.

FEATURES:

- Rohm & Haas - 100% Acrylic Technology.
- High Elongation – Fills or bridges hairline cracks.
- Adhesion - Excellent on BUR, Modified Bitumen, Single Ply (including TPO), wood, concrete, and existing coated surfaces.
- Easy Application - Single component, spraying will give the best result. Work evenly in fabric with broom for uniform saturation. It can also be brushed or rolled.
- Quick Surface Dry - Material will be dry to touch in approximately 2-3 Hrs (with polyester), and can be recoated in 1day dependent on humidity and temperature.
- Can be used/substituted as basecoat in lieu of acrylic coating application due to high solid content.
- Environmentally Friendly - Water based; asbestos, lead, and mercury free.

TYPICAL PHYSICAL PROPERTIES: at 70°F: ASTM D6083 STANDARD

Color	Green or blue tint, dries translucent
Tensile (ASTM D412)	1000 psi (± 50)
Elongation (ASTM D412)	650% (± 50)
Interply Adhesion (Wet/Dry)(ASTM D903)	20 pli (± 2)
Solids by weight (ASTM 1644)	42% (± 2)
Solids by volume (ASTM 2697)	40% (± 2)
Weight per gallon(ASTM 1475)	8.75 lbs.
Application Rate (as interply w/polyester)	2-3 gal per 100 Sq.Ft.
Application Rate (as primer)	100-200 Sq.Ft. per gal over existing roof

LIMITATIONS AND PRECAUTIONS:

Do not apply when ambient temperature is below 45°F. Cold temperatures and high humidity will retard drying. Store in tightly closed containers and protect from freezing. Surface must be clean, dry, and free of rust and loose dirt.

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 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.

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.