SOLAR COATING SYSTEMS

SCS KYNAR ELASTOMERIC COATING
(ELASTOMERIC FLUOROPOLYMER)

SCS Kynar Elastomeric Coating is the highest performance single component elastomeric coating available today. Designed for applications where long term heat reflective performance and color retention is required. Dirt pickup resistance is exceptional. Based on Kynar technology, **SCS Kynar Elastomeric Coating** exhibits similar performance properties such as; long term gloss retention, mildew resistance, plasticizer migration resistance and stain resistance. The film contains high levels of fluorine and exposure to UV actually results in increased levels at the surface of the film. This can promote improvement of some key properties over time. **SCS Kynar Elastomeric Coating** has exhibited tenacious adhesion to most substrates including several types of fluorinated coatings such as Kynar and Hymar. It may be used as a topcoat to enhance the performance of elastomeric coatings coating systems. Adhesion testing is always recommended before application.

FEATURES:

- **Flexibility - Exceptional flexibility to provide crack and impact resistance even at very low temperatures.**
- **Strength - Very high strength to resist damage from hail and roof traffic.**
- **Adhesion - Excellent adhesion to most surfaces.**
- **Mildew Resistant - Superior mold and mildew resistance.**
- **Reflective - White coating reflects 90% of the suns rays, reducing cooling costs.**
- **Ultraviolet Resistance - Excellent U.V. resistance and color stability.**
- **Wide Color Range - Can be tinted to almost any color you require.**
- **Easy Application - Single component, airless spray, roll or brush**
- **Dirt pickup resistance – Unsurpassed by any other flexible coating.**

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

Standard Colors (Others Available)**:**	**White, Gray, Ivory**
Tensile Strength (ASTM D412 @ 20 mils) (2.0 in/min)	**2200± 25 PSI**
Elongation (ASTM D412 @ 20 mils) (2.0 in/min)	**300 ± 25 %**
Solids by Weight (ASTM D1644)	**54 ± 2%**
Solids by Volume (ASTM D2697)	**39 ± 2%**
Density	**10.9lb./Gal.**
Theoretical Yield (Mils/gal/100sq.ft.)	**6.4***
V.O.C. (U.S. EPA Reference Method 24)	**<149 g/L**
Temperature Limits	**-30° to + 200°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 application. Fresh galvanized steel requires primer or other surface treatment prior to application.
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.