

# SOLAR COATING SYSTEMS



## SCS MODIFIED EMULSION ELASTOMERIC ASPHALT EMULSION

**SCS MODIFIED EMULSION** is a rubberized roof coating which can be applied over virtually any type of roof surface. This professional grade, watertight coating forms a seamless barrier that will withstand water. Its elastomeric properties and superior bonding ability produce an outstanding base coat of protection for almost any roof condition. **SCS MODIFIED EMULSION** actually expands and contracts with the roofs surface to resist peeling, cracking, and checking. It can be applied to modified bitumen, built-up-roofing, asphalt, metal, concrete, and even cold tar roofs. Roofs coated with **SCS MODIFIED EMULSION** form an excellent base for all **Solar Coating Systems**.

Each roof application has unique requirements and as such may require a specific system configuration and application. It is recommended that you contact your local Solar Coating Systems representative to assess the proper use of any product within a roof system configuration or approvals.

### TYPICAL PHYSICAL PROPERTIES

PROPERTY	VALUE
Weight per Gallon	8.4-8.9 lbs
Solids	46 % min
Elongation	100%-600% (0°F & 73°F)
Tensile Strength psi	150-200
Consistency	Brush or Spray
Flammability	Non-flammable, water-based
Application Temperatures	55°-110° F
Flexibility @ 0° F	No cracking
Heat Resistance @ 212° F	No sag, blistering or slippage
Permeability	Breathable film, <10 perms
Cure Time @ 70° F and 50% humidity	4-8 hours
Full Cure @ 70° F and 50% humidity	24-48 hours

Meets or exceeds ASTM D1227 and Federal Specifications SS-R-1781 Type 111

**CURE TIMES:** When applied at 22 wet mils coating thickness and at conditions of 75° F and 50% relative humidity, SG Modified Emulsion should reach final cure in 24 hours. Colder weather and/or higher humidity will retard curing, whereas warmer weather and/or lower humidity will accelerate curing.

**STORAGE:** One year minimum when stored in unopen container at 40°-80° F: **DO NOT FREEZE**

**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.

**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