



ENGINEERED TO PROTECT AGAINST PONDING WATER

Sure-a-thane™

Product Description

Sure-a-thane is a water-based single component monolithic, Elastomeric-Hybrid roof coating that provides seamless protection and is durable enough to protect against **Ponding** water on a flat roof. **Sure-a-thane** has been engineered with the highest grade cross linked resins that provide increased durability and elasticity compared to standard acrylic and other roof coatings. With its high reflectivity and low conductivity characteristics, **Sure-a-thane** has the highest aged SRI to and helps to reduce energy costs while renewing the life of the existing roof. **Sure-a-thane** is fast drying with excellent adhesion properties and is compatible with a variety of substrates. A renewable warranty option is available for as long as a building is in use. Call your SureCoat Product Rep for details at 877-823-7873.

Applicable Substrates

Sure-a-thane is versatile, cost effective and an easily applied coating. Applications included BUR / Cap sheet roof, Metal roof, Modified Bit, APP, SBS, SPF (foam roof) top-coat and Single ply including Hypalon, TPO, and PVC. **Sure-a-thane** can be used on low slope surfaces, vertical surfaces, flashing, parapet walls, equipment screens, sheet metal, HVAC plenums & ducts, stucco, concrete, and penetrations.

Temperature Precaution

Do not apply when surface or atmospheric temperatures are below 55°F or when measurable precipitation or freezing is possible within 24 hours. The service temperature range is -15° F - 180° F. The substrate temperature range for application is 55° F - 90° F. Call for more information on application.

Preparation: The objective of surface preparation is to produce a roof surface that is suitable for application and adhesion of the specified protective coating system. Failure to properly prepare the surface can cause poor adhesion and application failure. All foreign materials that may impair adhesion MUST be removed prior to application.

Prior to application: Any unsound areas in the roof deck or insulation, including blisters, delaminating, deterioration, excessive moisture content, etc., shall be repaired or replaced. All blisters, delaminating, wrinkles and loose areas shall either be cut away and removed or cut open and nailed flat to the deck or otherwise repaired. Any moisture in the existing roof must be eliminated prior to application.

Ponding areas: Areas susceptible to ponding conditions should be Pre-coated with **Sure-a-thane** and requires fabric embedded with a minimum final dry mil thickness of 45-mils.

Testing was performed by independent testing facilities and is believed to be reliable. However since the data has been obtained under controlled laboratory conditions and typical for some product classification, we can assume no liability for damages resulting from the use of this material. All information provided is given without warranty or guarantee. It is our recommendation that the end user perform individual testing for the specific intended application. *Testing done on Sure-a-thane a component of the SureCoat Roof System. / Updated 9/26/12

Engineering Data

Cool Roof Rated- #1098-0001 / Title 24 Compliant Technical Properties:



Meets or exceeds FM 4470 standards class 1 Fire Wind & Hail	
ASTM C523 Sunlight Reflection 3yr aged results	81%
ASTM C 1549	>86 %
Emissivity Initial	88%
Emissivity 3 yr. aged results	93%
Viscosity D2196 Brookfield 73.4°	38,600 cps
D562 KU 73.4°	120-130KU
Volume Solids (ASTM D2697)	65%
Weight Solids (ASTM D1644)	81%
Tensile Strength @ 73°F Minimum (ASTMD412)	630 psi
Tear Resistance D624	>60lbs f/in
ASTM E108 (Class A) UL Rating Equivalent	Pass
ASTM E84 flame spread	Pass
TT-C555B Wind driven rain	Pass
Maximum Weathering	0.2 mils/yr.
Fungi resistance G21	Pass

Temperature Range

Application Degree Fahrenheit	55°/120° F
Service Degree Fahrenheit	0°/200° F
VOC	<23 G/L
Weight per Gallon	10.6 lbs.

Elongation, ASTM D-124

At 73°F	400%
At 32°F	118%
Post Weathering	470%
Low Temperature flexibility D522	Pass Mandrel

Water Vapor ASTM E-96

Permeability @ (24 mils)	.019 perms
Dry Time (at min. 75 °F ambient temperature)	
To Touch	2-4 Hours
Throughout	24-48 Hours
Coverage Per Gallon (10.426 dry mils)	100 sf., approx.

Application method: **The SureCoat Roof System** can be rolled, brushed or spray applied. The airless sprayer must be a high volume minimum 3000 psi with the spray tip size .32-.50. Consult with your equipment manufacturer for recommendations or a **SureCoat Systems** representative for further details.

Material Storage, Safety & Handling procedures: **Sure-a-thane** has a shelf life of at least 12 Months from the original manufacturing date unopened and in the original Containers. Materials shall be stored in an area specifically designated for that purpose, in accordance with Manufacturer's recommendations, where temperatures will not be less than 55°F or higher than 90°F. Materials shall be handled, stored and installed per Manufacturer's instructions and all applicable safety regulatory agencies.