

SPECGUARD PRODUCT DESCRIPTION / PRODUCT DATA

SPECGUARD SG-54 PREMIUM TOPCOAT

SG-54 premium grade high viscosity modified acrylic formulation that utilizes a combination of high grade acrylic resins and specialty components to increase strength, durability, adhesion, and greater resistance to ponding water. SG-54 warranties weather related ponding areas for up to 30 days. Priming resins are incorporated into the product eliminating the need for additional primers. SG-54 high solids content will provide a dry mil thickness of 10.0 mils per gallon over a 100 square foot area, 20% thicker than other leading products. SG-54 is highly reflective which reduces heat transfer into the facility. Formulated for high tensile strength and elongation, SG-54 provides a long term solution for roof restoration.

SG-54 TECHNICAL CHARACTERISTICS

CRRC Product code 1180-0001

ASTM E1980, Initial and 3 year Solar reflectance

SR: Intl: .88, 3Yr: .77 / **TE:** .86 Intl, 3Yr: .88 / **SRI:** Intl:111, 3Yr 93

ASTM C523 Sunlight Reflection	92%
ASTM C 1549	88%
Emissivity	0.86
Viscosity D2196 Brookfield 73.4°	27,000 cps
Volume Solids (ASTM D2697)	63%
Weight Solids (ASTM D1644)	78%
Tensile Strength @ 73°F Minimum	473 psi
ASTM-D6083	Conforms
ASTM E 108 class A / UL790 equivalent	Pass
UL 2218 Class IV Hail Resistance	Pass
Low-temperature flexibility	-15°F

TEMPERATURE RANGE

Application Degree Fahrenheit	50°/120° F
Service Degree Fahrenheit	0°/180° F
VOC (less than)	50 grms/L
Weight per Gallon (approximant)	11.2 lbs.

ELONGATION / ASTM D-4212

At 73°F	400%
At 32°F	160%

PERMEABILITY ASTM E-96

Water resistance (WVT) (less than)	.050 perms
Dry Time @ 75 °F	1-3 Hrs
Dry throughout	24-48 Hrs

COVERAGE (Per Gallon) 10.0 mils per sqft



FEATURES

- Self priming
- Superior adhesion, built-in high priming resins, no need for additional primers
- Compatible with the four major roof systems, built up, metal, single ply, and foam
- High Reflectivity, reduce energy costs and protect the roof from damaging UV rays
- Increased resistance to ponding water
- Quick drying
- No asphalt bleed through
- High solids content / high Viscosity, can be applied up to 2.5 gallons per square for quick application and reduced labor cost

APPLICABLE SUBSTRATES

SG-54 is versatile, premium grade cost effective product. Applications included: Asphalt cap sheet roof, metal roofs, foam roofs and single ply. SG-54 can be used on low slope surfaces, vertical surfaces, flashing, parapet walls, and penetrations. SG-54 can be used for all preparation requirements including, vertical surfaces, roof penetrations, vents, drains and waterway, HVAC mounts and other roof equipment.