

# SPECGUARD PRODUCT DESCRIPTION / PRODUCT DATA



## SPECGUARD SG-64 PREMIUM TOPCOAT

**SG-64** is a premium modified acrylic roof coating designed as an alternative to silicone. SG-64 provides the performance of silicone at a more competitive price. This allows for higher mil thickness system specifications and increased performance at a lower overall cost, meets ASTM D 6083 requirements. Additionally SG-64 eliminates the adhesion issues associated with silicones when maintenance is required regarding adhesion. SG-64 warranties weather related ponding water areas.

## SG-54 TECHNICAL CHARACTERISTICS

ASTM C523 Sunlight Reflection	92%
ASTM C 1549	88%
Emissivity	0.86
Viscosity D2196 Brookfield 73.4°	23,000 cps
Volume Solids (ASTM D2697)	62%
Weight Solids (ASTM D1644)	77%
Tensile Strength @ 73°F Minimum	479 psi
ASTM E 108 class A / UL790 equivalent	Pass
UL 2218 Class IV Hail Resistance	Pass
Low-temperature flexibility	-15°F
<b>TEMPERATURE RANGE</b>	
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.
<b>ELONGATION / ASTM D-4212</b>	
Elongation @ break	242%
Tear resistance	
<b>ADHESION</b>	
Urethane foam	Pli 2.5c
Metal roof	Pli 2.6c
<b>PERMEABILITY ASTM E-96</b>	
Water resistance (WVT)	5.2 perms
Water swelling 7 days	5.0%
Dry Time @ 75 'F	1-3 Hrs
Dry throughout	24-48 Hrs
½" Mandrel, 1000 hr. weathered	Pass
<b>COVERAGE</b> (Per Gallon)	10.0 mils per sqft



## FEATURES

- Superior system adhesion
- Built-in high bonding priming resins built into specguard product providing complete system compatibility
- High adhesion for maintenance, repairs and complete recoat systems
- High Reflectivity
- Reduce energy costs and protect the roof from damaging UV rays.
- Ponding water resistance
- Proprietary product designed to withstand ponding water and perform under the toughest conditions
- High solids / Viscosity can be applied up to 2.0 gallons per square for quick application and reduced labor cost

## APPLICABLE SUBSTRATES

SG-64 is versatile, premium grade cost effective product. Applications included: Asphalt cap sheet roof, metal roofs, foam roofs and single ply. SG-64 can be used on low slope surfaces, vertical surfaces, flashing, parapet walls, and penetrations. The SG-64 product can be used for all preparation requirements including, vertical surfaces, roof penetrations, vents, drains and waterway, HVAC mounts and other roof equipment.