

SPECGUARD SG-44 is a modified acrylic based product that exhibits excellent adhesion, flexibility and durability for a variety of roof surfaces. SG-44 expands and contracts with normal roof movement, provides excellent weather resistance, and fade resistance for long term resilience. The product is excellent for repair and maintenance, and can extend the life of an existing roof, providing UV protection decreasing further wear. Designed to protect and seal a variety of roof systems SG-44 can be used as a topcoat for metal roof, granulated cap sheet, foam and aged single ply. SG-44 provides energy savings by reducing the roofs surface temperature and heat transfer into the facility.

SG-44 TECHNICAL CHARACTERISTICS

ASTM C523 Sunlight Reflection	84%
ASTM C 1549	86%
Emissivity	0.85
Viscosity D2196 Brookfield 73.4°	24,000 cps
Volume Solids (ASTM D2697)	54%
Weight Solids (ASTM D1644)	66%
Tensile Strength @ 73°F Minimum	390 psi
ASTM-D6083	Conforms
TEMPERATURE RANGE	
Application Degree Fahrenheit	50°/120° F
Service Degree Fahrenheit	0°/180° F
VOC (less than)	50 grms/L
Weight per Gallon (approximant)	11.0 lbs.
ELONGATION / ASTM D-4212	
At 73°F	365%
At 32°F	190%
PERMEABILITY ASTM E-96	
ASTM 1653 / 20 mils	7.85 perms
Dry Time @ 75 °F	1-3 Hrs
Dry throughout	24-48 Hrs
COVERAGE	
Per Gallon	(8.7 mils) Per sqft



FEATURES

- Self priming
- Excellent 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
- High water resistance
- No asphalt bleed through
- Excellent maintenance product for repair and recoats
- High viscosity, can be applied up to 1.5 gallons per square for quick application and reduced labor cost
- Can be formulated to meet specification requirements

APPLICABLE SUBSTRATES

SG-44 is versatile, high grade modified acrylic product. Applications included: Asphalt cap sheet roof, metal roofs, foam roofs and single ply. SG-44 can be used on low slope surfaces, vertical surfaces, flashing, parapet walls, and penetrations. SG-44 can be used for all preparation requirements including, vertical surfaces, roof penetrations, vents, drains and waterway, HVAC mounts and other roof equipment.