

Gaco Western

S I N C E 1 9 5 5

Product Data Sheet:

GacoElastomeric GSE1500
February 2016

GacoElastomeric Silicone Roof Coating

DESCRIPTION:	GacoElastomeric Silicone Roof Coating is a high quality, single component, elastomeric coating used to create a long lasting waterproof membrane on a flat or a sloped roof. The coating is made from silicone, allowing for superior protection against permanent ponding water, UV rays and temperature extremes. Due to the unique chemistry of GacoElastomeric, it can be rained on after 2 hours and will not wash off the roof.
USAGE:	GacoElastomeric adheres directly to the substrate and does not require a primer. Use it to protect large and small buildings, homes, garages, patio covers, sheds, barns, mobile homes, RVs and more.
COLOR:	GSE1500 White

APPLIED PRODUCT DATA

WEATHERABILITY:	Superior durability, color stability and chalk resistance.		
TOXICITY:	Not for use in contact with edible substances or potable water.		
ADHESION:	Bonds to aged asphalt, aged EPDM, aged TPO/CPA, built-up, cap sheet, composite, concrete, fiberglass, metal, modified bitumen, torchdown, sprayed polyurethane foam and most existing coatings on flat or sloped roofs.		
CHEMICAL RESISTANCE:	Superior solvent and chemical resistance.		
TEST DATA:	Exceeds the requirements of ASTM D6694 and has Class A fire performance per ASTM E108.		
TENSILE:	ASTM D412	<u>Initial</u>	<u>After 5,000 Hours Accelerated Weathering</u>
	Strength:	> 200 psi	> 200 psi
	Elongation:	> 150%	> 150%
TEAR RESISTANCE:	ASTM D1624 Die C	32 pli (5.7 kg(f)/cm)	
WATER VAPOR PERMEANCE:	ASTM E96 (B)	5.4 perms at 20 mils DFT	
FLAMMABILITY:	ASTM E108 (UL-790)	Class A	
REFLECTANCE/EMITTANCE:	ASTM E903	85% / 88%	



PACKAGED PRODUCT DATA

THEORETICAL COVERAGE:	Two gallons per 100 sq. ft. or 1 square. Two coats are recommended for sufficient waterproofing coverage on most substrates. Coverage rate may decrease on heavily textured or weathered substrates.
SOLIDS:	67% by Volume
VOC:	≤ 240 g/L SCAQMD compliant version is < 40 g/L (<0.33 lb/gal)
STORAGE STABILITY:	Two years from date of manufacture when stored in unopened containers at 40°- 85°F (4°-29°C).

APPLICATION

MIXING:	Mix before application to assure uniform color and consistency.
THINNING:	Product should not be thinned.
PRIMER:	GacoElastomeric will adhere to most surfaces without a primer; however, some substrates may require a primer for optimal adhesion. To verify proper adhesion, an adhesion test should be performed on a properly prepared and representative area of the substrate that is to be coated. On any aged asphalt or black tar surfaces, applying GacoFlex E5320 2-Part Epoxy Primer, according to label directions, may help prevent bleed-through staining on the final coats.
APPLICATION:	<p>Two coats are recommended for sufficient waterproofing coverage on most substrates. Apply at a rate of 100 sq. ft. per gallon in each coat on a smooth surface; coverage rate may decrease on heavily textured or weathered substrates. Allow the first coat to dry for 3 to 12 hours. Apply second coat as soon as the first coat can be safely walked on. Do not apply in temperatures below freezing, above 120°F (49°C) or if rain is expected within 2 hours. Light foot traffic is allowed for equipment servicing only.</p> <p>Flat roofs (less than 1:12 pitch/5°): Use a solvent-resistant ¾" or 1" nap roller cover and dip roller directly into pail and apply, or pour product onto flat roof surface and roll out evenly.</p> <p>Pitched roofs (greater than 1:12 pitch/5°): Use extreme caution when on a pitched roof. Follow all safety guidelines to avoid injury. Use a solvent-resistant ¾" or 1" nap roller cover, dip roller directly into pail, and apply. A roof pitch greater than 4:12/19° is not considered walkable; Additional reach equipment may be needed to properly apply the product safely and effectively.</p>
DRY TIME:	Allow the first coat to dry for 3 to 12 hours. Apply second coat as soon as the first coat can be safely walked on. NOTE: Dry time depends on weather conditions such as temperature, humidity and air movement.
CLEAN UP:	Application tools and equipment can be cleaned with GacoFlex Silicone Solvent or 100% Pure Mineral Spirits. DO NOT USE WATER OR RECLAIMED SOLVENTS. Once a container of GacoElastomeric is opened, the curing process has started. Use the entire product on your project if possible. Allow any remaining product in the container to solidify and dispose of in the proper manner.
MAINTENANCE:	<p>Roof structures may settle over time. A periodic inspection of your roof, which includes transition areas, flashing, vents and skylights, is recommended. Keep drains cleared at all times. Roofs become slippery when wet. Use extreme caution. Do not recoat GacoElastomeric with acrylic, urethane or Hypalon® coatings.</p> <p>An old, neglected, or failing roof does not have the resilience to withstand the rigors of weather. GacoElastomeric may not be suitable for such a roof. If you are in doubt about the condition of your roof, consult a qualified roof inspector.</p>
CAUTION:	For specific Health and Safety information please refer to Safety Data Sheet.

