



Product Data Sheet (PDS):

GacoElastomeric™ GSE1500
Revised: 03/2024

**GACOELASTOMERIC™ GSE1500
ELASTOMERIC COATING**

A. PRODUCT 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 two (2) hours and will not wash off the roof.

B. RECOMMENDED USE:

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.

C. PACKAGED PRODUCT DATA*:

PROPERTY	DESCRIPTION
COLOR	GSE1500 White
THEORETICAL COVERAGE	2 gal / 100 ft². or 1 square (7.6 L / 9.3 m²). Two coats are recommended for sufficient waterproofing coverage on most substrates. Coverage rate may decrease on heavily textured or weathered substrates.
SOLIDS	Volume: 67 %
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 between 40 – 85°F (4 – 29°C).
TOXICITY	Not for use in contact with edible substances or potable water.

D. APPLIED PRODUCT DATA:

PROPERTY	TEST	RESULT						
WEATHERABILITY	Superior durability, color stability and chalk resistance.							
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.							
TENSILE	ASTM D412 Strength: Elongation:	<table border="1"> <tr> <th>Initial</th> <th>After 5,000 Hours Accelerated Weathering</th> </tr> <tr> <td>> 200 psi</td> <td>> 200 psi</td> </tr> <tr> <td>> 150 %</td> <td>> 150%</td> </tr> </table>	Initial	After 5,000 Hours Accelerated Weathering	> 200 psi	> 200 psi	> 150 %	> 150%
Initial	After 5,000 Hours Accelerated Weathering							
> 200 psi	> 200 psi							
> 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	ASTM E903	85 %
EMITTANCE	ASTM E903	88 %

E. INSTALLATION INSTRUCTIONS:

STAGE	DESCRIPTION
MIXING	Mix before application to ensure uniform color and consistency.
THINNING	Product should not be thinned.
PRIMING	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	Two coats are recommended for sufficient waterproofing coverage on most substrates. Apply at a rate of 100 ft ² / gal (9.3 m ² / 3.8 L) in each coat on a smooth surface; coverage rate may decrease on heavily textured or weathered substrates. Allow the first coat to dry for three (3) – twelve (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 two (2) hours. Light foot traffic is allowed for equipment servicing only. Flat roofs (less than 1:12 pitch / 5°): Use a solvent-resistant ¾ or 1 in nap roller cover and dip roller directly into pail and apply, or pour product onto flat roof surface and roll out evenly. 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 in 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.
DRY TIME	Allow the first coat to dry for three (3) – twelve (12) hours. Apply second coat as soon as the first coat can be safely walked on. NOTE: Drying 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	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. 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.

* For specific Safety and Health information please refer to the appropriate Safety Data Sheet that is associated with this product & published on Gaco.com.