

**GacoFlex**<sup>®</sup>  
by Gaco Western<sup>®</sup>

## S20 Series

The solvent-free alternative to replacing your weathered roof.

Whether your roof is large or small, flat or sloped, GacoFlex S20 Series Solvent-Free 100% Silicone Roof Coatings provide a proven, guaranteed solution for renewing your weathered and leaking roof. They can be applied to virtually any existing roof to create a durable, glossy, seamless membrane that seals and protects against permanent ponding water, ultraviolet light and severe weather. By re-coating, you not only extend the life of your roof, you avoid the need for a time-consuming and costly roof tear-off.

Guaranteed? Yes! All GacoFlex Silicone Roof Coatings carry a 50 Year Limited Material Warranty. In addition, a Labor & Material Warranty is available to Gaco Western Qualified Applicators when GacoFlex S20 Series coating is applied over E5320 2-Part Epoxy Primer/Filler and according to Gaco Western specifications.

GacoFlex S20 Series offers decades of proven performance and protection. Guaranteed.

### WHY CHOOSE SOLVENT-FREE?

GacoFlex solvent-free silicone coatings are made nearly entirely of solids — 95% of what is in the can stays on the roof! The remaining 5% is a specially-formulated curing agent that works by forming a chemical bond between the coating's molecules and sets the coating in place — instead of by the evaporation of harmful solvents into the environment.

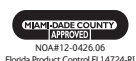
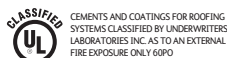


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# GacoFlex S20 Series

Solvent-free 100% silicone coating | January 2014

<b>DESCRIPTION</b>	GacoFlex S20 Series coatings are solvent-free, single-component waterproof elastomeric moisture-curing silicone coatings.	
<b>USAGE</b>	GacoFlex S20 Series are ideal for use as a maintenance coating system over pre-existing elastomeric roof coatings, metal roofs, built-up roofing, mineral cap sheet, and weathered single ply membranes (EPDM, Hypalon®, and TPO/CPA) on a roofing substrate where the membrane surface is in sound condition, but requires a renewal of the membrane surface due to the normal effect of aging and use. GacoFlex S20 Series Coatings are the standard specification for liquid applied silicone coating used in sprayed-in-place polyurethane foam roofing systems. GacoFlex S20 Series Coatings may also be used over concrete, wood and many other coatings. When properly applied, the coating system provides a seamless weather-tight seal that protects the substrate from degradation caused by ultraviolet light, water and other normal weathering hazards.	
<b>COLOR</b>	S2000 White, S2022 Gray, S2048 Tan. (All colors not available at all locations.)	
<b>APPLIED PRODUCT DATA</b>		
<b>WEATHERABILITY</b>	Excellent durability, color stability and chalk resistance.	
<b>TOXICITY</b>	Not for use in contact with edible substances or potable water.	
<b>ADHESION</b>	Excellent adhesion to polyurethane foam and many other substrates.	
<b>CHEMICAL RESISTANCE</b>	Excellent solvent and chemical resistance.	
<b>TENSILE</b> Strength Elongation Permanent Set At Break	<b>ASTM D412</b> 550 ± 10 psi (3.79 ± .07 MPa) 150% ± 10 Approx. 1%	<b>S2000 Immersed in Water @ 150°F (66°C) for 1 year per ASTM D471</b> 463 psi (3.19 MPa) 125% 0%
<b>TEAR RESISTANCE</b> lbs/inch	<b>ASTM D624 Die C</b> 21 pli (3.8 kg(f)/cm)	11 pli (2.0 kg(f)/cm)
<b>HARDNESS</b>	<b>ASTM D2240</b> 55 Shore A	56 Shore A
<b>WATER VAPOR PERMEANCE</b>	ASTM E96 Procedure B at 0.5 mm (20 mils) thickness ± 10%; Minimum permeance requirement is 2.5 U.S. perms	5.3 perms
<b>WET ADHESION TO POLYURETHANE FOAM</b>	ASTM D903	3.5 lbs per linear inch
<b>LOW TEMPERATURE FLEX</b>	ASTM D522 Method B	Pass
<b>FLAMMABILITY</b>	ASTM E108	Class A
<b>REFLECTANCE</b>	ASTM C1549	0.88 (S2000 White)
<b>EMITTANCE</b>	ASTM C1371	0.87 (S2000 White)
<b>PACKAGED PRODUCT DATA</b>		
<b>THEORETICAL COVERAGE</b>	1.45 gallons per 100 sq. ft. provides 22 dry mils NOTE: Actual coverage may be less due to surface profile, losses due to overspray and wind, and residual coating left in the container.	
<b>SOLIDS</b>	96.5% by Weight (Method 4041, Fed. Std. 141) / 95% by Volume	
<b>VOC</b>	35 g/l	
<b>FLASH POINT</b>	ASTM D3278	178°F (81°C)
<b>STORAGE STABILITY</b>	Two years from date of manufacture when stored in sealed containers between 0°F - 80°F (-17°C - 26°C).	
<b>APPLICATION</b>		
<b>MIXING</b>	Mix before application to ensure uniform color and consistency.	
<b>THINNING</b>	Product should not be thinned.	
<b>PRIMER</b>	Existing silicone coatings should not be primed. On all other substrates, apply GacoFlex E5320 2-Part Epoxy Primer/Filler according to label directions.	
<b>APPLICATION</b>	Apply by brush or ¾" nap woven roller as received. For spray application, use as received; consult Gaco Western's Silicone Spray Guide SG-Silicone for more information. For cold weather application, keep material stored above 65°F (18°C). Do not apply if rain is expected within 1 hour. For application in temperatures below freezing or above 120°F (49°C), contact Gaco Western. - On smooth surfaces, apply one coat at the rate of 1.5 gallons per 100 square feet to achieve approximately 22 dry mils. - On granulated and other rough surfaces, apply two separate coats at the rate of 1 gallon per 100 square feet per coat. Allow first coat to dry a minimum of 4 hours at 55°F (13°C) or higher, or until it can be safely walked on (product is moisture cure, low humidity will result in longer dry times); recoat within 4 to 48 hours. - Coat all surfaces including expansion joint covers and flashings. Extra material is required at all edges and penetrations if neoprene sheet flashing is not used. NOTE: Application rate is job-specific. Additional material may be required to achieve 22 dry mils.	
<b>DRY TIME</b>	Final coat should be allowed to cure 24 to 48 hours, depending on temperature and humidity, before suitable for light foot traffic.	
<b>CLEAN UP</b>	Clean application tools and equipment with GacoFlex Silicone Solvent. Recirculate through lines and gun until residual coating is removed. DO NOT USE WATER OR RECLAIMED SOLVENTS.	
For specific Safety and Health information please refer to Material Safety Data Sheet.		



Texas Department of Insurance - Product Evaluation RC-353  
\*Applies only to S2000 (white)

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Gaco Western is a recognized leader in innovative silicone roofing systems, and offers best-of-class waterproofing and insulation solutions for a variety of commercial, industrial and residential applications. Founded in 1955, Gaco Western remains today a family-owned business with its roots in technology and product innovation.