



GacoFlex™

S20 Series

The solvent-free alternative to replacing your weathered roof.

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.

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 Licensed Applicators when GacoFlex S20 Series coating is applied over E5320 2-Part Epoxy Primer/Filler and according to Gaco specifications.

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



GacoFlex S20 Series

Solvent-Free 100% Silicone Roof Coating

DESCRIPTION	GacoFlex S20 Series Silicone coatings are solvent-free, single-component waterproof elastomeric moisture-curing silicone coatings.								
USAGE	<p>GacoFlex S20 Series Silicone Coatings may be used as maintenance coating systems over existing elastomeric roof coatings, metal roofs, built-up roofing, mineral cap sheets, modified bitumen (APP and SBS) and weathered single ply membranes (EPDM, PVC, CSPE, and TPO/CPA) where the membrane is in sound condition but requires a renewal of the membrane surface due to the normal effects of aging and use.</p> <p>GacoFlex S20 Series Silicone Coatings are ideal for use over sprayed-in-place polyurethane foam roofing such as GacoFlex F2733 GacoRoofFoam™, concrete, plywood decking (when properly applied over an approved base coat) and on roof surfaces that are used as part of rainwater catchment systems.</p> <p>When properly applied, the GacoFlex S20 Coating System provides a seamless weather-tight seal that protects the substrate from degradation caused by ultraviolet light, water and other normal weathering hazards.</p>								
APPLIED PRODUCT DATA									
PHYSICAL PROPERTIES	ASTM Test	Result	ASTM D6694 Requirement		ASTM Test	Result	Requirement		
Tensile Strength @ 73 F	D412	450 psi	150 min	8,670 Hour Immersion in 150 F Water	D471		Not Required		
Elongation at Break @ 73 F	D412	174%	100 min	Tensile Strength	D412	450 psi	Not Required		
Tensile Strength @ 0 F	D412	574 psi	150 min	Elongation at Break	D412	125%	Not Required		
Elongation at Break @ 0 F	D412	169%	100 min						
Tear Resistance (Die C)	D624	38.5 lb/inch	20 min	1000 Hrs. Accelerated Weathering	G154				
Wet Adhesion				Elongation at Break @ 73 F	D412	371%	100 min		
Spray Polyurethane Foam	C794 / D903	Pass	2.0 min	Elongation at Break @ 0 F	D412	124%	100 min		
Acrylic Coating	C794 / D903	Pass	2.0 min						
Galvanized Metal with E5320 Primer	C794 / D903	Pass	2.0 min	5000 Hrs. Accelerated Weathering	G154				
BUR with E5320 Primer	C794 / D903	Pass	2.0 min	Elongation at Break @ 73 F	D412	126%	50%		
EPDM with E5320 Primer	C794 / D903	Pass	2.0 min	Elongation at Break @ 0 F	D412	124%	50%		
PVC with E5320 Primer	C794 / D903	Pass	2.0 min	Appearance	D6694	Pass	No Cracking or Checking		
GacoFlex S2000 (white) meets the cool roof requirements of California Title 24 and the International Energy Conservation Code.				Solar Performance					
				Solar Relectance		C1549	0.88		
				Thermal Emittance		C1371	0.87		
				Solar Reflectivity Index (SRI)		E1980	111		
PACKAGED PRODUCT DATA									
COLORS	S2000 White, S2022 Gray, S2048 Tan, S2058 Santa-Fe Tan								
WEATHERABILITY	Excellent durability, color stability and chalk resistance.								
CHEMICAL RESISTANCE	Excellent solvent and chemical resistance.								
TOXICITY	Not for use in contact with edible substances or long-term storage of potable water.								
THEORETICAL COVERAGE	1.5 gal / 100 ft ² (5.7 L / 9.3 m ²) to yield approx. 22 dry mil NOTE: Application rate is job specific and losses due to overspray, surface profile, and wind may occur. Additional material may be required to achieve 22 dry mil.								
SOLIDS	Weight: 96.5% Volume: 95%								
VOC	37 g/l (0.309 lb/gal)								
FLASH POINT	ASTM D3278			178 F (81 °C)					
STORAGE STABILITY	Two years from date of manufacture when stored in sealed containers between 0 F - 80 F (-17 °C - 26 °C).								
APPLICATION									
MIXING	Mix properly prior to application to ensure uniform color and consistency. Mechanical mixing is recommended to ensure a well-mixed product.								
THINNING	Product should not be thinned.								
SEALER	ASPHALT: GacoFlex A4271 BleedTrap™ Base Coat is strongly recommended over APP and Smooth Built-Up roofing substrates (including mineral surface cap sheets) prior to installing GacoFlex S2000*, and required for all warrantable applications over SBS. NOTE: Gaco does not recommend and does not warrant pigmented (i.e., "non-white") silicone coatings over asphalt substrates. CONCRETE: Apply GacoFlex™ E5691 Epoxy Primer/Sealer per instructions found on its Product Data Sheet (PDS). Do not apply GacoFlex E5320.								
PRIMER	Existing silicone coatings should not be primed. On other substrates and cured A4271 BleedTrap, apply GacoFlex E5320 2-Part Epoxy Primer/Filler according to Gaco application instructions.								
APPLICATION	Apply by brush or ¾ in (20 mm) nap woven roller as received. For spray application, use as received; consult GW 6-5-SG Silicone Spray Guide for more information. Do not apply if rain is expected within one (1) hour. For cold weather application, keep material stored above 65 °F (18 °C). For application in temperatures below freezing or above 120 °F (49 °C), contact Gaco. On smooth surfaces, apply one coat at a min. rate of 1.5 gal / 100 ft ² (5.7 L / 9.3 m ²) to achieve approx. 22 dry mil. On granulated and other rough surfaces, apply at a rate of 2 gal / 100 ft ² (7.6 L / 9.3 m ²) to achieve 22 dry mil. Allow GacoFlex S20 Series to dry a min. of 4 hours at 55 °F (13 °C); recoat within four (4) to forty-eight (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 and losses due to overspray, surface profile and wind may occur. Additional material may be required to achieve the required dry mil coverage.								
CURE DURATION	Final coat should be allowed to cure twenty-four (24) to forty-eight (48) hours, depending on temperature and humidity, before suitable for light foot traffic.								
CLEAN UP	Clean application tools and equipment with GacoFlex T5110 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 Safety Data Sheet.									



For more information call 800.331.0196 or reach out to your GacoFlex Local Area Manager at Gaco.com/representatives.

Gaco™