

Gaco Western

S I N C E 1 9 5 5

Product Data Sheet:

GacoFlex SF-2000 SeamSeal

May 2014

Supersedes 1/14

GACOFLEX® SF2000 SEAMSEAL SOLVENT-FREE 100% SILICONE SEALANT

DESCRIPTION: GacoFlex SF2000 SeamSeal is a silicone-based, solvent-free, single-component waterproof elastomeric moisture-curing sealant combined with a reinforcing agent.

USAGE: SeamSeal is intended for application over cleaned and primed roofs as a joint and fastener treatment in place of fabric and/or elastomeric sheet tape. It may also be used to repair blisters in spray polyurethane foam up to 4" in diameter, as a tape-seal over cracked polyurethane foam insulation, and as filler for applications over existing "alligatored" smooth BUR. SeamSeal is UV stable and may be used to repair most clean and dry roofing surfaces. It can also serve as a substitute for caulk on a variety of substrates.

LIMITATIONS: Not intended to be used to repair blisters in polyurethane foam larger than 4" in diameter.

COLOR: White

APPLIED PRODUCT DATA

WEATHERABILITY: Excellent durability, color stability and chalk resistance.

TOXICITY: Not for use in contact with edible substances or potable water.

ADHESION: Adhesion is excellent to polyurethane foam. A primer may be required for adhesion to built-up roofing, modified bitumen capsheet, single ply roofing (EPDM, TPO, PVC and Hypalon®), masonry, concrete, and wood. A primer must be used on all ferrous metals to prevent corrosion.

Contact Gaco Western's Technical Department for specific recommendations.

The following physical properties tests were performed in accordance with ASTM D-6694 with a film thickness of 20 dry mils.

TENSILE:	ASTM D2370	
	Initial Tensile Strength:	306 ± 10 psi
	Elongation:	130%
TEAR RESISTANCE:	ASTM D624 Die C	25 lbs per square inch
HARDNESS:	ASTM D2240 Shore A	55
WATER VAPOR PERMEANCE:	ASTM E96 Procedure B	7.0 perms
WET ADHESION TO POLYURETHANE FOAM:	ASTM D903	3.5 lbs per linear inch
LOW TEMPERATURE FLEX:	ASTM D522 Method B	Pass

PACKAGED PRODUCT DATA

SOLIDS:	By Weight	96%
	By Volume	95%
VOC:	35 g/l	
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 before application to ensure uniform color and consistency.
THINNING:	Product is not intended to be thinned.
PRIMER:	Existing silicone coatings should not be primed. On all other substrates, apply GacoFlex E5320 2-Part Epoxy Primer/Filler according to label directions.
APPLICATION:	<p>Apply by brush, trowel, piping bag or roller as received. For application utilizing equipment contact Gaco Western. 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.</p> <ul style="list-style-type: none">- Apply SeamSeal on all metal seams, joints, fasteners and penetrations at 75 to 100 linear feet of seams per gallon or 450 fasteners per gallon.- 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. <p>NOTE: Application rate is job-specific. Additional material may be required due to surface profile, losses due to overspray and wind, and residual coating left in the container.</p>
DRY TIME:	Allow to dry a minimum of 4 hours at 55°F (13°C) or higher before coating with GacoFlex Solvent-Free Silicone Coating (product is moisture cure, low humidity will result in longer dry times); coat within 4 to 48 hours.
CLEAN UP:	Clean up application tools and equipment with GacoFlex Silicone Solvent. DO NOT USE WATER OR RECLAIMED SOLVENTS.

For specific Safety and Health information please refer to Material Safety Data Sheet.