Gaco™

GACOFLEX™ GACOPATCH™
SILICONE ROOF PATCH

DESCRIPTION:

GacoFlex GacoPatch is a flashing grade, standalone silicone roof patch designed to be installed in a single application without reinforcement on a variety of substrates. In most cases, GacoPatch may be installed in a one-step application, reducing labor time and eliminating the cost of additional products such as primers and top coats.

New and improved technology allows for GacoPatch to be a long-term repair solution. GacoPatch does not contain asphalts or acrylics, and is extremely durable. GacoPatch remains permanently flexible, even under ponding water, and is UV stable, so it will not chalk or crack.

Fabric reinforcement may be added as desired at angle changes, or when flashing irregularly shaped penetrations. Sacrificial tape is recommended when repairing cracks more than ¼" (6.4 mm) in diameter and all cracks that are subject to movement.

USAGE:

Use GacoPatch on surface cracks*, control joints*, coping joints*, gutter seams, membrane pinholes, rain collars and fish mouths*, or as pitch pan filler.

May require the use of sacrificial tape.

PRODUCT DATA	
Color	GP1500 White, GP1525 Gray*, GP1573 Black* *Do not use colored silicones over asphaltic substrates.
Consistency	Thick, caulk-like material

APPLIED PRODUCT DATA	
Weatherability	Excellent color retention and excellent resistance to UV degradation.
Chemical Resistance	Excellent chemical resistance.
Hardness (GP1500)	ASTM D2240 55 Shore A
Adhesion	Bonds to most aged asphalt membranes*, including APP, SBS, Smooth Built-Up and Mineral Surface Cap Sheets, aged Single Ply Membranes, Concrete, Metal, Sprayed Polyurethane Foam, and most existing coatings. Adhesion tests are recommended; prime where necessary.** Existing silicone coatings should not be primed. *Discoloration or blistering may occur over some asphaltic substrates.* **Follow S20/S21 primer recommendations on General Instructions GW-4-1 Primer Guide.*
Toxicity	Not suitable for contact with edible substances or potable water storage systems.

PACKAGED PRODUCT DATA	
Coverage	7.8 gallon per 100 ft² (29.5 L per 9.3 m²) when applied at 125 wet mils: 1.8" (45.7 mm) thick. NOTE: Application rate is job-specific. Additional material may be required.
Solids (GP1500)	METHOD 4041 Weight: 80% Volume: 68%
Tensile Strength (GP1500)	ASTM D412 Strength: 184 psi Elongation: 200% Permanent Set At Break: 1%
Tear Resistance (GP1500)	ASTM D624 DIE C 32 pli (5.7 kg(f)/cm)
Hardness (GP1500)	ASTM D2240 55 Shore A
V.O.C.	< 250 g/L (< 2.1 lb/gal)
Flash Point	ASTM D93 103 °F (39 °C)
Storage Stability	Two years from date of manufacture when stored in original, unopened container between 0 °F – 75 °F (-18 °C – 24 °C).

APPLICATION	
Thinning	Product should not be thinned.
Primer	None normally required over approved substrates, but adhesion tests are recommended.
Surface Preparation	Remove loose material, dirt, and other debris from the application area with a stiff bristle brush. Cleaning of single ply membranes and other smooth surfaces with a solution of 9 parts clean water to 1 part GacoWash Concentrated Cleaner per its instructions is recommended for best results. Allow the area to dry thoroughly. [Note: Do not wash asphaltic roof substrates prior to application.] Remove rust and scale from metal surfaces with a wire brush. Slick, prefinished metal surfaces should be abraded with a wire brush or sandpaper and wiped with a clean, dry rag. GacoPatch may be applied to damp horizontal surfaces to serve as a temporary water-stop, but any standing water should first be removed.
Application	Knead and roll tube prior to application. Apply to patch area at a minimum wet thickness of 1/8" (3.2 mm) and spread at least 3" (76.2 mm) in all directions from the affected area. For cold weather applications (ambient temp <40 °F (4 °C)), keep GacoPatch stored above 65 °F (18 °C) until application. Do not apply to substrates below freezing or above 120 °F (49 °C).
Dry Time	At ⅛" (3.2 mm) thick, in 75 °F (24 °C) temperatures and 55% relative humidity, GacoPatch will be tack-free in 4 hours, fully cured in 40 hours, but can be rained on within 60 minutes. Product is moisture cure; low humidity will result in longer cure times.
Application of Top Coats	GacoPatch is UV stable. No top coat is required. Product is not intended to be painted or covered over with any product other than GacoFlex silicone roof coatings when applicable.
Clean Up	Application tools and equipment can be cleaned with GacoFlex T5110 Compliant Solvent or 100% Pure Mineral Spirits. DO NOT USE WATER OR RECLAIMED SOLVENTS. GacoPatch is UV stable and is not intended to be painted or covered over with any product other than Gaco Silicone Roof Coatings.

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