



Product Data Sheet (PDS):

GacoFlex™ AF4700 SeamSeal

Revised: 05/2021

**GACOFLEX™ AF4700 SEAMSEAL
ACRYLIC SEALANT**

A. DESCRIPTION:

GacoFlex AF4700 is a flashing grade, standalone acrylic roof patch designed to be installed in a single application on a variety of substrates. 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.

B. RECOMMENDED USE:

GacoFlex Use GacoFlex AF4700 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 (BUR).

C. LIMITATIONS:

Not intended for low-slope applications (< 2:12) or over surfaces prone to ponding water. For best results over asphalt substrates, GacoFlex A4271 BleedTrap™ Base Coat may be used to reduce the potential for discoloration caused by oil migration into the A47 coating. Not suitable for use over gravel-surfaced built-up roofs t.

D. APPROVALS:

Pending approvals.

E. PACKAGED PRODUCT DATA:

| PROPERTY | DESCRIPTION |
|-----------------------------|---|
| COLOR | AF4700 White |
| ADHESION | GacoFlex AF4700 can be directly applied to aluminum, galvanized metal, APP and SBS mod bit and asphalt roofing materials. A primer is recommended for most other substrates. The use of GacoPrime LVOC Primer is recommended for aged Single Ply Membranes. The use of GacoPrime LVOC Primer or GacoFlex E5320 is recommend for SPUF, wood, and existing acrylic roof coatings. Adhesion tests are recommended to confirm proper bond Do not apply to silicone roof coatings **Follow General Instructions GW-4-1 Primer Guide |
| THEORETICAL COVERAGE | 7.8 gal / 100 ft² (29.5 L / 9.3 m²) to achieve 125 mil (3.1 mm) Wet Film Thickness (WFT). NOTE: Additional material may be required based on substrate type and weathering. |
| SOLIDS | Weight: 65% ASTM D1644 Volume: 51% ASTM D2697 |
| STORAGE STABILITY | 24 months when stored between 50 °F – 110 °F (10 °C – 43 °C). Do not allow product to freeze. Some separation may occur after extended storage. Mix thoroughly before use. |
| TOXICITY | Not for use in contact with edible substances or potable water. |
| V.O.C. | < 50 g / L EPA Method 24 |
| FLASH POINT | > 200 °F (> 93 °C) ASTM D93 |
| CONSISTENCY | Thick, trowel-able material. |

F. PHYSICAL PROPERTIES:

| PROPERTY | ASTM TEST | REQUIREMENT | RESULT |
|-------------------------------|-----------|-------------------------------|----------------------------------|
| TENSILE STRENGTH | D412 | >= 150psi (1.03 MPa) | 192 psi (1.32 MPa) |
| ELONGATION AT BREAK – INITIAL | D412 | >= 300 % | 350% |
| TEAR RESISTANCE (DIE C) | D624 | >=100 lb/in (45.4 kg/25mm) | 102 lb / in (46.3 kg / 25 mm) |

G. APPLICATION:

| STEP | INSTRUCTIONS |
|-------------------------|---|
| THINNING | Product should not be thinned. |
| MIXING | Mix with a mechanical mixer before application to ensure uniform color and consistency. |
| SURFACE PREPARATION | Remove loose material, dirt, and other debris from the application area with a stiff bristle brush. <u>SINGLE-PLY & SMOOTH SURFACES:</u> Cleaning 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 SUBSTRATES <u>METAL:</u> Remove rust and scale from metal surfaces with a wire brush and ensure application area is free of loose rust and scaling debris. Slick, pre-finished metal surfaces should be abraded with a wire brush or sandpaper and wiped with a clean, dry rag to ensure application areas is free of loose abrasion debris. |
| PRIMER | No primer is required pending successful adhesion test. |
| APPLICATION | Mix material prior to application. Apply at a minimum rate of 0.125 in (3 mm) and spread at least 3 in (76 mm) in all directions from the affected area. For cold weather applications, (ambient temp < 40 °F (4 °C)), keep GacoFlex AF4700 SeamSeal stored above 65 °F (18 °C) until just prior to application. NOTE: Do not apply to substrates below freezing or above 120 °F (49 °C). |
| DRY TIME | At 0.125 in (3 mm) thick in 75 °F (24 °C) temperatures and 55% relative humidity, GacoFlex AF4700 SeamSeal will be tack-free in 4–6 hours and fully cured in 40 hours. High humidity and low temperature conditions will extend cure times. |
| APPLICATION OF TOPCOATS | GacoFlex AF4700 is UV-stable. No topcoat is required. Product is not intended to be painted or covered over with any product other than GacoFlex acrylic roof coatings when applicable. |
| CLEAN UP | Clean up tools and equipment with soap and water immediately after application. |

* For specific Health and Safety information, please refer to applicable Safety Data Sheet (SDS)