



Product Data Sheet (PDS):

GacoFlex™ UF9022 – GacoMastic™
Revised 10/2023

**GACOFLEX™ UF9022 – GACOMASTIC™
PHTHALATE FREE MOISTURE CURE URETHANE ROOF PATCH**

A. DESCRIPTION:

GacoFlex UF9022 GacoMastic is a phthalate free, moisture cure urethane 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 in (6.4 mm) in width and all cracks that are subject to movement.

RECOMMENDED USE:

Use GacoFlex UF9022 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.

B. LIMITATIONS:

Not suitable for use over gravel-surfaced built-up roofs.

C. PACKAGED PRODUCT DATA:

PROPERTY	DESCRIPTION
COLOR	UF9022 -Gray
ADHESION	GacoFlex UF9022 can be directly applied to aluminum, galvanized metal, aged single ply membranes (EPDM, TPO, PVC) .APP and SBS mod bit and asphalt roofing materials. A primer is recommended for most other substrates. 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	3 gal per 100 ft² (11.4 L per 9.3 m²) when applied at 50 wet mils (1.3 mm) thick. NOTE: Application rate is job specific. Additional material may be required.
SOLIDS	Weight: 93 % Volume: 90 %
STORAGE STABILITY	12 months when stored between 50 – 110 °F (10 – 43 °C). 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.	< 20 g / L EPA Method 24
FLASH POINT	96.2 °F (35.7 °C) closed cup
CONSISTENCY	Thick, trowel-able material

D. PHYSICAL PROPERTIES:

PROPERTY	ASTM TEST	RESULT
TENSILE STRENGTH	D412	340 psi (2.34 MPa)
ELONGATION AT BREAK – INITIAL	D412	415 %

E. APPLICATION:

STEP	INSTRUCTIONS
THINNING	Product should not be thinned.
MIXING	If separation of the product is noticed, 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. 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. Apply appropriate rust inhibiting primer prior to applying GacoFlex UF9022. Slick, prefinished metal surfaces should be abraded with a wire brush or sandpaper and wiped with a clean, dry rag. GacoFlex UF9022 may be applied to damp horizontal surfaces to serve as a temporary water-stop, but any standing water should first be removed.
APPLICATION	Mix material prior to application. Apply to patch area at a minimum wet thickness of 1/16 in (1.5 mm) and spread at least 3 in (76.2 mm) in all directions from the affected area. For cold weather applications (ambient temp <40 °F (4 °C)), keep GacoFlex stored above 65 °F (18 °C) until application. Do not apply to substrates below freezing or above 120 °F (49 °C). For filling deep pockets (>1/2 in, 12.7 mm) a small amount of water (1 oz per gallon) may be mixed into the patching material to ensure thorough curing,
DRY TIME	At 1/16 in (1.5 mm) thick, in 75 °F (24 °C) temperatures and 55 % relative humidity, GacoFlex UF9022 will be tack-free in two (2) to four (4) hours, fully cured in forty (40) hours. Low humidity and low temperature will result in longer cure times.
TOP COATS	GacoFlex UF9022 may yellow with exposure to UV light. GacoFlex UF9022 should be top coated to extend the life of the material. GacoFlex Silicone, aliphatic urethane or acrylic topcoat is recommended. Allow GacoFlex UF9022 to cure for sixteen (16) hours before applying topcoat
CLEAN UP	Clean up tools and equipment with appropriate solvent such as GacoFlex T5112 or T5116 as permitted by local, state or other regulatory agencies.

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