

Gaco Western

S I N C E 1 9 5 5

Product Data Sheet:

GacoFlex™ U61
April 2019

GACOFLEX U61 TWO-COMPONENT, FAST-CURE POLYASPARTIC POLYUREA HYBRID ELASTOMERIC COATING

DESCRIPTION

GacoFlex U61 is a two-component, fast-curing, high solids SCAQMD compliant elastomeric coating.

USAGE

GacoFlex U61 is intended primarily for use as a liquid applied waterproofing coating for concrete decking. GacoFlex U61 is designed for application on both pedestrian and vehicular concrete where fast return to service is desired. Typical applications include:

- Above grade interior or exterior concrete slabs
- Parking garages
- Balconies and patios
- Plaza decks
- Walkways
- Rooftop recreational areas

CONSISTENCY

GacoFlex U61 is thixotropic in nature and has a viscosity of approximately 5000 centipoises.

COLOR

Oyster (01), Pewter (02), Shale (16), Adobe (18)

APPLIED PRODUCT DATA

PROPERTY	VALUE		
Weatherability	Good weatherability and resistance to chalking.		
Chemical Resistance	Excellent resistance to water immersion, good salt and alkali resistance.		
Tensile	ASTM D412	Strength Elongation Permanent Set at Break	1420 ± 50 psi 270% ± 20 7% max
Hardness	ASTM C836	Shore A Using type 00 hardness gauge	82 Shore A min @ 70 °F (21 °C)
Tear Resistance	ASTM D624 Die C	360 lb/in min.	± 20 pli
Water Absorption	ASTM D471	21 days R.T.	2.4%
Water Vapor Permeability	ASTM E96	Procedure A 50% R.H. Difference	2.7 Perms



PACKAGED PRODUCT DATA

PROPERTY	VALUE
Packaging	1 gallon and 5 gallon metal containers.
Applied Coverage	1 gallon / 100 ft ² (3.78 L / 9.29 m ²) will yield a final dry film thickness of 14.8 mil
Solids	Volume: 93%
V.O.C.	<15 g/l
Toxicity	Contains Methylene Diphenyl Diisocyanate and Hexamethylene Diisocyanate
Flash Point	ASTM D56 (Closed Cup) -4 °F (-20 °C)
Adhesion	Product has shown excellent adhesion to GacoFlex E5320 2-Part Epoxy Primer/Filler. Priming bare concrete with GacoFlex U5677 Polyurethane Sealer or GacoFlex E5990 100% Solids Two-Component Epoxy Sealer and priming with GacoFlex E5320 2-Part Epoxy Primer/Filler is recommended prior to the application of GacoFlex U61.
Storage Stability	12 months

APPLICATION

PROPERTY	VALUE
Primer	1 gallon and 5 gallon metal containers.
Thinner	1 gallon / 100 ft ² (3.78 L / 9.29 m ²) will yield a final dry film thickness of 14.8 mil
Mixing Instructions	GacoFlex U61 is a two-component material; Equal parts by volume of POLY and ISO must be properly combined prior to application according to the following directions: <ul style="list-style-type: none"> • Use a jiffy type power mixer to thoroughly agitate POLY and ISO components individually before measuring and combining the two components. • Next, pour ISO into a clean pail and then pour POLY side into the same pail and mix aggressively for one minute with a jiffy type power mixer. While mixing, up to 10% GacoFlex T5110 thinner can be added to improve workability.
Workability	After combining and mixing, workable time will be up to 20 minutes at 75 ° F (23.9 ° C). Higher temperatures will result in significantly shorter workable time. To help ensure the longest open time for workability, once the product is combined and mixed it should be poured out immediately and spread using a notched squeegee, then back-rolled to level.
Application	Refer to specification from Gaco Western for individual job specification.
Cure	Product can be top coated 2 to 4 hours after application. Full cure will be reached in 24 hours.
Clean Up	Clean up tools and equipment with GacoFlex T5110 Compliant Silicone Solvent or acetone.

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

