



Product Data Sheet:

GacoFlex™ U61
10/2019

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

A. DESCRIPTION:

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

B. 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

C. PRODUCT CHARACTERISTICS:

PROPERTY	DESCRIPTION
Adhesion	Product has shown excellent adhesion to GacoFlex E5691 Primer Sealer. Sealing bare concrete with GacoFlex E5691 Primer Sealer is recommended prior to the application of GacoFlex U61. See application specifications for details.
Applied Coverage	1 gallon / 100 ft ² (3.78 L / 9.29 m ²) will yield a final dry film thickness of 14.8 mils
Chemical Resistance	Excellent resistance to water immersion, good salt and alkali resistance.
Color	U6101 Oyster U6102 Pewter U6116 Shale U6118 Adobe
Consistency	GacoFlex U61 is thixotropic in nature and has a viscosity of approximately 5000 centipoises.
Packaging	1 gallon and 5 gallon metal containers
Solids	Volume: 93%
Storage Stability	Part A and Part B: One year at 50 to 80 °F (10 to 27 °C)
Toxicity	Contains Methylene Diphenyl Diisocyanate and Hexamethylene Diisocyanate
V.O.C.	<15 g/l
Weatherability	Good weatherability and resistance to chalking.

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

D. PERFORMANCE STANDARD:

PROPERTY	ASTM TEST	STANDARD (MIN)
Flash Point	Flash Point	ASTM D56 (Closed Cup)
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
Tensile	ASTM D412	
	Strength	1420 ± 50 psi
	Elongation	270% ± 20
	Permanent Set at Break	7% max
Water Absorption	ASTM D471 (21 days R.T.)	2.4%
Water Vapor Permeability	ASTM E96 Procedure A 50% R.H. Difference	2.7 Perms

E. APPLICATION STEPS:

	STEP	DESCRIPTION
1.	Primer	GacoFlex U61 has shown excellent adhesion to GacoFlex E5691 3-Part Epoxy Primer Sealer.
2.	Thinner	GacoFlex U61 may be thinned up to 10% with GacoFlex T5110 Compliant Solvent to extend open/working time.
3.	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 Compliant Solvent can be added to improve workability.
4.	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. <ul style="list-style-type: none"> 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.
5.	Application	Refer to specification from Gaco for individual job specification.
6.	Cure	Product can be top coated 2 to 4 hours after application. Full cure will be reached in 24 hours.
7.	Clean Up	Clean up tools and equipment with GacoFlex T5110 Compliant Solvent or acetone.