

Gaco Western

S I N C E 1 9 5 5

Product Data Sheet (Preliminary):

GacoFlex U61
August 2015

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 required. Typical applications include: <ul style="list-style-type: none">• 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

WEATHERABILITY:	Good weatherability and resistance to chalking.
CHEMICAL RESISTANCE:	Excellent resistance to water immersion, good salt and alkali resistance.
TENSILE:	ASTM D412 Strength: 1420 ± 50 psi (Preliminary) Elongation: 270% ± 20 Permanent Set at Break: 7% Max.
HARDNESS:	ASTM C836 Shore A Using type 00 hardness gauge 82 Shore A min. @ 70°F (21°C) (Preliminary)
ADHESION:	ASTM C836 Peel strength Testing in Progress
TEAR RESISTANCE:	ASTM D624 Die C Lbs./in. Min. 360 ± 20 pli (Preliminary)
WATER ABSORPTION:	ASTM D471 21 Days R.T. Testing in Progress
WATER VAPOR PERMEABILITY:	ASTM E96 Procedure BW 100% R.H. Difference Testing in Progress
LOW TEMPERATURE BRITTLENESS:	ASTM D746 Not Tested

Made in the USA

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800.331.0196



PACKAGED PRODUCT DATA

PACKAGING:	1 gallon and 5 gallon metal containers.
APPLIED COVERAGE:	1 gallon/100 sq. ft. will yield a final dry film thickness of 14.8 mils.
SOLIDS:	Volume: 93%
VOC:	<10 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 E5990 Sealer. Bare concrete testing has not yet been verified so priming with E5990 is recommended.
STORAGE STABILITY:	6 months at 50° to 80° F (10° to 27°C) is the confirmed shelf life as of July 2015; testing is ongoing.

APPLICATION

PRIMER:	Product has shown excellent adhesion to GacoFlex E5990 Sealer. Bare concrete testing has not yet been verified so priming with E5990 is recommended.
THINNER:	GacoFlex T5110. Product may be thinned up to 10% by volume if necessary.
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: 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 10 minutes at 75° F. 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. Open time can be extended by thinning combined material with GacoFlex T5110 at 10% by volume.
APPLICATION:	Refer to specification from Gaco Western Sales Representative for individual job specification. Sample application specification would be to prepare concrete according to GW-1-1 General Instructions and apply GacoFlex E5990 Sealer at the rate of 1 gallon per 150-190 sq. ft. depending on concrete surface profile. Allow sufficient time between each coat for coating to fully cure. Top coat specification will vary depending on application.
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 or acetone.

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

