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# GACO WESTERN

## Product Data Sheet:

UA-60

April 2012

Supersedes 10/11



### GACOFLEX UA-60 ALIPHATIC POLYURETHANE COATING

DESCRIPTION:	GacoFlex UA-60 is an aliphatic, two component fire retardant elastomeric waterproofing polyurethane coating.
USAGE:	Suited for top coat applications that require great color and exterior durability, soil, abrasion, chemical and water resistance.
COLORS:	UA-6000 White Special colors available for an additional fee.

#### APPLIED PRODUCT DATA

WEATHERABILITY:	Great film integrity and color retention for continuous exterior exposure.	
CHEMICAL RESISTANCE:	Excellent for most chemicals. Good resistance to strong alkalis.	
TENSILE:	ASTM D-412	
	Strength:	3000 psi Min. (20.68 MPa)
	Elongation:	180% Min.
	Permanent Set at Break:	10% Max.
HARDNESS:	ASTM D-2240	90 ± 5 Shore A
TEAR RESISTANCE:	ASTM D-624 Die C	480 pli Min. (85.7 kg(f)/cm)
WATER ABSORPTION:	ASTM D-471 7 Days R.T.	2.8% Max.
WATER VAPOR PERMEABILITY:	ASTM E-96 Method B, 100% Difference at 73°F (23°C).	0.02 Perm Inches
FLAMMABILITY:	ASTM E108 (UL 790) Class A, over non combustible substrates when applied in accordance with published specifications.	
REFLECTANCE:	ASTM C-1549 UA-6000 White	0.89

The physical property test values listed above represent data from samples prepared under controlled conditions. Materials from job site locations will have equal values if test samples are similarly prepared.

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### PACKAGED PRODUCT DATA

COVERAGE:	Sq. Ft./Gal./Mil	960 (23.60m <sup>2</sup> /L/.02 mm)
SOLIDS:	Weight: Method 4041 Fed Std. 141	74 ± 0.5%
	Volume:	60 ± 0.5%
V.O.C. :	Volatile organic compounds are controlled to 330 grams per liter maximum. Available in a V.O.C. compliant suitable for SCAQMD.	
TOXICITY:	Inhaling high vapor concentration of solvents could have adverse health effects. Part B contains isocyanate prepolymer, which is toxic if heated in a confined area and inhaled as particulate matter. Wear respiratory protection if material is heated, sprayed, or used in a confined space. Refer to MSDS for more information.	
FLASH POINT:	ASTM D-56 Part A 22°F (-6°C) T.C.C.	Part B 60°F (16°C) T.C.C.
ADHESION:	Has good adhesion to wood masonry and other Gaco Western products. See below for primer recommendations on metal surfaces.	
STORAGE STABILITY:	In original factory sealed containers: One year at 50° to 80°F (10°C to 27°C).	
THINNER:	GacoFlex T-5130.	

### APPLICATION

PRIMER:	None required for wood or masonry. Prime metal surfaces with GacoFlex E-5320.
MIXING:	Stir Part A to suspend any settled pigment. If a cloudy separation is present in part B, warm until clear to 70°F (21°C). Combine one volume of Part A with one volume of Part B. Mix thoroughly. Power mixing is mandatory for quantities over two gallons (7.57 L).
POT LIFE:	Two to four hours at 70°F (21°C). Can be extended to six hours by thinning up to 25% with GacoFlex T-5130 thinner.
APPLICATION:	Brush or roll as mixed. Apply at one gallon per 80 to 200 square feet (3.78 L / 7.4 to 18.6 m <sup>2</sup> ) for each coat. Thin as needed as viscosity increases; however, do not thin more than two pints (.95 L) per gallon (3.78 L). Spray after thinning 10% by volume with GacoFlex T-5130 at one gallon per 80 to 200 square feet (3.78 L / 7.4 to 18.6 m <sup>2</sup> ) for each coat. Spray as received if using heated plural component equipment. (Approximately 8 to 20 mils (.20 to .51 mm) wet or 4 to 10 mils (.1 to .25 mm) dry per coat.) Thinning up to 25% with GacoFlex T-5130 thinner is permissible to extend pot life with subsequent reduction in vertical hold and film build properties. Immediately after spraying, flush spray gun, hoses and pump with GacoFlex T-5130 thinner and cleaner. Recirculate, then flush with clean GacoFlex T-5130. Use solvent supplied by Gaco Western for thinning and clean-up. Solvent from other sources may be contaminated with alcohol and will stop the cure of GacoFlex UA-60. See Gaco Western General Instructions GW-3-1 for safety and storage and SG-URETHANE for spraying instruction.
CURE:	Applied coating will set to touch in 20 to 30 minutes and can be used for light foot traffic after 24 hours cure. For vehicle traffic, an additional 24 hours is necessary. 72 hours at 70°F (21°C) is required to achieve good chemical and solvent resistance.

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