



# Product Data Sheet

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**UA-65**

August 2000  
Supersedes 12/98

## GACOFLEX UA-65 ALIPHATIC URETHANE COATING

- DESCRIPTION:** GacoFlex UA-65 is a soil resistant, color retentive, weatherable, two component, thermosetting polyurethane coating.
- USAGE:** Intended for use in areas requiring outstanding color retention and resistance to weather, soil, abrasion, oils, cleaning compounds and water. Normally used as a final coat in systems requiring outstanding gloss and color retention.
- CONSISTENCY:** Part A is an opaque, viscous, thixotropic liquid. Part B is a thin, straw colored, transparent solution. Combined parts provide a medium lacquer-like viscosity.
- COLORS:** UA-6500 White. Other colors may be made to order.

### APPLIED PRODUCT DATA

- WEATHERABILITY:** Color retention, gloss retention and durability are all outstanding.
- CHEMICAL RESISTANCE:** Excellent for most chemicals. Good resistance to strong alkalis.
- TENSILE:**
- |                         |                           |
|-------------------------|---------------------------|
| ASTM D-412              |                           |
| Strength:               | 3000 psi Min. (20.69 MPa) |
| Elongation:             | 250% Min.                 |
| Permanent Set at Break: | 10% Max.                  |
- HARDNESS:** ASTM D-2240 85 ± 5 Shore A
- TEAR RESISTANCE:** ASTM D-624 Die C 150 pli Min. (26.84 kg / cm)  
Lb / in.
- WATER ABSORPTION:** ASTM D-471 2.8% Max.  
7 Days R.T.
- WATER VAPOR PERMEABILITY:** ASTM E-96 0.012 Perm Inches (.3 mm)  
Method B, 100% Difference at 73°F (23°C).
- FIRE RESISTANCE:** Class A per ASTM E-108 when used as a topcoat over Ure-Cap U-68 base coat on urethane foam insulation.

PACKAGED PRODUCT DATA

COVERAGE:	Sq. Ft./Gal./Mil	815 ± 0.5% (20.01 m <sup>2</sup> / L / .025 mm)
SOLIDS:	Weight: Method 4041	65 ± 2%
	Fed Std. 141	
	Volume:	51 ± .2%
V.O.C. :	Volatile organic compounds are controlled to 418 grams per liter maximum.	
TOXICITY:	Contains flammable solvents and isocyanate. Vapor harmful. Threshold limit value is 100 parts solvent vapor per million parts air. Use with adequate ventilation; avoid breathing vapors or spray mist and prolonged or repeated contact with the skin. A particulate matter respirator is required for spray application. Cured film is non-toxic.	
FLASH POINT:	ASTM D-56 Part A 22°F (-6°C) TCC	Part B 30°F (-1°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:	Gaco Western T-5116.	

APPLICATION

PRIMER:	None required for wood or masonry. Prime metal surfaces other than copper with GacoFlex E-5320. Prime copper with U-5677.
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.
POT LIFE:	Two to four hours at 70°F (21°C). Can be extended to six hours by thinning up to 25% with T-5116 thinner.
APPLICATION:	Brush or roll as mixed. Apply at one gallon per 80 to 200 square feet (4.1 L / 8 to 20 m <sup>2</sup> ) for each coat. Thin as needed as viscosity increases; however, do not thin more than two pints per gallon (1 quart (.9 L)). Spray as received at one gallon per 80 to 200 square feet (4.1 L / 8 to 20 m <sup>2</sup> ) for each coat. (Approximately 8 to 20 mils (.2 to .5 mm) wet or 4 to 10 mils (.1 to .3 mm) dry per coat.) Thinning up to 25% with T-5116 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 T-5116 thinner and cleaner. Recirculate, then flush with clean T-5116. 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 UA-65. See Gaco Western General Instructions GW-3-1 (formerly GW-1, Section 1-A) 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.