

Product Data Sheet:

U-6006

December 2006
Supersedes 06/00

GACOFLEX U-6006 SINGLE COMPONENT POLYURETHANE COATING

DESCRIPTION: GacoFlex U-6006 is a single component, fire retardant moisture cure polyurethane elastomeric.

USAGE: This product is designed for use as a general purpose waterproofing coating. It provides weatherability, wear resistance, waterproofing and fire resistance to a variety of surfaces.

COLOR: Aluminum.

APPLIED PRODUCT DATA

WEATHERABILITY: Excellent.

CHEMICAL RESISTANCE: Good salt and solvent resistance. Fair resistance to acid and alkali.

TENSILE: ASTM D-412-68

Strength:	1600 psi Min (11.03 MPa)
Elongation:	400% Min.
Permanent Set At Break:	Less than 20%

TEAR RESISTANCE: ASTM D-624 Die C 230 Lb/In (41.1 kg(f)/cm)

HARDNESS, CURED: ASTM D-676 70 ± 5 Shore A

WATER VAPOR PERMEABILITY: ASTM E-96 0.02 Perm Inches
Method B, 100% R.H. Difference at 73°F (23°C)

FLAMMABILITY ASTM E-108 (UL 790) Class A when applied in accordance with published specifications.

TOXICITY: Contains flammable solvents and an isocyanate prepolymer. Threshold limit is 100 parts solvent vapor per 1 million parts air. Use only in ventilated areas or with fresh air supplied face masks if in a confined area. Avoid breathing vapors or spray mist. Contains an isocyanate polymer, which may be irritating to the skin or toxic if inhaled. Any material contacting skin should be neutralized by washing with generous quantities of soap and water.

ADHESION: Excellent adhesion to polyurethane foam, concrete and wood. See primer recommendation for other substances.

*Waterproofing and Insulating our World, from NASA to your Neighborhood,
Gaco Western has you Covered with Innovative Solutions.*

PACKAGED PRODUCT DATA

COVERAGE:	Sq. Ft./Gal./Mil:	1065 (26.1 m ² / L / .02 mm)
SOLIDS:	Weight: Method 4041	76.4%
	Fed. Std. 141	
	Volume:	66.4%

V.O.C 287 grams per liter.

FLASH POINT: ASTM D-56 65°F (18°C).

STORAGE STABILITY: One year from date of manufacture when stored in sealed containers below 75°F (24°C).

THINNER AND CLEANER: GacoFlex T-5116 Regular, GacoFlex T-5130 Spray. Use only thinners supplied by Gaco Western. Thinners from other sources may be contaminated with alcohol which will stop the cure of GacoFlex U-6006.

APPLICATION

PRIMER: None required for wood or concrete. Standard sealer system should be used on concrete surfaces other than limited flashing details. Use GacoFlex E-5320 on steel or aluminum, GacoFlex U-5677 on copper and GacoFlex E-2465 on glass and synthetic surfaces.

MIXING: Mix GacoFlex U-6006 before application to assure uniform color and consistency.

APPLICATION: Apply by brush or roller as received. Thinning up to one pint per gallon is permissible if viscosity increases. For spray application, use GacoFlex U-6006 as received. Consult Gaco Western's Spray Guide SG-U6006 for more information.

For cold weather application, keep material stored above 65°F (19°C).

CLEAN-UP: Clean spray equipment with GacoFlex T-5130 thinner. Recirculate through lines and gun until residual GacoFlex U-6006 is removed.

CURE: Applied coating will cure in 24 hours with 70°F (21°C) and 40% relative humidity. Lower temperatures and humidity will require longer times to cure.