

GACOFLEX™ U8782 FAST SET POLYUREA HYBRID

A. PRODUCT DESCRIPTION:

GacoFlex U8782 Fast Set Polyurea Hybrid is a low viscosity, fast curing, two-component, fire retarded waterproofing elastomer.

B. RECOMMENDED USE:

For use as a fast-curing high build protective coating over polyurethane foam insulation, metal roofing and other suitable substrates. May be used as a base coat with granule for vehicular and pedestrian decks.

C. APPROVALS:

- Cool Roof Council



D. PACKAGED PRODUCT DATA*:

PROPERTY	OBSERVED VALUE / DESCRIPTION
COLOR	U8782 IVORY
COVERAGE	Sq. Ft./Gal./Mil 1600 (39.3m ² / L / .02mm)
SOLIDS	100 % by weight 100 % by volume
V.O.C.	Zero VOC
FLASH POINT	Part A: >200 °F (>93 °C) Part B: >200 °F (>93 °C)
STORAGE STABILITY	Part A: One (1) year at 65 – 90 °F (18 – 32 °C) Part B: Six (6) months at 65 – 90 °F (18 – 32 °C)
TOXICITY	Part B contains polymeric diisocyanate. High concentrations can occur in inadequately ventilated environments when this is sprayed, aerosolized or heated. In such cases, respiratory protection must be worn. Refer to SDS for more information

E. APPLIED PRODUCT DATA*:

PROPERTY	
TENSILE	ASTM D-412 Strength: 2200 ± 100 psi (15.17 ± .69MPa) Elongation: 225 ± 25 %
HARDNESS	ASTM D-2240 80 ± 5 Shore A
TEAR RESISTANCE	ASTM D-624 Die200 ± 5 pli (35.7 ± 0.9 kg(f)/cm)
WATER ABSORPTION	ASTM D-471 2.5 % Maximum 7 days R.T.

WATER VAPOR PERMEABILITY	ASTM E-96 0.02 Perm Inches Method B, 100 % R.H. Difference at 73 °F (23 °C)		
CHEMICAL RESISTANCE	Good resistance to salts, hydrocarbon solvents, acids and alkalis. Fair resistance to aromatic, oxygenated and chlorinated solvents. Good hydrolytic stability.		
FLAMMABILITY	ASTM E-108 Class A		
WEATHERABILITY	Excellent durability and chalk resistance		
REFLECTANCE	ASTM C-1549 U-8782 Ivory	Initial 0.57	Aged 0.45
EMITTANCE	ASTM C-1371 U-8782 Ivory	Initial 0.80	Aged 0.84
SOLAR REFLECTANCE INDEX	U-8782 Ivory	Initial 64.80	Aged 49.58

NOTE: GacoFlex U8782 meets LEED Solar Reflectance Index (SRI) requirements and qualifies for LEED certification points under the Sustainable Sites Category, Credit 7.2: Reduction of Heat Island Effect. U8782 Ivory also meets the 3-year aged testing requirements for the California Energy Commission, Energy Efficiency Standards for Residential and Nonresidential Buildings Title 24, for Solar Reflectance and Thermal Emittance.

F. PRODUCT INSTALLATION:

STEP	INSTRUCTIONS
MIXING	Stirring may be required to ensure uniformity of the material, particularly if products have been stored at temperatures outside of the recommended range.
THINNING	Not recommended.
APPLICATION	Sprayer Recommendations: Apply with plural component airless equipment. GacoFlex U8782 can be applied up to 64 mils (1.62mm) in one pass. It is recommended to apply the full specified thickness in one application. See Gaco Western's Spray Guide SG-Fast Set Urethane for more information
CURE TIME	Coating will set in 30 seconds when applied to an insulated surface. Complete cure can take several hours depending on the ambient temperature.
CLEAN-UP	Spray equipment may be cleaned with T5112 thinner.

* For specific Safety and Health information please refer to the appropriate Safety Data Sheet that is associated with this product.

WARNING: U-8782 COMPONENTS CANNOT BE CROSS-MIXED WITH OTHER POLYURETHANE COATING MATERIALS.