



**GACOFLEX™ U61 TWO-COMPONENT, FAST-CURE testoes
POLYASPARTIC POLYUREA HYBRID ELASTOMERIC COATING**

A. DESCRIPTION:

GacoFlex™ U61 is a two-component, fast-curing, high solids SCAQMD-compliant elastomeric coating.

B. 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 desired. Typical applications include:

- Above grade interior or exterior concrete slabs
- Parking garages
- Balconies and patios
- Plaza decks
- Walkways
- Rooftop recreational areas

C. PRODUCT CHARACTERISTICS:

| PROPERTY | DESCRIPTION |
|---------------------|--|
| Adhesion | Product has shown excellent adhesion to GacoFlex E5691 Primer Sealer. Sealing bare concrete with GacoFlex E5691 Primer Sealer is recommended prior to the application of GacoFlex U61. See application specifications for details. |
| Applied Coverage | 1 gallon / 100 ft ² (3.78 L / 9.29 m ²) will yield a final dry film thickness of 14.8 mils |
| Chemical Resistance | Excellent resistance to water immersion, good salt and alkali resistance. |
| Color | U6101 Oyster U6102 Pewter U6116 Shale U6118 Adobe |
| Consistency | GacoFlex U61 is thixotropic in nature and has a viscosity of approximately 5000 centipoises. |
| Packaging | 1 gallon and 5 gallon metal containers |
| Solids | Volume: 93% |
| Storage Stability | Part A and Part B: One year at 50 to 80 °F (10 to 27 °C) |
| Toxicity | Contains Methylene Diphenyl Diisocyanate and Hexamethylene Diisocyanate |
| V.O.C. | <15 g/l |
| Weatherability | Good weatherability and resistance to chalking. |

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

D. PERFORMANCE STANDARD:

| PROPERTY | ASTM TEST | STANDARD (MIN) |
|--------------------------|---|--------------------------------|
| Flash Point | Flash Point | ASTM D56 (Closed Cup) |
| Hardness | ASTM C836 (Shore A Using type 00 hardness gauge) | 82 Shore A min @ 70 °F (21 °C) |
| Tear Resistance | ASTM D624 Die C (360 lb/in min) | ± 20 pli |
| Tensile | ASTM D412 | |
| | Strength | 1420 ± 50 psi |
| | Elongation | 270% ± 20 |
| | Permanent Set at Break | 7% max |
| Water Absorption | ASTM D471 (21 days R.T.) | 2.4% |
| Water Vapor Permeability | ASTM E96 Procedure A 50% R.H. Difference | 2.7 Perms |

E. APPLICATION STEPS:

| | STEP | DESCRIPTION |
|----|----------------------------|--|
| 1. | Primer | GacoFlex U61 has shown excellent adhesion to GacoFlex E5691 3-Part Epoxy Primer Sealer. |
| 2. | Thinner | GacoFlex U61 may be thinned up to 10% with GacoFlex T5110 Compliant Solvent to extend open/working time. |
| 3. | 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: <ul style="list-style-type: none"> 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 Compliant Solvent can be added to improve workability. |
| 4. | Workability | After combining and mixing, workable time will be up to 20 minutes at 75 °F (23.9 °C). Higher temperatures will result in significantly shorter workable time. <ul style="list-style-type: none"> 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. |
| 5. | Application | Refer to specification from Gaco for individual job specification. |
| 6. | Cure | Product can be top coated 2 to 4 hours after application. Full cure will be reached in 24 hours. |
| 7. | Clean Up | Clean up tools and equipment with GacoFlex T5110 Compliant Solvent or acetone. |