



# URETHANE PRODUCTS CORPORATION

## HIGH PERFORMANCE POLYUREA COATINGS

**UPC 6002R Spray Coating**

**High Performance Polyurea / Polyurethane**

### *Product Description*

UPC 6002R is a two component spray 100% solid Polyurea / Polyurethane fast cure spray coating that is cost effective for waterproofing existing roof structures. Silver reflective color for heat dissipation and UV reflection. Excellent bonding and encapsulation properties.

### *Properties*

UPC 6002R is a 100% solids, 2-component, 1:1 ratio material with elongation exceeding 200%. It has excellent abrasion and impact resistant characteristics.

### *Application*

UPC 6002R must be applied to the substrate using a plural component spray pump with a minimum of 2000-psi capability at the spray tip and must be heated to a minimum of 140°F. Application temperature range is between -25°F to as high as 200°F.

### *Rapid set properties*

UPC 6002R has an initial set time in 4 to 8 seconds and is tack free within 10 seconds. Return to service time depends on the application but can be as fast as one hour. The rapid set characteristics and high physical properties provides the opportunity for minimal down time.

### *Usage*

UPC 6002R is used as a roof coating over existing structures, Silver reflective color for heat dissipation and UV reflection. Recommended for water proofing existing structures. Not UL rated.

### *Coverage*

UPC 6002R is typically applied in continuous coats of 10 mills to 250 mills in thickness but has no limit on the build up thickness.

**Coverage Rates** Per sq ft (Per Gallon) Est. Subject to substrate condition.  
50 Mills = 32 sq ft 80 Mills = 20 sq ft 125 Mills = 13 sq ft

### PHYSICAL PROPERTIES

Density	ASTM D 1622	70
Hardness	ASTM D 2240	85A
Tensile	ASTM D 412	2280 psi
Elongation %	ASTM D 412	290
Tear Strength	ASTM D 470	310 lbs / inch
Abrasion	ASTM D 4060	0.7%

### CHEMICAL RESISTANCE INTERMITTENT CONTACT

Sulfuric Acid (10%)	No change in appearance
Nitric Acid (5%)	No change in appearance
Sodium Hydroxide (5%)	No change in appearance
Sodium Carbonate (2%)	No change in appearance
Aviation Fuel	No change in appearance
Diesel Fuel	No change in appearance
Mineral Oil	No change in appearance

### *Warranty information*

Testing was performed by an independent testing facility and believed To reliable. However since the data has been obtained under controlled laboratory conditions we can assume no liability for damages resulting from the use of this material. All information given without warranty or guarantee. It is our recommendation that the user perform individual testing.