



URETHANE PRODUCTS CORPORATION

HIGH PERFORMANCE POLYUREA COATINGS

UPC 6002I Spray Coating

High Performance Polyurea / Polyurethane

Product Description

UPC 6002I is a two component spray 100% solid Polyurea / Polyurethane fast cure spray coating that is cost effective for industrial application. Excellent adhesion and tensile strength characteristics, provides good impact resistance, abrasion protection.

Properties

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

Application

UPC 6002I 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 20°F to as high as 200°F.

Rapid set properties

UPC 6002I 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 6002I applications include truck bed liners, rail hopper, Industrial flooring, Resistant to oil, grease and certain chemical. Standard colors are Gray and black.

Coverage

UPC 6002I 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	45D
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.