



UPC 6001

SPRAY
COATING

Rapid set, polyurea spray elastomer coating with superior performance

UPC-6001 is a rapid set polyurea spray elastomer coating with superior performance for concrete and metal surfaces. Excellent for industrial facilities, refineries, chemical plants, and marine applications, this elastomer is non-water absorbing, has excellent hydrolytic stability, and is tested and rated for low permeability.

UPC-6001 is 100% solid, 2-component 1:1 ratio material with excellent elongation, superior chemical resistance, and strong physical properties. It also provides high chemical resistance and corrosion prevention.



Coverage

UPC-6001 is applied in continuous coats from 10 to 250 mils, and has no limit on thickness buildup.

Estimated Coverage Per Gallon

- 50 mils = 32 square feet
- 80 mils = 20 square feet
- 125 mils = 13 square feet

Primary Applications

- Secondary Containment
- Waste Water Tanks
- Steel Pipe Coating
- Concrete Restoration and Protection



Physical Properties

Density	ASTM D 1622	70
Abrasion	ASTM D 1630	530
Tear Strength	ASTM D 470	421lbs/inch
Elongation	ASTM D-412	637
Tensile Strength	ASTM D-412	3188
Hardness	ASTM D 2240	95A
Permeability	ASTM E 96	.0947WVT

Rapid Set Properties

- Initial Set Time 8-15 Seconds
- Tack Free Time 20-30 Seconds
- Return to Service Time 1-2 Hours

Sales and Distribution

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Chemical Resistance

Sulfuric Acid	No change in appearance
Nitric Acid	No change in appearance
Sodium Hydroxide	No change in appearance
Sodium Carbonate	No change in appearance
Aviation Fuel	No change in appearance
Diesel Fuel	No change in appearance

Preparation and Installation

UPC-6001 must be applied to the substrate using a plural component spray pump with a minimum of 2000-psi capability at the spray tip and heated to a minimum of 140 degrees Fahrenheit. Recommended temperature range between 20-200 degrees Fahrenheit.

UPC-6001 is a rapid set elastomer with an initial gel time from 8-20 seconds and tack free time in 30 seconds. Return to service is achieved in 1 hour.

UPC-6001 provides low permeability designed for industrial and marine environments.

UPC 6001 Spray Coating

- Low permeability
- High Chemical Resistance
- Return to Service in 1 hour
- For concrete and metal surfaces
- Non-water absorbing
- Excellent Hydrolytic Stability



Urethane Products Corporation engineers a wide range of durable polyurea coatings designed for high performance and fast return to service time.

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