

### DESCRIPTION

**Polyur 100 Series** is a two-component high build surface tolerant epoxy. It can be used as a high performance primer for the following applications: properly prepared steel, intermediate coat for field or for shop applications. It can also be used for roughened galvanized or stainless steel surface.

### FEATURES

- No induction time
- High film build 10 – 15 mils D.F.T (250 – 375 microns)
- Excellent adhesion to blasted steel or concrete
- Excellent adhesion to tightly adhered rust
- Excellent corrosion resistance
- Excellent chemical resistance. For long term color and gloss retention use aliphatic polyurethane topcoat.
- Fresh and salt water resistant
- Cold weather cure additive for temperatures down to -5°C (23°F)

### RECOMMENDED USES

- Piping and tanks
- Pulp and paper mills
- Structure steel
- Chemical plants and refineries
- Water and waste water treatment facilities
- Mining and fertilizer plants

### TECHNICAL DATA

<b>Colors available:</b>	101 Red 104 Aluminum 102 Grey 109 black 103 Cream 15 --- 40°	<b>Drying Times:</b>	
<b>Temperature Resistance</b>		<b>Dust Free:</b>	4 – 6 hours
<b>Continuous Dry:</b>	121°C (250°F)	<b>To recoat:</b>	4 hours
<b>* Solids by volume:</b>	78 % +/- 2 %	<b>Hard:</b>	12 --- 16 hours
<b>* Solids by Weight:</b>	88 % +/- 2 %	<b>Induction time:</b>	No induction
<b>Theoretical Coverage of 1 mil:</b>	1251 ft <sup>2</sup> / U.S gallon	<b>Reduction solvent:</b>	6211
<b>D.F.T. at 25 microns:</b>	116 m <sup>2</sup> / 3.78 liters	<b>Dilution:</b>	10 % by volume (if necessary)
<b>Recommended D.F.T. mils:</b>	10 – 15	<b>Catalyst:</b>	918615
<b>Dry film thickness micron:</b>	250 --- 375	<b>Ratio:</b>	4:1
<b>Viscosity:</b>	80 – 100 ku	<b>Pot Life:</b>	4 hours after mixing at 25°C (77°F) Higher temperature will shorten pot life.
<b>* Specific gravity:</b>	1.70 – 1.90 kg/lit	<b>Shelf life:</b>	24 months @ 25°C (77°F) unopened
<b>Flash Point:</b>	16°C (60.8°F)	<b>Packaging:</b>	3.02 litres (3 U.S quarts) 15.14 litres (4 U.S gallon)
<b>V.O.C.:</b>	200 grams/litre 1.67 lbs / US gal.		
<b>Immerse:</b>	7 days		

\* Data may vary according to colors

