

InstaCote IC-800

Polyurea Coating

Typical Physical Properties

WET			
Solids			
By Weight	100%		
By Volume	100%		
VOC	0.0 lbs/gal		
Coverage	Thickness	Area	Usage
	30 mil (1/32")	1 sq/ft	0.143 lbs
	60 mil (1/16")	1 sq/ft	0.30 lbs
	90 mil (3/32")	1 sq/ft	0.40 lbs
	120 mil (1/8")	1 sq/ft	0.55 lbs
	180 mil (3/16")	1 sq/ft	0.82 lbs
Weight/gallon	9 lbs combined		
Viscosity			
A Component (Isocyanate)	1000 s/cps @ 25° C		
B Component (Amine polymer)	600-800 s/cps @ 25° C		
Cure Times			
Gel	4.5 seconds		
Tack Free	60 seconds		
Post Cure	24 hours		
Recoat	Within 3-6 hours		
Shelf life	Indefinite		
Clean up solvent	Xylene, MEK, Isopropyl alcohol, Methyl Pryolidone		
Thinner	Never Recommended		
CURED			
Stress/tensile strength	1650 psi		
Elongation @ 25° C (77o F)	800%		
Hardness	70-75 Shore A		
100% Modulus	685 psi		
Tear Strength Ply	300 PLI		
Thermal Shock	-65° F with no effect		

TJN-1/01

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