

InstaCote SE

Polyurea Coating

Typical Physical Properties

WET

Solids			
By Weight	100%		
By Volume	100%		
VOC	0.0 lbs/gal		
Coverage	Thickness	Area	Usage
	100 mil (1/10")	1 sq/ft	0.57 lbs
Weight/gallon	8.7 lbs combined		
Viscosity			
A Component (Isocyanate)	800-1000 s/cps @ 25° C		
B Component (Amine polymer)	700-1000 s/cps @ 25° C		
Cure Times	35 to 50 seconds		
Gel	3 to 4 seconds		
Tack Free	25 seconds		
Post Cure	24 hours		
Recoat	Within 4 hours		
Shelf life	Part "A", Isocyanate - 6 months Part "B" Resin - 12 months		
Clean up solvent	Xylene, MEK, Isopropyl alcohol, Methyl Pryolidone		
Thinner	Never Recommended		

CURED

Stress/tensile strength	2600-2900 psi
Elongation @ 25° C (77° F)	280%
Hardness	54 Shore D
100% Modulus	1750-1950 psi
Tear Strength Ply	410 PLI
Thermal Shock	-65° F with no effect
Impact notched	330 inches/flash pounds