

# InstaCote M-25

## 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	0.15 lbs
	60 mil (1/16")	1 sq/ft	0.32 lbs
	90 mil (3/32")	1 sq/ft	0.40 lbs
	120 mil (1/8")	1 sq/ft	0.58 lbs
	180 mil (3/16")	1 sq/ft	0.82 lbs
Weight/gallon	9 lbs combined		
Viscosity			
A Component (Isocyanate)	800-1000 s/cps @ 25° C		
B Component (Amine polymer)	600-800 s/cps @ 25° C		
Cure Times			
Gel	3 seconds		
Tack Free	35 seconds		
Post Cure	24 hours		
Recoat	Within 2 hours		
Shelf life	Indefinite		
Clean up solvent	Xylene, MEK, Isopropyl alcohol, Methyl Pryolidone		
Thinner	Never Recommended		

#### CURED

Stress/tensile strength	2800-3000 psi
Elongation @ 25° C (77° F)	350-375%
Hardness	90 Shore A
100% Modulus	1750-1950 psi
Tear Strength Ply	400 PLI
Thermal Shock	-65° F with no effect
Impact Notched	65-85 in-lbs./in.

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