

Interthane® 990 HS

International
Protective Coatings

Polyurethane

PRODUCT DESCRIPTION A low VOC, two component acrylic polyurethane high performance finish coat with excellent gloss and color retention on exterior exposure for use over correctly prepared and primed surfaces.

INTENDED USES As a durable high gloss finish coat for exposed steelwork in a wide range of aggressive environments including chemical and petrochemical plants, offshore structures, bridges, pulp and paper mills, power plants and refineries.
For use over correctly prepared primed steel and masonry surfaces in both new construction and maintenance situations.
Exhibits superior application properties, environmental durability and chemical resistance. Gives excellent gloss and color retention on exterior exposure.

PRACTICAL INFORMATION FOR INTERTHANE 990 HS

Color	Wide range via the Chromascan® system			
Gloss Level	High gloss			
Volume Solids	68% ± 3% (depends on color)			
Typical Thickness	2.3 mils (50.75 microns) dry equivalent to 2.9-4.4 mils (74-110 microns) wet			
Theoretical Coverage	545 sq. ft./US gallon at 2 mils d.f.t. and stated volume solids 13.6 m ² /liter at 50 microns d.f.t. and stated volume solids			
Practical Coverage	Allow appropriate loss factors			
Method of Application	Airless spray, Air spray, Brush, Roller			
Drying Time	Overcoating Interval Interthane 990 HS with Self Minimum Maximum			
Temperature	Touch Dry	Hard Dry		
50°F (10°C)	3 1/4 hours	30 hours	30 hours	30 days
59°F (15°C)	3 hours	22 hours	22 hours	30 days
77°F (25°C)	2 hours	12 hours	12 hours	30 days
104°F (40°C)	1 hour	4 hours	4 hours	30 days

REGULATORY DATA

Flash Point	Base (Part A) 100°F (38°C)	C/A (Part B) 135°F (57°C)	Mixed 103°F (39°C)
Product Weight	12.5 lb/gal (1.5 kg/l)		
VOC	2.73 lb/gal (327 g/l)	USA - EPA Method 24	
	330 g/l	UK - PG6/23(92), Appendix 3	

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