

Intercure® 420

Rapid Recoat Epoxy



WORLD WIDE PRODUCT RANGE

PRODUCT DESCRIPTION A two component, high solids, low VOC epoxy micaceous iron oxide coating formulated on proprietary polymer technology which provides rapid cure and overcoating even under low temperature conditions.

INTENDED USES As a high build intermediate to provide excellent barrier protection as part of a high performance system suitable for use in aggressive environments including offshore, bridges, chemical and petrochemical plants, power stations, pulp and paper mills and industrial building.

Can be used as a barrier coating applied direct to steel where the environment is non aggressive.

The incorporation of plate-like micaceous iron oxide pigment, both increases the barrier effect and improves long term overcoating properties of the system making this material ideally suitable for application in the fabrication shop, prior to shipping, with final overcoating at site.

The rapid curing and overcoating properties of Intercure 420 provide production flexibility, making this product suitable for use both in new construction and on site as a maintenance coating.

PRACTICAL INFORMATION FOR INTERCURE 420

Color Natural MIO, Silver gray, Light gray

Gloss Level Matte

Volume Solids 70%

Typical Thickness 4-7 mils (100-175 microns) dry equivalent to 5.7-10.0 mils (143-250 microns) wet

Theoretical Coverage 225 sq.ft./US gallon at 5 mils d.f.t. and stated volume solids
5.60 m²/liter at 125 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

Temperature	Touch Dry		Hard Dry		Overcoating interval with recommended topcoats	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
41°F (5°C)	75 minutes	7 hours	5 hours	Extended*		
59°F (15°C)	50 minutes	4 hours	3 hours	Extended*		
77°F (25°C)	40 minutes	2 hours	2 hours	Extended*		
104°F (40°C)	30 minutes	1 hour	1 hour	Extended*		

*See International Protective Coatings Definitions and Abbreviations

REGULATORY DATA

Finish Point	Beeb (Part A)	C/A (Part B)	Mixed
	84°F (29°C)	79°F (26°C)	81°F (27°C)
Weight	15.27-13.69 lb/gal (1.59-1.64 kg/l) (range)		
VOC	2.76 lb/gal (330 g/l) USA - EPA Method 24		
ISO 11709	320 g/l UK - PG6/23(92), Appendix 3		

International Protective Coatings, a world leader in coating technology, is pleased to offer you this innovative product across the globe.

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