

**Intercure® 420**  
Rapid Recoat Epoxy

**PRODUCT CHARACTERISTICS**

**Low Temperature Curing**  
Intercure 420 is capable of curing at temperatures below 32°F (0°C). However, this product should not be applied at temperatures below 32°F (0°C) where there is a possibility of ice formation on the substrate.

Temperature	Touch Dry	Hard Dry	Overcoating interval with recommended topcoats	
			Minimum	Maximum
23°F (5°C)	2 hours	20 hours	20 hours	Extended*
32°F (0°C)	90 minutes	12 hours	12 hours	Extended*

\*See International Protective Coatings Definitions and Abbreviations  
Touch dry times shown above are actual drying times due to chemical cure, rather than physical set due to solidification of the coating film at temperatures below 32°F (0°C).  
This product must only be thinned using International thinners. The use of alternative thinners, particularly those containing ketones, can severely inhibit the curing mechanism of the coating.  
Surface temperature must always be a minimum of 5°F (3°C) above dew point.  
In common with all epoxies Intercure 420 will chalk and discolor on exterior exposure. However, these phenomena are not detrimental to anti-corrosive performance.  
This product is frequently used as a "travel coat" prior to final overcoating on site. To ensure best extended overcoating properties ensure over-application does not occur and that the surface is fully cleaned of any contamination which may be present in the surface texture due to the coarse nature of the micaceous iron oxide pigmentation.  
As with all products with high micaceous iron oxide levels, only relatively dark colors can be formulated, consequently with some colors of thin film finishes two coats may be needed to give good coverage.  
Absolute measured adhesion of topcoats to aged Intercure 420 is less than that to fresh material, however, it is adequate for the specified end use.

**SYSTEMS COMPATIBILITY**

Please consult International Protective Coatings for specific information regarding application to prefabrication primers.

The following primers are recommended for Intercure 420:

- Intercure 200
- Intergard 251
- Intergard 269
- Intersine 12 (mist coat or tie coat recommended)\*
- Intersine 22 (mist coat or tie coat recommended)\*
- Intersine 42
- Intersine 52
- Intersine 315

The following topcoats are recommended for Intercure 420:

- Intercryl 530
- Interline 629 HS
- Intergard 740
- Interrhane 890

For other suitable primers/topcoats, please consult International Protective Coatings.

\* See relevant product data sheet for details.

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