

# Intercure 200HS

## Fast cure anti-corrosive with added barrier protection

A fast drying reputation isn't all Intercure® 200HS is renowned for.

Complete with MIO, this primer/intermediate can improve your productivity and lower your solvent emissions.

- Primer and intermediate in just one coat
- Rapid recoat times
- Low temperature cure, cures down to 0°C (32°F)
- Zinc phosphate for anti corrosive performance
- Contains MIO for enhanced barrier protection
- Extended recoatability allows flexibility when top coating
- Can be applied at 200µm (6-8 mils) in a single coat
- Available in a variety of colors



# Second generation, low VOC technology

Formulated to meet developing environmental legislation, Intercure® 200HS provides all the benefits of our proprietary Intercure® technology, now at 80% volume solids (230g/l VOC).

Where high performance multicoat systems are required, Intercure® 200HS can be applied at 200 microns (8 mils) dft in a single coat. This high build feature, when combined with the rapid recoat times associated with Intercure® technology, allows for even the most demanding anticorrosive specifications to be applied in a single work period.

The extended recoating times cater for easy application of the final coat on-site. The tough abrasion resistant nature of Intercure® 200HS ensures that steelwork arrives on-site with a minimum of mechanical damage.

The benefits of Intercure® 200HS are also applicable to maintenance projects. Combine with Intercure® 99 finish for a productivity enhancing two coat system or with Interfine® 878 polysiloxane for long term aesthetics which can last up to four times longer than standard polyurethane topcoats.

The rapid dry times and high build properties of Intercure® 200HS ensure that the time taken to apply a high performance system is as short as possible thereby minimizing down time and associated contract costs such as man hours, scaffolding and equipment hire.

## Technical information

Color	Sand, Grey and Red		
Gloss level	Matt		
Volume solids	80%		
Film thickness	150 - 200µm (6-8 mils) dry		
Mix ratio	3:1 by volume		
Temperature	Overcoating interval		
	Hard dry	Minimum	Maximum
5°C (41°F)	10 hours	7 hours	Extended
15°C (59°F)	6 hours	4 hours	Extended
25°C (77°F)	3 hours	3 hours	Extended
40°C (104°F)	1 hour	1 hour	Extended

## Test data

TEST TYPE	TEST METHOD	SPECIFICATION DETAILS	RESULTS
Adhesion	ISO 4624 - "Pull-off for adhesion" using portable adhesion testers	1 x 150µm (6 mils) applied directly to steel	Not less than 12 MPa (1740 psi)
Abrasion	ASTM D4060 - "Abrasion resistance of coatings via the Taber Abraser"	1 x 150µm (6 mils) applied directly to steel cycles	Average of 145mg (2.2gr) weight loss per 1000 using CS10 wheels and 1kg (2.2lbs) loading
Salt spray	ISO 7253 - "Resistance to neutral salt spray (fog) @ 35°C (95°F)"	1 x 125µm (5 mils) dft top coated with 125µm (5 mils) dft Interthane® 870	No film defects and an average of 2.5 mm ( <sup>3</sup> / <sub>32</sub> " ) rust creep at the scribe after 3000 hours
Prohesion	ASTM G85, Annex A5 - "Modified salt spray or Prohesion test"	1 x 150µm (6 mils) dft applied directly to Sa2.5 (SSPC-SP10) blasted steel	No film defects after 1000 hours exposure

The above performance data has been compiled based on present experience of in-service product performance and upon performance data obtained under laboratory test conditions. Actual performance of the product will depend upon the conditions in which the product is used.

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