

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 (³ / ₃₂ ") 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.

www.international-pc.com
pc.communication@akzonobel.com

All trademarks mentioned in this publication are owned by the AkzoNobel group of companies. © Akzo Nobel 2014. AkzoNobel has used its best endeavors to ensure that the information contained in this publication is correct at the time of printing. Please contact your local representative if you have any questions. Unless otherwise agreed by us in writing, any contract to purchase products referred to in this brochure and any advice which we give in connection with the supply of products are subject to our standard conditions of sale.