International®

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 32°F (0°C)
- Zinc Phosphate for anti corrosive performance
- Contains MIO for enhanced barrier protection
- Extended recoatability allows flexibility when top coating
- Can be applied at 6-8mils (200µm) in a single coat
- Available in a variety of colors

AkzoNobel

Second generation, low VOC Intercure technology

Formulated to meet developing environmental legislation, Intercure 200HS provides all the benefits of our proprietary Intercure technology, now at 80% volume solids (1.91 lb/gal VOC).

Where high performance multicoat systems are required, Intercure 200HS can be applied at 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.

Technical Information

Color	Sand, Grey and Red
Gloss Level	Matt
Volume Solids	80%
Film Thickness	6-8mils (150-200µm) dry
Mix Ratio	3:1 by volume

Temperature	Overcoating Interval		
	Hard Dry	Minimum	Maximum
50°F (10°C)	10 hours	7 hours	Extended
59°F (15°C)	6 hours	4 hours	Extended
77°F (25°C)	3 hours	3 hours	Extended
104°F (40°C)	1 hour	1 hour	Extended

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 minimising down time and associated contract costs such as man hours, scaffolding and equipment hire.

Test Data

TEST TYPE	TEST METHOD	SPECIFICATION DETAILS	RESULTS
Adhesion	ISO 4624 - “Pull-off for adhesion” using portable adhesion testers	1 x 6mils (150µm) applied directly to steel	Not less than 1740psi (12MPa)
Abrasion	ASTM D4060 - "Abrasion resistance of coatings via the Taber Abraser”	1 x 6mils (150µm) applied directly to steel cycles	Average of 145mg weight loss per 1000 using CS10 wheels and 1kg loading
Salt Spray	ISO 7253 - "Resistance to Neutral salt spray (fog) @ 95°F (35°C)	1 x 5mils (125µm) dft top coated with125µm dft Interthane 870	No film defects and an average of 2.5mm rust creep at the scribe after 3000 hours
Prohesion	ASTM G85, Annex A5 - "Modified salt spray or Prohesion test"	1 x 6mils (150µm) 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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