

Performance Test Data for Intercure 200HS

Zinc Phosphate Epoxy Primer



Test Type	Test Method	Specification Details	Typical Results
Flexibility	ASTM D522 - "Mandrel Bend Test of Attached Organic Coatings" , - Cylindrical Mandrel Test	1 x 100µm dft applied directly over abraded aluminium panel.	Pass at 25mm (1 inch) cylindrical mandrel diameter - No Cracks
Salt Spray	ISO 7253 - "Resistance to neutral salt spray (fog) @ 35°C"	1 x 200µm dft topcoated with 125µm dft of Interthane 870	No film defects , and an average of 2.5mm rust creep at the scribe following 3000 hours exposure.
Salt Spray	BS 3900 Part F4 - "Resistance to continuous salt spray @ 20°C"	1 x 150µm dft applied directly to Sa2.5 blasted steel.	No film defects , and no rust creep at the scribe following 2500 hours exposure.
Salt Spray	ISO 7253 - "Resistance to neutral salt spray (fog) @ 35°C"	1 x 150µm dft applied directly to Sa2.5 blasted steel.	No film defects , and an average of 1.5mm rust creep at the scribe following 1000 hours exposure.
Salt Spray	ASTM G85, Annex A5 - "Modified salt spray or Prohesion test"	1 x 150µm dft applied directly to Sa2.5 blasted steel.	No film defects , and no rust creep at the scribe following 1000 hours exposure.
Abrasion	ASTM D4060 - "Abrasion Resistance of Coatings via the Taber Abraser"	1 x 150µm dft applied directly over hand abraded steel.	Average of 145mg weight loss per 1000 cycles using CS10 wheels and a 1Kg loading.

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Adhesion	ISO 4624 - "Pull-off test for adhesion" using portable adhesion testers	1 x 150µm dft topcoated with 125µm dft of Interthane 870	Not less than 12MPa (1740psi) when using a PAT Model GM01 hydraulic adhesion tester on 5mm thick steel.

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