

Performance Test Data for Interzinc 52

Zinc Rich Epoxy Primer



Test Type	Test Method	Specification Details	Typical Results
Condensation	ISO 6270 - "Resistance to continuous condensation @ 35°C"	1 x 75µm dft applied directly to Sa2.5 blasted steel.	No film defects following 2000 hours exposure.
Salt Spray	ASTM G85, Annex A5 - "Modified salt spray or Prohesion test"	1 x 75µm dft applied directly to Sa2.5 blasted steel.	No film defects , and no rust creep at the scribe following 500 hours exposure.
Salt Spray	ISO 7253 - "Resistance to neutral salt spray (fog) @ 35°C"	1 x 75µm 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 75µm dft applied directly to Sa2.5 blasted steel.	Average of 385mg weight loss per 1000 cycles using CS10 wheels and a 1Kg loading.
Adhesion	ISO 4624 - "Pull-off test for adhesion" using portable adhesion testers	1 x 75µm dft applied directly to Sa2.5 blasted steel.	Not less than 10MPa (1450psi) when using a PAT Model GM01 hydraulic adhesion tester on 5mm thick steel.
Adhesion	ISO 2409 - "Cross cut adhesion classification"	1 x 75µm dft applied directly to Sa2.5 blasted steel.	Classification 0.

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Test Type	Test Method	Specification Details	Typical Results
Flexibility	ASTM D522 - "Mandrel Bend Test of Attached Organic Coatings" , - Conical Mandrel Test	1 x 75µm dft applied directly to Sa2.5 blasted steel.	8% Elongation.
Hardness	ASTM D3363 - "Film hardness by Pencil Test"	1 x 75µm dft applied directly to Sa2.5 blasted steel.	Classification 2H - 3H
Impact	ASTM D2794 - "Resistance to the Effects of Rapid Deformation (Impact)"	1 x 75µm dft applied directly to Sa2.5 blasted steel.	Direct Impact Resistance - 3 Joules.

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