

Performance Test Data

Interzone 954GF

Modified Epoxy



This performance test data is provided in addition to the product datasheet, which can be found online at www.international-pc.com.

Anti-Corrosive Testing

Cathodic Disbondment

Average of <6 mm following 6 months exposure

ISO15711

2 x 300µm DFT applied directly to Sa2½ blasted steel

Condensation

No film defects following 720 hours exposure

ISO 6270 "Resistance to continuous condensation @ 35°C"

2 x 300µm DFT applied directly to Sa2½ blasted steel

Approval / Certification

Approved as coating specifications for Systems 1, 4, 7a, 7b

Norsok M-501 Rev 6

Various specifications

Salt Spray

No film defects and an average of 2.6 mm rust creep at the scribe following 1440 hours exposure

ISO 7253 "Resistance to neutral salt spray (fog) @ 35°C"

2 x 300µm DFT applied directly to Sa2½ blasted steel

Water Vapour Permeability

Acceptable results versus approved control

ASTM E96 - "Water Vapour Transmission of Materials"

1 x 600µm DFT applied directly to Sa2½ blasted steel

Chemical Resistance Testing

Immersion

No film defects observed following 6 months exposure in Sea Water @40°C

ISO 2812 Part 2 - "Determination of resistance to liquids - water immersion method"

2 x 300µm DFT applied directly to Sa2½ blasted steel

Mechanical Testing

Abrasion

Average of 150mg weight loss per 1000 cycles using CS17 wheels and a 1kg loading

ASTM D4060 - "Abrasion resistance of coatings via the Taber abraser"

2 x 200µm DFT applied directly to Sa2½ blasted steel

Protective Coatings

Performance Test Data

Interzone 954GF

Modified Epoxy



Mechanical Testing

Adhesion

Typically >7.0MPa when using a PAT GM01 hydraulic adhesion tester on 4mm thick steel

ISO 4624 - "Pull-off test for adhesion using portable adhesion testers"

2 x 300µm DFT applied directly to Sa2½ blasted steel

Impact

Direct impact resistance - 18 Joules

ASTM D2794 - "Resistance to the effects of rapid deformation (impact)"

2 x 200µm DFT applied directly to Sa2½ blasted steel

Important Note

Test Performance Results were obtained in a controlled laboratory environment, as specified in the Test Method.

International Protective Coatings makes no representation that the exhibited published test results, or any other tests, actually represent results found in all field environments.

All products supplied and technical advice or recommendations given are subject to our standard Conditions of Sale.

Copyright © AkzoNobel, 2017.

All trademarks mentioned in this publication are owned by, or licensed to, the AkzoNobel group of companies.

www.international-pc.com