

Corrosion & Erosion Testing

Indestructible Paint is a long established manufacturing facility developing specialist coatings for technical applications. We hold many aerospace approvals, including ISO 9100.

We have developed specialised facilities and capabilities directed toward testing coatings on many levels, including testing some of the more unusual applications in the fields of aerospace, aeronautics, industrial and more.

Some of the testing we can offer includes:



◀ Salt Spray Cabinets for testing to ASTM B117.

Salt Spray Cabinets for testing to ASTM G85 and Annex 1,2,3 and 5. ▶



▶ 100% Humidity Cabinet for testing to ASTM D2247 or BS3900 F9.

▶ BSENISO11507 QUV BS3900-F16 accelerated weathering cabinets



Sietam Cabinet for testing to EN 3212. ▶



◀ Sand Erosion Cabinet for testing to MSRR9910 Test 22 with separate ASTM D968 Sand Abrasion tester.



Additional Test Capabilities

- Taber Abrasion Testing
- Adhesion Testing
- Nano Particle Dispenser

We carry a comprehensive range of test panels, including:

- Jete Hete
- Mild Steel
- Aluminium 2024, 5000, 6000, 7075 series
- Magnesium AZ31
- Copper
- Brass
- Plastics
- Wood

Paint Testing Equipment

- Visual Colour Cabinet
- Viscosity Measurement - ISO cups, BS cups and Viscometer
- Shore D Hardness test
- Hate "pull off" Adhesion tester - ASTM, D4541, D7234, 1504624
- Dry Film Thickness on Ferrous, Nonferrous and Composite
- Wet Film Thickness test
- Scratch test - BSENISO1518
- Drying Time test
- Reverse Impact test - ISO6272
- Conductivity testing
- Resistivity testing
- Flame Resistance testing
- Intumescent test
- Multiple Ovens and Furnaces from 50°C to 1200°C
- -85°C Freezer prEN4160



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Testing Facilities

Paint and Environmental Testing Facilities at Indestructible Paint Ltd

