

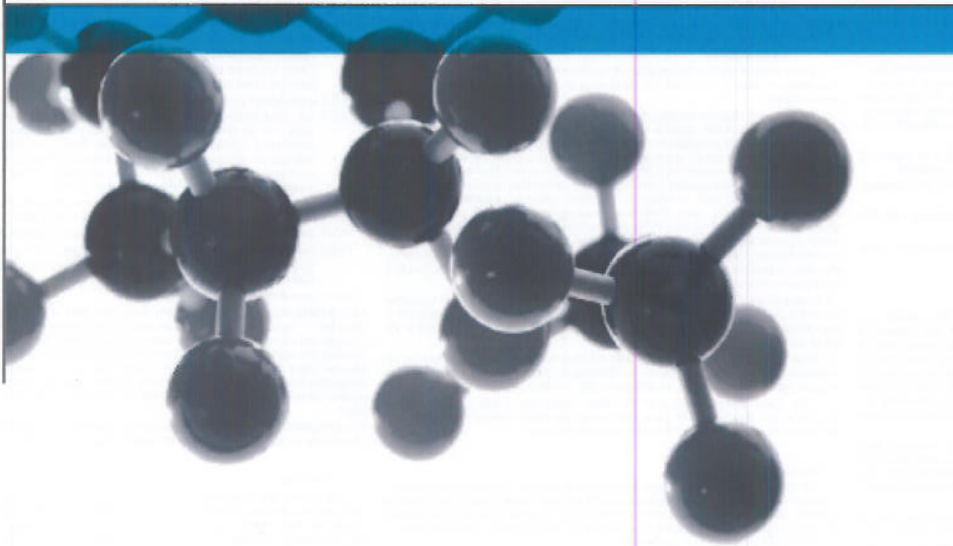
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Test Certificate

Qualification Testing of Acrylic Topcoat in Accordance with ASTM B117:2009



Saltspray resistance testing of coated steel panels

A Report To: DYO A.S.

Document Reference: N956611C

Date: 17/11/11

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Issue No.: 2

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**Testing
Advising
Assuring**

Revision History

Issue No : 2	Re - Issue Date : 17/11/2011
Revised By: Christopher Newton	Approved By: Daniel Fielding
Reason for Revision: Correction of paint names	

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1.0 INTRODUCTION

- 1.1. At the request of DY0 A.S., Exova Coatings was instructed to carry out testing of coated steel panels in accordance with ASTM B117:2009.
- 1.2. Exova Coatings has tested the items supplied by DY0 A.S., as sampled in accordance with the clients own requirements.
- 1.3. The purpose of the testing was to evaluate the performance of the supplied material under specified test conditions.

2.0 TEST SPECIMENS

- 2.1. 2x test specimens were received by the Laboratory: 'Panel 1' & 'Panel 2'.
- 2.2. The constituent coats of the panels were as follows:

Primer: P08 DY0POX ZINC PRIMER-08
 Intermediate Coat: R71 DY0POX MIDCOAT-71
 Top Coat: C71 DYPOL HS TOPCOAT-71 RAL 9010

- 2.3. Dry film thickness:

Sample	DFT (μm)		
	Min	Max	Ave
Panel 1	258	347	301
Panel 2	304	380	337

3.0 TEST METHOD

- 3.1. Testing was carried out in accordance with ASTM B117:2009 with the following test conditions:

Salt concentration: 5 +/- 1 parts by mass
 pH of salt solution: Maintained within specification of 6.5-7.2
 Quantity of fog: Within specification
 Cabinet temperature: 35 +/- 2°C
 Test duration: 1440 hours

Samples were not scribed.

4.0 TEST RESULTS

- 4.1. Evaluated in accordance with ISO 4628-2 & 3:

Sample	Rusting	Blistering
Panel 1	None present	None present
Panel 2	None present	None present

The results contained within this report have been reported in an abbreviated format. The test data and result sheets containing more detailed information in accordance with the technical works procedures or standards used are held at Exova as part of the accredited quality assurance system. Opinions and interpretations expressed herein are outside the scope of the UKAS accreditation of this laboratory.

--- END OF TEXT ---

Report Signatories and Approval

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