

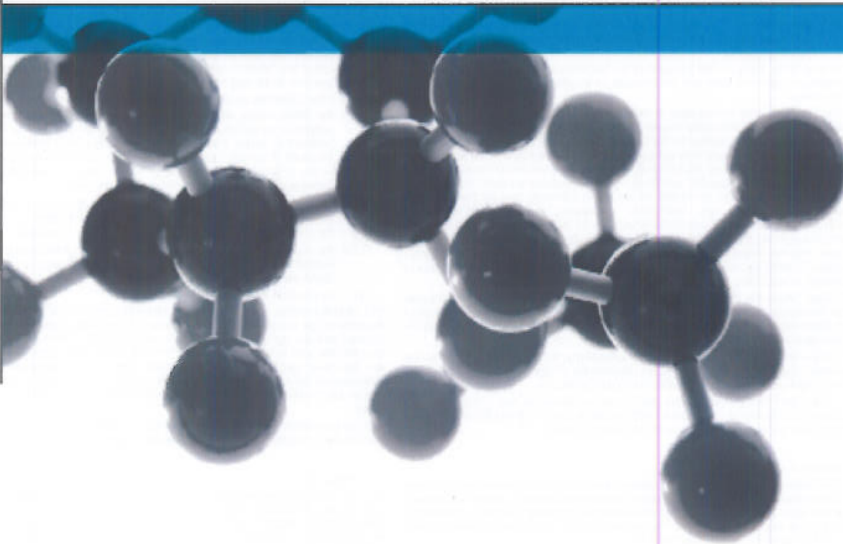
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## Test Certificate

# Qualification Testing of Acrylic Topcoat in Accordance with ASTM D4585:2007



**Humidity resistance testing of coated steel panels**

A Report To: DYO A.S.

Document Reference: N956611D

**Date:** 17/11/11

**Copy:**

**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 to top coat name	

Issue No :	Re - Issue Date :
Revised By:	Approved By:
Reason for Revision:	

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**1.0 INTRODUCTION**

- 1.1. At the request of DYO A.S., Exova Coatings was instructed to carry out testing of coated steel panels in accordance with ASTM D4585:2007
- 1.2. Exova Coatings has tested the items supplied by DYO 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 3' & 'Panel 4'.
- 2.2. The constituent coats of the panels were as follows:

Primer: P08 DYOPOX ZINC PRIMER-08  
 Intermediate Coat: R71 DYOPOX MIDCOAT-71  
 Top Coat: C71 DYOPOL HSTOPCOAT-71 RAL 9010

- 2.3. Dry film thickness:

Sample	DFT (µm)		
	Min	Max	Ave
Panel 3	244	376	315
Panel 4	230	345	271

**3.0 TEST METHOD**

- 3.1. Testing was carried out in accordance with ASTM D4585:2007 with the following test conditions:

Test temperature: 40°C  
 Duration: 720 hours

Samples were not scribed.

**4.0 TEST RESULTS**

- 4.1. Evaluated in accordance with ASTM D714:

Sample	Blistering
Panel 3	None present
Panel 4	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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