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Salt Spray Corrosion Test Report Euro Quality Coatings

Report number: UKTCS0770

Report Date: 9th May 2019

Date of Request: 27/02/19 (Rec'd 26/03/19)

Customer Reference: 005 Line 2 Aluminium

Confidential

UK & Ireland Technical Customer Service
Application Laboratory Report

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HENKEL CORROSION TEST NUMBER: 3908

CUSTOMER CONTACT: Julien Bardin / John Lawlor

CUSTOMER ADDRESS: Euro Quality Coatings Wentloog Corporate Park, Wentloog, Cardiff CF3
2ER

DESCRIPTION: Panel

BASE METAL: Aluminium

PAINT SYSTEM(S) USED: PE Powder (Akzo Nobel)

PAINT THICKNESS: 64µm

NUMBER OF SAMPLE(S): 1

PRETREATMENT TYPE/USED: Bonderite M-NT 400

OTHER INFORMATION: Panel supplied painted on one side only. Unpainted side masked with tape before test.

CORROSION TEST(S) REQUESTED: Acetic Acid Salt Spray 1000 Hours

Test Conditions: SPECIFICATION: - ASTM B117, with ISO 9227.

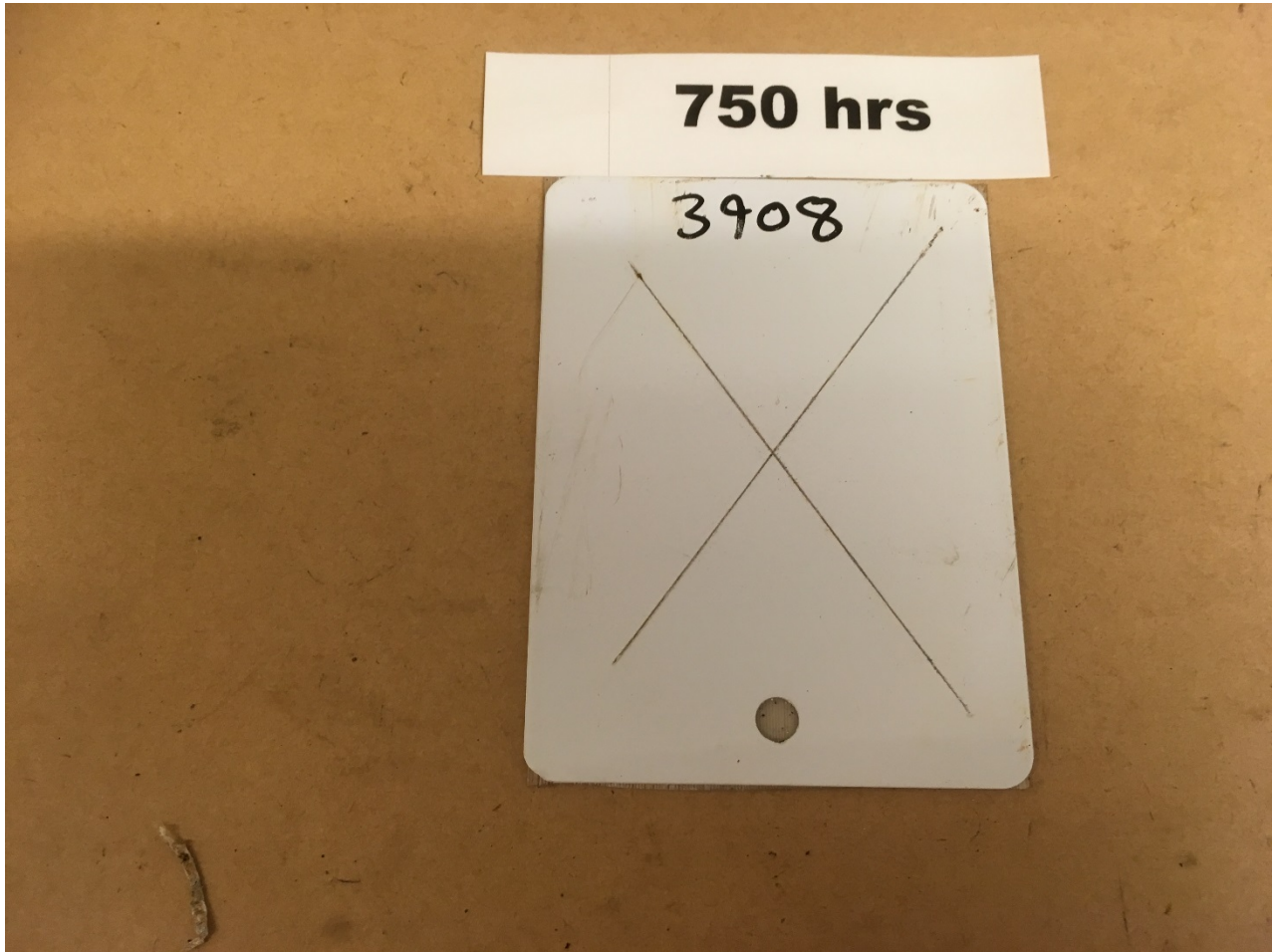
Equipment used. C+W Specialist Equipment Salt Spray Cabinet SF/MP1000.

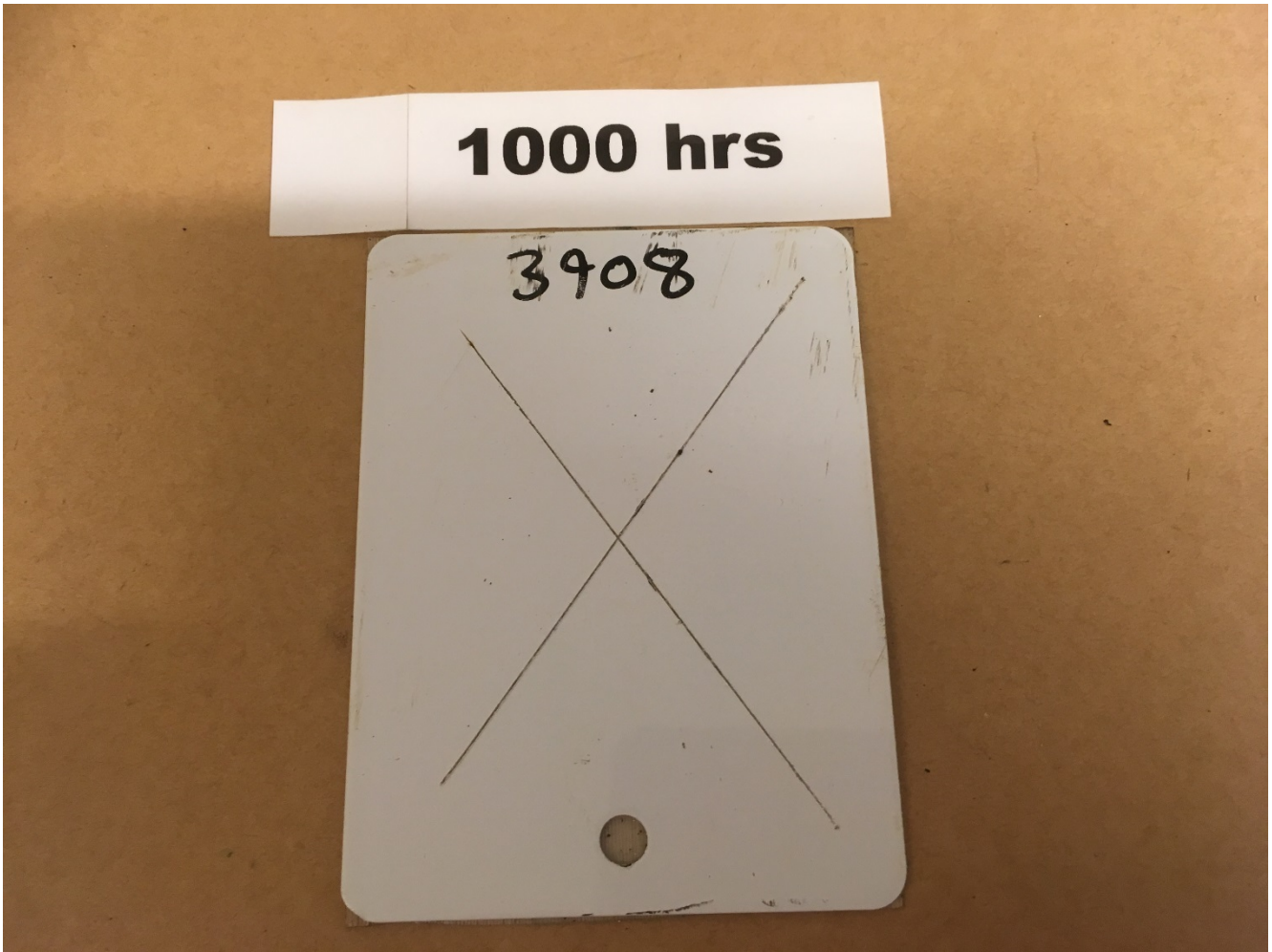
Results:

Hrs	Corrosion	Adhesion	Blisters
250	Minor white corrosion.	No paint removal.	No blisters.
500	Minor white corrosion.	No paint removal.	No blisters.
750	Minor white corrosion.	No paint removal.	No blisters.
1000	Minor white corrosion.	No paint removal.	No blisters.

Photographs







Conclusions:

After exposure to 1000 hours Acetic Acid Salt Spray, the supplied panel showed no loss of paint adhesion or blistering.

DISCLAIMER:

Any change of the substrate and/or surface quality, could bring different results therefore it is strictly necessary to test the material under the new conditions.

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For any questions concerning this report please contact TCS Engineer, Clive Scott, at 01442 278100

Prepared by:

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Reviewed by:

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The cost of this test program amounts to: £250