

Certificate of Accreditation



Keighley Laboratories Ltd

Testing Laboratory No. 0034

**Is accredited in accordance with International Standard ISO/IEC 17025:2017
– General Requirements for the competence of testing and calibration
laboratories.**

This accreditation demonstrates technical competence for a defined scope specified in the schedule to this certificate, and the operation of a management system (refer joint ISO-ILAC-IAF Communiqué dated April 2017). The schedule to this certificate is an essential accreditation document and from time to time may be revised and reissued.

The most recent issue of the schedule of accreditation, which bears the same accreditation number as this certificate, is available from www.ukas.com.

This accreditation is subject to continuing conformity with United Kingdom Accreditation Service requirements.

A handwritten signature in black ink, appearing to read "Matt Gantley", is positioned above a horizontal line.

Matt Gantley, *Chief Executive Officer*
United Kingdom Accreditation Service

Initial Accreditation: 12 February 1982
Certificate Issued: 25 January 2024



Scan QR Code to
verify

CB

Certificate of Results

Our Ref: Certificate 3000437376R

Your Ref: Order No. KGH001

This certificate replaces certificate: 3000437376

Received: 01/03/2023

Issued: 19/02/2024

Re-issued: 24/09/2024

4008 HOUR HUMIDITY TEST

<u>Items Tested:</u>	2 No. 150mm x 77mm x 3mm Coated Aluminium Alloy Test Panels
<u>Reference:</u>	Futural Pre-coated Solid Aluminium
<u>Test Specification:</u>	ASTM D2247-15 - Standard Practice for Testing Water Resistance of Coatings in 100 % Relative Humidity
<u>Referenced Specifications:</u>	ASTM D714-02 (2017) – Standard Test Method for Evaluating Degree of Blistering of Paints. AAMA 2605-22 - Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminium Extrusions and Panels.
<u>Test Cabinet Details:</u>	COFOMEGRA C200/400E Serial Number: 382 (MT014/5)
<u>Test Conditions Requirements:</u>	Cabinet Temperature 38°C ± 2°C Relative Humidity > 99%
<u>Cabinet Verification:</u>	The chamber was verified as per the requirements of ASTM D2247-15 Annex A1. The second shelving tier from the top of the chamber was verified and used for the duration of testing.
<u>Recorded Conditions:</u>	Cabinet Temperature 37 - 39°C Relative Humidity > 99%

Results

After completion of testing, the test panels were evaluated with the unaided eye comparing against Figures 1 to 4 of ASTM D714-02 (2017).

Panels A and B were evaluated as 'Few' Blister Size No. 8 randomly distributed.
AAMA 2605-22 Section 8.8.1 Requirement: 'Few' Blister Size No. 8 (Top Rating)

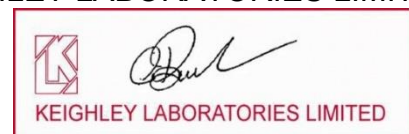
A photograph displaying the panel surfaces after testing can be seen in the Appendix.

Overall Result: Acceptable

Reason for re-issue: Change of company name and address, amendments of product name at customers' request.

FUTURAL (UK) Ltd
128 City Road,
London,
United Kingdom
EC1V 2NX

KEIGHLEY LABORATORIES LIMITED



Carl Barker
Test House Manager

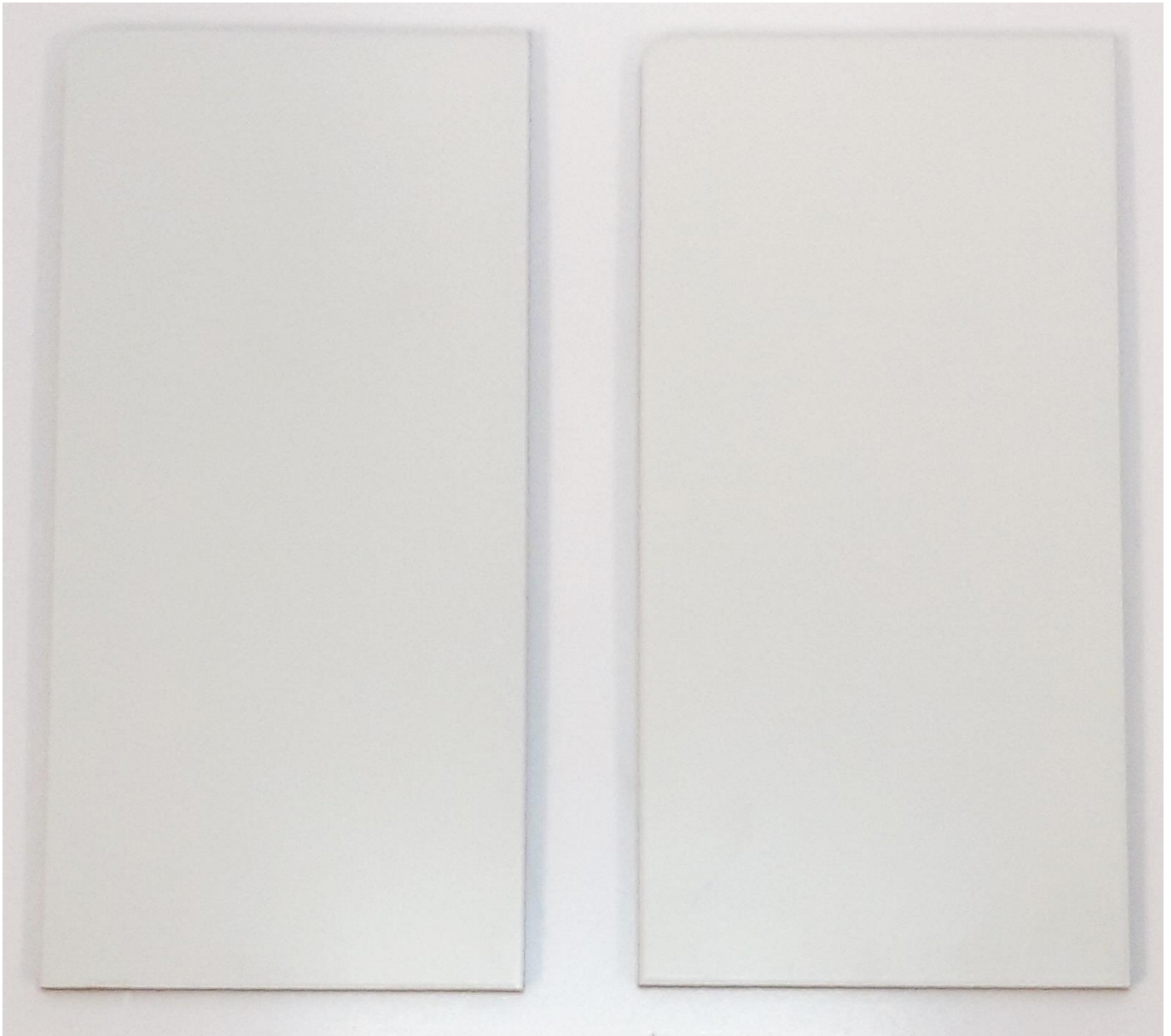
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When a certificate of conformity is required, and where guidance from the material/testing specification is not available, the **Simple Acceptance Rule (ILAC – G8:09/2019)** will be applied for borderline results that are within the uncertainty budgets for the test carried out as detailed within KLL procedure QP006 Appendix 1 (Guard band zero: Risk <50% Probability of False Accept). Certificates must not be reproduced, except in full, without written approval of Keighley Laboratories Ltd

Results relate only to the item(s) tested.

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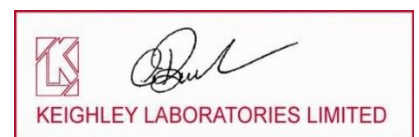
APPENDIX



Futural Pre-coated Solid Aluminium

Photograph displaying panel surfaces after testing.

KEIGHLEY LABORATORIES LIMITED



Carl Barker
Test House Manager