Certificate of Test

QUOTE No.: NE8936 **REPORT No.: FNE13302**

AS/NZS 1530.3:1999 SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME PROPAGATION, HEAT RELEASE AND SMOKE RELEASE

TRADENAME: Aluvero Aluminium Solid Panel

SPONSOR: Aluvero Pty Ltd: 2 / 23 Orchard Cresent, MONT ALBERT NORTH VIC 3129, AUSTRALIA

MANUFACTURER: Aluvero Pty Ltd

DESCRIPTION OF SAMPLE: The sponsor described the tested specimen as a coated aluminium sheet comprised of a polyvinylidene fluoride and an aluminium sheet.

Nominal thickness of PVDF coating:	30 µm to 40 µm
Nominal total thickness:	3 mm
Nominal density:	2700 kg/m³
Range of colours:	white (face) / silver (rear)

The test result only relates to the specimen tested and described in this report. CSIRO was not involved in the selection of the materials.

TEST PROCEDURE: Six (6) samples were tested in accordance with AS/NZS 1530, Method for fire tests on building components and structures, Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release, 1999. For the test, each sample was clamped to the specimen holder in four places.

RESULTS: The following means and standard errors were obtained:

Parameter	Mean	Standard Error
Ignition Time (min) Flame	N/A	N/A
Spread Time (s)	N/A	N/A
Heat Release Integral (kJ/m²)	N/A	N/A
Smoke Release ($log_{10}D$)	-2.023	0.068

For regulatory purposes these figures correspond to the following indices:

Ignitability Index (0-20)	Spread of Flame Index (0-10)	Heat Evolved Index (0-10)	Smoke Developed Index (0-10)
0	0	0	0-1

The results of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.

Testing Officer: Clive Broadhead Date of Test: 5 November 2024

Issued on the 12th day of November 2024 without alterations or additions.

Stephen Smith
Team Leader, Reaction to Fire Laboratory

End of Report

NATA Accredited Laboratory Number: 165 Corporate Site No 3625
Accredited for compliance with ISO/IEC 17025 – Testing.

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