

Certificate of Test

QUOTE No.: NE8784

REPORT No.: FNE13127

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

TRADENAME: Acetech Solid Cladding System

SPONSOR: Acetech Architectural Pty Ltd
1A, 42 Lisbon Street
FAIRFIELD EAST NSW 2165
AUSTRALIA

DESCRIPTION OF

SAMPLE: The sponsor described the tested specimen as a coated aluminium panel comprised of 5005 aluminium alloy with a polyvinylidene fluoride (PVDF) single layer thermoset coating. The PVDF coating was applied to the aluminium at an application rate of 2-m²/kg to 3-m²/kg.

Nominal thickness of PVDF coating: 35 µm
Nominal total thickness: 3 mm
Nominal density: 2700 kg/m³
Colour: silver (front face) / grey (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)	N/A	N/A
Flame Spread Time (s)	N/A	N/A
Heat Release Integral (kJ/m ²)	N/A	N/A
Smoke Release (log ₁₀ D)	-2.829	0.815

For regulatory purposes these figures correspond to the following indices:

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

DATE OF TEST: 30 October 2023

Issued on the 16th day of November 2023 without alterations or additions.



Faustin Molina
Testing Officer



Stephen Smith
Team Leader, Reaction to Fire Laboratory

End of Report

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NATA Accredited Laboratory
Number: 165
Corporate Site No 3625

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CSIRO INFRASTRUCTURE TECHNOLOGIES

14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555 www.csiro.au

