

# Certificate of Test

QUOTE No.: NE8296

REPORT No.: FNE12495

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

**TRADE NAME:** Vitradual  
**SPONSOR:** Fairview Architectural Pty Limited  
18-20 Donald Street  
LITHGOW NSW 2790  
AUSTRALIA

**DESCRIPTION OF SAMPLE:** The sponsor described the tested specimen as a prefinished solid aluminium panel with a polyvinylidene fluoride (PVDF) coating on one face.

Nominal thickness of coating: 35 µm  
Nominal thickness of aluminium: 3 mm  
Nominal total thickness: 3.035 mm  
Nominal mass: 8.1 kg/m<sup>2</sup>  
Colour: range of colours (white, red, black)

Note: The samples were tested with the coating as the exposed face.

**TEST PROCEDURE:** Six 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. As per clause 2.2.1 of the standard where a result is required to cover a range of colours, the laboratory tested the lightest and darkest colours of the range as prescribed by the sponsor.

**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 <sup>2</sup> )	N/A	N/A
Smoke Release (log <sub>10</sub> D)	-2.097	0.124

For regulatory purposes these figures correspond to the following indices:

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

The results only apply to the specimen mounted as described in this report. 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: 21 November 2019

Issued on the 6<sup>th</sup> day of December 2019 without alterations or additions.



Shaw Tran  
Testing Officer



Brett Roddy  
Team Leader, Fire Testing and Assessments

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