

Certificate of Test

Quote No.: NE7882

REPORT No.: FNE12072

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

TRADE NAME: Aliwood Aluminium Extrusion

SPONSOR: Aliwood Pty Ltd
445-447 Goulburn Valley Highway
SHEPPARTON VIC 3630
AUSTRALIA

DESCRIPTION OF SAMPLE:

The sponsor described the tested specimen as powder coated slats held together at the edges by hollow aluminium channels fixed with stainless steel screws.

The powder coat is applied at an application rate of 5.75 m²/kg.

Nominal thickness of powder coating: 75 µm
Nominal aluminium skin thickness: 1.2 mm to 2.0 mm
Nominal slat thickness: 16 mm
Nominal hollow extrusion thickness: 20.5 mm
Nominal total mass: 1.11 kg/m²
Colour: snowgum

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.

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)	-2.039	0.148

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	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.

DATE OF TEST: 10 January 2018

Issued on the 30th day of January 2018 without alterations or additions.



Faustin Molina
Testing Officer



Brett Roddy
Team Leader, Fire Testing and Assessments

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