

Certificate of Test

Quote No.: NE7311

REPORT No.: FNE11400

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

TRADE NAME: Nu-Core FR Plus

SPONSOR: Watermark International Pty Limited
9A Davis Road
WETHERILL PARK NSW 2164
AUSTRALIA

DESCRIPTION OF

SAMPLE: The sponsor described the tested specimen as an aluminium composite panel comprised of the following layers:

Layer 1: 0.5-mm thick aluminium skin with polyester-based coat finish;
Layer 2: 3-mm thick mineral-filled core;
Layer 3: 0.5-mm thick aluminium skin with polyester-based coat finish.

Nominal total thickness: 5-mm
Nominal total mass: 7 kg/m²
Colour: white (exposed aluminium face)

TEST PROCEDURE: Six samples were tested in accordance with Australian Standard 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	N/A	N/A
Smoke Release (log ₁₀ D)	-2.108	0.108

For regulatory purposes these figures correspond to the following indices:

Ignitability	Spread of Flame	Heat Evolved	Smoke
Index	Index	Index	Developed Index
(0-20)	(0-10)	(0-10)	(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: 30 April 2015

Issued on the 14th day of May 2015 without alterations or additions.



Heherson Alarde
Testing Officer



Brett Roddy
Team Leader, Fire Testing and Assessments

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