

# Certificate of Test

Quote No.: NE7390

REPORT No.: FNE11452A

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

**TRADE NAME:** Reynodual  
**SPONSOR:** Architectural Glass & Cladding Pty Ltd  
Level 1, Wharf Central  
75 Wharf Street  
TWEED HEADS NSW 2485  
AUSTRALIA

**DESCRIPTION OF SAMPLE:** The sponsor described the tested specimen as a coil-coated double sheet aluminium panel for facades comprising the following layers:

Layer 1 (exposed face): 56- $\mu$ m thick 3-coat paint layer;  
Layer 2: 1.5-mm thick aluminium sheet;  
Layer 3: epoxy layer;  
Layer 4: tie-layer of modified adhesive;  
Layer 5: epoxy layer;  
Layer 6: 1.5-mm thick aluminium sheet;  
Layer 7 (unexposed face): 5- $\mu$ m thick paint layer.

Nominal total thickness: 3-mm  
Nominal total mass: 7.9 kg/m<sup>2</sup>  
Colour: white (Duragloss 5000)

**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 (kJ/m <sup>2</sup> )	N/A	N/A
Smoke Release (log <sub>10</sub> D)	-1.528	0.073

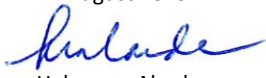
For regulatory purposes these figures correspond to the following indices:

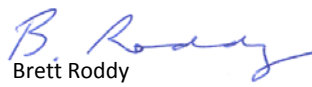
Ignitability Index	Spread of Flame Index	Heat Evolved Index	Smoke Developed Index
(0-20)	(0-10)	(0-10)	(0-10)
0	0	0	2

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: 29 July 2015

Issued on the 2<sup>nd</sup> day of September 2015 without alterations or additions. This certificate supersedes Report No. FNE11452 issued on 17 August 2015.

  
Heherson Alarde  
Testing Officer

  
Brett Roddy  
Team Leader, Fire Testing and Assessments

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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

