



<b>EWFA Test Report No.</b>	<b>495366-00.1</b>	<b>Page 1 of 2</b>
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Report Sponsor	Issue Date
Multipanel UK Limited, Unit 6, Site 2, Oak Business Units, Thoverton Road, Matford, Exeter, Devon, EX2 8FS United Kingdom	August 7 <sup>th</sup> , 2017

### Test in accordance with AS/NZS 1530.3 – 1999



Objective
To determine the performance of the material samples as described in this report when subjected to the test conditions stated in the test standard referenced below.

Product	Aluminium composite panel, Aluminium facing each side with the core being a mixed compound of LDPE and Calcium Minerals
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Test Reference	Reference Date
EWFA 49536600	August 7 <sup>th</sup> , 2017

Test Method	Supplementary Standards
AS/NZS 1530.3:1999 Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release	Nil

Product Description
The specimens tested consisted of 600mm long by 450mm wide by 4.4mm thick panels comprising of Aluminium composite panels, Aluminium facing, 0.65 mm thick (nom) each side with the core being a mixed compound of LDPE and Calcium Minerals, as nominated by the test sponsor. The specimens had a nominal mass per unit area of 7.56 kg/m <sup>2</sup> . EWFA personnel were not involved with the selection or preparation of these test specimens. Immediately prior to conducting these tests the test specimens were conditioned to a constant mass, at a temperature of 20 ± 2°C and a relative humidity of 65 ± 5%.

TESTING AUTHORITY	Exova Warringtonfire Aus Pty Ltd
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Email / Home Page	<a href="http://www.exova.com">www.exova.com</a>
Authorisation	Prepared By:  J. Richardson. Reviewed By:  C. McLean

**Test Results**

	Mean		Standard Error
Ignition Time	Nil	minutes	Nil
Flame Propagation Time	Nil	seconds	Nil
Heat Release Integral	Nil	kJ/m <sup>2</sup>	Nil
Smoke Release, log d	-1.8339		0.0324
Optical Density, d		per metre	

**Regulatory Indices**

Ignitability Index	0	Range 0 to 20
Spread of Flame Index	0	Range 0 to 10
Heat Evolved Index	0	Range 0 to 10
Smoke Developed Index	1	Range 0 to 10

**Comments**

The specimens were tested on August 4<sup>th</sup>, 2017 and none of the six specimens tested ignited.

The results only apply to the specimen mounted, as described in this report.

Ignition is initiated by a pilot flame that is held near, but does not touch the specimen. A material that does not ignite during the standard test may ignite if contact by a pilot flame during the test.

Each test specimen was clamped in four places.

**Conditions/Validity**

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These tests have been conducted in accordance with the test standard referenced above and this report should be read in conjunction with that standard.

This test report does not provide an endorsement by Exova Warringtonfire Aus Pty Ltd of the performance of the actual products supplied. The tests were performed at AWTA laboratories under the technical control of Exova Warringtonfire Aus Pty Ltd. The results of this fire test may be used to directly assess fire hazard but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.