



EWFA Test Report No.	305598-00.1	Page 1 of 2
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Report Sponsor	Issue Date
Perma Composites Pty Ltd 92 Furniss Road, Landsdale WA 6065	15 th , September, 2014

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	PermaTimber cladding, 150/21 Charcoal
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Test Reference	Reference Date
EWFA 30559800	15 th September 2014

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 599.5mm long by 450.0mm wide by 6.44mm thick panels comprising of PermaTimber cladding, 150/21 Charcoal, as nominated by the test sponsor. The panels had a nominal mass per unit area of 24.89 kg/m ² . 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°C and a relative humidity of 65%.

TESTING AUTHORITY	Exova Warringtonfire Aus Pty Ltd
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Authorisation	Prepared By:  J. Richardson. Reviewed By:  C. M. McLean

Test Results

	Mean		Standard Error
Ignition Time	5.75	minutes	0.12
Flame Propagation Time	87.8	seconds	4.0
Heat Release Integral	124.1	kJ/m ²	4.8
Smoke Release, log d	-1.0961		0.0291
Optical Density, d	0.0811	per metre	

Regulatory Indices

Ignitability Index	14	Range 0 to 20
Spread of Flame Index	4	Range 0 to 10
Heat Evolved Index	4	Range 0 to 10
Smoke Developed Index	6	Range 0 to 10

Comments

The specimens were tested on September 11th, 2014 and all six of the six specimens tested ignited.

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

Each test specimen was clamped in four places.

The specimens tended to flash before ignition. Ignition was based on the occurrence of flame which lasted more than ten seconds.

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.