

AWTA PRODUCT TESTING

A Division of Australian Wool Testing Authority Limited

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A.B.N. 43 006 014 106

Group Number Assessment (in accordance with AS 5637.1-2015)

Number: 7-562574-CV
Issue Date: 06/09/2016

This is to confirm that the product as described below has been tested by AWTA Product Testing.

Testing was performed in accordance with AS/NZS 3837 - 1998 Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter.

AWTA Product Testing report number: 7-562574-CV

Date of Test: 07/10/2008

Test Sponsor

The Laminex Group
PO Box 720
Wendouree Vic 3355

Sponsor Product Reference: "Laminex Finished Designed Timber Veneer (FDTV)"

Sponsor Product Description: Laminated timber veneer panels
Colour: Brown/Black
Nominal Composition: Laminated kraft paper Thickness: 1mm Density: 1.1kg/m²

Product Group Number Classification: Group 2
Average Specific Extinction Area: 41.4m²/kg

Chris Campbell
Client Relations Manager

It should be borne in mind that the opinions expressed in this letter are based on a limited number of observations made on a single sample and may be subject to alteration if more detailed testing was to be carried out. We recommend that you have further testing conducted if the information above is critical to your decisions on this product.

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TEST REPORT

CLIENT : THE LAMINEX GROUP
PO BOX 720
WENDOUREE VIC 3355

TEST NUMBER : 7-562574-CV
DATE : 07/10/2008
ORDER NUMBER : 1454

SAMPLE DESCRIPTION Clients Ref: "5027"
Laminated timber veneer panels
Colour: brown/black - "Allure Oak"
Nominal composition: laminated kraft paper
Nominal thickness: 1mm Approx. mass: 1.1kg/m2

AS/NZS 3837:1998 Method of Test for Heat and Smoke Release Rates
for Materials and Products Using an Oxygen
Consumption Calorimeter

Results:-

	1	Specimen 2	3	Mean	
Average Heat Release Rate	75.1	76.3	76.2	75.9	kW/m2
Average Specific extinction area (according to Specification C1.10 of the Building Code of Australia)	37.5	46.0	40.7	41.4	m2/kg

BCA Classification:-

Group Classification 2 2 2
(according to Specification A2.4 of the Building Code of Australia)

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This Laboratory is accredited by the National Association of Testing Authorities, Australia, for:
- Chemical Testing of Textiles & Related Products : Accreditation No. 983
- Mechanical Testing of Textiles & Related Products : Accreditation No. 985
- Heat & Temperature Measurement : Accreditation No. 1356

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0204/11/06

Sandolac
APPROVED SIGNATORY

Michael A. Jackson
MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR

AWTA PRODUCT TESTING

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TEST REPORT

CLIENT : THE LAMINEX GROUP
PO BOX 720
WENDOUREE VIC 3355

TEST NUMBER : 7-562574-CV
DATE : 07/10/2008
ORDER NUMBER : 1454

Test orientation: Horizontal

	Specimen				
	1	2	3	Mean	
Irradiance	50	50	50	50	kW/m2
Exhaust flow rate	24	24	24	24	l/s
Time to sustained flaming	29	27	28	28	s
Test duration	254	254	260	256	s

Heat release rate curve on attached sheets which form part of this report

Peak heat release after ignition	214.3	221.5	226.6	220.8	kW/m2
Average heat at 60s	157.7	165.5	156.1	159.8	kW/m2
Release rate at 180s	86.5	88.3	90.1	88.3	kW/m2
After ignition at 300s	n/a	n/a	n/a	n/a	kW/m2
Total heat released	16.9	17.3	17.7	17.3	MJ/m2
Average effective heat of combustion	16.0	15.7	16.1	15.9	MJ/kg

Initial thickness	1.0	1.0	1.0	1.0	mm
Initial mass	11.6	11.7	11.8	11.7	g
Mass remaining	2.6	2.3	2.6	2.5	g
Mass percentage pyrolysed	77.6	80.3	78.0	78.6	%
Mass loss	9.0	9.4	9.2	9.2	g
Average rate of mass loss	4.7	4.9	4.7	4.8	g/m2.s

Tests were conducted with a wire grid placed over the sample during testing
This was done to contain intumescent sample within the sample holder

These test results relate only to the behaviour of the product under the conditions of the test, they are not intended to be the sole criterion for the assessment of performance under real fire conditions

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