

24<sup>th</sup> September 2020

**Reference:  
AWTA Product Testing Certificate 7-591603-CV.**

The AWTA Product Testing Certificate 7-591603-CV, issued 06/09/2016 currently states the product name as “Formica Magnetic Metallic HPL”

Due rebranding, from 15/09/2020, the product will be offered as “Laminex Magnetic Metallic HPL”.

**The laminate product itself remains unchanged in all aspects – raw materials, manufacturing plant, construction, thickness, density and all performance aspects, including fire and burning behaviours.**

Accordingly, AWTA Product Testing Certificate 7-591603-CV is still relevant and representative of the Laminex (branded) Magnetic Metallic HPL.

Yours sincerely



Josh Smolenaers  
Laboratory Manager  
Laminex Australia

# AWTA PRODUCT TESTING

A Division of Australian Wool Testing Authority Limited

Laboratory: 1<sup>st</sup> Floor, 191 Racecourse Rd, Flemington, Victoria 3031 P.O. Box 240 Nth Melbourne 3051 Tel: (03) 9371 2400 Fax: (03) 9371 2499  
Website: www.awtaproducttesting.com.au Email: producttesting@awta.com.au

A.B.N. 43 006 014 106

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

Number: 7-591603-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: 7-591603-CV

Date of Test: 18/06/2013

### Test Sponsor

The Laminex Group  
PO Box 720  
Wendouree Vic 3355

Sponsor Product Reference: "Formica Magnetic Metallic HPL"

Sponsor Product Description: High pressure laminate with a decorative face and an embedded metal foil layer

Nominal Composition: Kraft paper and resin compressed into a flat sheet with a metal foil layer embedded into the centre Nominal Thickness: 1mm Density: 2800kg/m<sup>3</sup>

Product Group Number Classification: Group 2  
Average Specific Extinction Area: 25m<sup>2</sup>/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 : 7-591603-CV  
ISSUE DATE : 18/06/2013  
PRINT DATE : 18/06/2013  
ORDER NUMBER : 1870

SAMPLE DESCRIPTION Clients Ref: "Sample 13306"  
Product name: Formica Magnetic Metallic HPL High pressure laminate with a decorative face and an embedded metal foil layer Nom Thickness:1mm Density:2800 kg/m<sup>3</sup> Nom Comp:Kraft paper & resin compressed into a flat sheet with a metal foil layer embedded into the centre End Use:Vertical Carpentry

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

Results:-

	Specimen				
	1	2	3	Mean	
Average Heat Release Rate	58.5	56.9	56.9	57.4	kW/m <sup>2</sup>
Average Specific extinction area (according to Specification C1.10 of the Building Code of Australia)	32.6	24.6	17.7	25.0	m <sup>2</sup> /kg

Test orientation: Horizontal

	Specimen				
	1	2	3	Mean	
Irradiance	50	50	50	50	kW/m <sup>2</sup>
Exhaust flow rate	24	24	24	24	l/s
Time to sustained flaming	35	32	31	33	s
Test duration	339	402	363	368	s

Heat release rate curve on the 9 attached sheets which form part of this report

Peak heat release after ignition	163.3	176.1	163.9	167.8	kW/m <sup>2</sup>
Average heat at 60s	108.9	119.1	115.2	114.4	kW/m <sup>2</sup>
Release rate at 180s	81.8	87.3	84.1	84.4	kW/m <sup>2</sup>
After ignition at 300s	58.9	65.3	61.0	61.7	kW/m <sup>2</sup>
Total heat released	17.8	21.1	18.8	19.2	MJ/m <sup>2</sup>
Average effective heat of combustion	14.2	16.1	14.7	15.0	MJ/kg

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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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APPROVED SIGNATORY

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

0204/11/06

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## TEST REPORT

CLIENT : THE LAMINEX GROUP  
PO BOX 720  
WENDOUREE VIC 3355

TEST NUMBER : 7-591603-CV  
ISSUE DATE : 18/06/2013  
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Initial thickness	1.5	1.5	1.5	1.5	mm
Initial mass	29.5	29.3	29.5	29.4	g
Mass remaining	18.6	18.2	18.5	18.4	g
Mass percentage pyrolysed	36.9	37.9	37.3	37.4	%
Mass loss	10.9	11.1	11.0	11.0	g
Average rate of mass loss	4.1	3.5	3.9	3.8	g/m2.s

The formulae given in the Building Code of Australia have been shown to give inaccuracies in determination of Group Number for certain materials. Due to this AWTA Product Testing no longer reports Group Numbers. The formulae for calculation of Group Number is available from the website of the Australian Building Codes Board. Group Number calculation based on the results described in this report can be undertaken at the clients discretion

Tests were conducted with a simulated airgap, consisting of the sample resting on a 12mm spacer

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

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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( END OF REPORT )

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MANAGING DIRECTOR