

AWTA PRODUCT TESTING

A Division of Australian Wool Testing Authority Limited

Laboratory: 1st Floor, 191 Racecourse Rd, Flemington, Victoria 3031 P.O. Box 240 Nth Melbourne 3051 Tel: (03) 9371 2400 Fax: (03) 9371 2499
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A.B.N. 43 006 014 106

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

Number: 7-587260-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: 7-587260-CV

Date of Test: 28/09/2012

Test Sponsor

The Laminex Group
PO Box 720
Wendouree Vic 3355

Sponsor Product Reference: "Laminex Metaline Mineral Board"

Sponsor Product Description: Calcium Silicate Board
Nominal Composition: Calcium Silicate Board Density: 900kg/m³ Thickness: 9mm

Product Group Number Classification: Group 1
Average Specific Extinction Area: 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 : 7-587260-AV
ISSUE DATE : 28/09/2012
PRINT DATE : 01/10/2012
ORDER NUMBER : 1840

SAMPLE DESCRIPTION Clients Ref: "Promat board Sample No: 12359"
Nom: Calcium Silicate
Density: 900 kg/m³
Thickness: 9mm
End Use: Splashback thermal insulation

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	FTI	FTI	FTI	FTI	kW/m ²
Average Specific extinction area (according to Specification C1.10 of the Building Code of Australia)	3.5	1.9	6.3	4	m ² /kg

Test orientation: Horizontal

	1	Specimen 2	3	Mean	
Irradiance	50	50	50	50	kW/m ²
Exhaust flow rate	24	24	24	24	l/s
Time to sustained flaming	FTI	FTI	FTI	FTI	s
Test duration	600	600	600	600	s
Initial thickness	9.0	9.0	9.0	9.0	mm
Initial mass	84.9	85.4	86.8	85.7	g
Mass remaining	77.0	78.2	77.1	77.4	g
Mass percentage pyrolysed	9.3	8.4	11.2	9.6	%
Mass loss	7.9	7.2	9.7	8.3	g
Average rate of mass loss	1.5	1.4	1.8	1.6	g/m ² .s

FTI = Failed to Ignite
Specimens tested failed to ignite within 10 minutes and testing was ceased
as per Section 2.5.2(i).

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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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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

The results reported herein shall not be used to derive a Group Number in accordance with the NCC without undertaking validation of the performance that is predicted.

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(END OF REPORT)

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