

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing

A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031

P.O Box 240, North Melbourne, Victoria 3051

Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client : Foilboard Australia Pty Ltd
40 National Avenue
Pakenham VIC 3810

Test Number : 19-000961
Issue Date : 12/03/2019
Print Date : 12/03/2019

Sample Description

Clients Ref : 'Foilboard'

FR EPS with Aluminium facing both sides, one side green antigrare

Colour : Green/ White/ Green

End Use : Insulation

Nominal Composition : FR EPS, Pure Aluminium Foil, One side coated with antigrare ink

Nominal Mass per Unit Area/Density : Approx 13.5 kg/m3

Nominal Thickness : 15mm

AS/NZS 1530.3-1999

Methods for Fire Tests on Building Materials, Components and Structures Part 3: Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release

Face tested: Both sides

Date tested: 08/03/2019

	Standard Error	Mean
Ignition time	Nil	Nil min
Flame propagation time	Nil	Nil sec
Heat release integral	Nil	Nil kJ/m ²
Smoke release, log d	0.0722	-1.9746
Optical density, d		0.0114 / metre

Number of specimens ignited: 0

Number of specimens tested: 6

Regulatory Indices:

Ignitability Index 0 Range 0-20

Spread of Flame Index 0 Range 0-10

Heat Evolved Index 0 Range 0-10

Smoke Developed Index 1 Range 0-10

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- Chemical Testing

- Mechanical Testing

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: Accreditation No. 983

: Accreditation No. 985

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0204/11/06

APPROVED SIGNATORY

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

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These results only apply to the specimen mounted, as described in this report. The result of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.

Each test specimen had an unattached backing of 4.5mm thick fibre reinforced cement board.

Each test specimen was restrained on the exposed face by a layer of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing 12mm in both directions and the assembly clamped in four places.

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 contacted with a pilot flame during the test.

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