

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
9 DISSIK STREET
CHELTENHAM VIC 3192

TEST NUMBER : 7-558455-CV
DATE : 14/03/2008

SAMPLE DESCRIPTION Clients Ref: "Foilboard Insulation Panel"
Foil faced and backed panels
Colour: Silver/green
Enduse: insulation

**THESE RESULTS MUST BE CONSIDERED IN CONJUNCTION
WITH THE COMMENTS ON THE FOLLOWING PAGE(S)**

Material Specification provided by client:

Nom comp: FR expanded polystyrene, pure aluminium foil one side coated
with anti-glare ink
Nominal density: 13.5kg/m³
Nominal thickness: 15mm

AS/NZS 1530.3 - 1999 Simultaneous determination of Ignitability, Flame
Propagation, Heat Release and Smoke Release

RESULTS:

Face tested: Both

Date tested: 12/03/2008

	Mean		Standard Error
Ignition time	Nil	min	Nil
Flame propagation time	Nil	s	Nil
Heat release integral	Nil	kJ/m ²	Nil
Smoke release, log d	Nil		Nil
Optical density, d	Nil	/m	

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 0-1 Range 0-10

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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

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Comments:

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

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.

Each test specimen was sandwiched between two layers 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.

The specimens were mounted to simulate use in an unsupported or free hanging mode. The results may be significantly different when mounted to simulate a wall cladding or upholstery application.

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.

Since the heat source for this test is a radiator, a reduction in the reflective properties of certain materials by the deposition of dust and soot, by surface damage and by the formation of surface corrosion products, may produce a significant change in the index numbers from those obtained when the materials were tested in a new and clean condition.

Smoke Developed Index is reported as 0-1 due to the inability of the smoke measurement equipment to resolve an index of zero.

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