

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 : Acoustica
6A Nelson St
Annandale NSW 2038

Test Number : 19-005486
Issue Date : 15/10/2019
Print Date : 15/10/2019

Sample Description Clients Ref : "Acoustica GreenLAG GL15"
Foil Faced Foam
Colour : Silver/Grey
End Use : Acoustic treatment for waste/soil pipes and other noise related applications
Nominal Composition : Reinforced foil/ Acoustic Barrier / 15mm Polyurethane foam
Nominal Mass per Unit Area/Density : Approx 3.56kg/m²
Nominal Thickness : 17mm

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: Silver Face

Date tested: 15/10/2019

	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	0.0569	-2.5134
Optical density, d		0.0032 / 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 0-1 Range 0-10

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- Chemical Testing

- Mechanical Testing

- Performance & Approvals Testing

: Accreditation No. 983

: Accreditation No. 985

: Accreditation No. 1356

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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.

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.

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.

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