

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 : Delta Panels Pty Ltd
2828 Ipswich Road
Darra QLD 4076

Test Number : 18-006077
Issue Date : 15/11/2018
Print Date : 15/11/2018

Sample Description Clients Ref : "DeltaCool - PIR"
Insulated Building Panels
Nominal Composition : Pre-painted steel skins bonded to a polyisocyanurate core
Nominal Mass per Unit Area/Density : 40-42kg/m³
Nominal Thickness : 100mm

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:	Face	
Date tested:	14/11/2018	
	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	0.0443	-1.3501
Optical density, d		0.0458 / metre

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	3 Range 0-10

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- Chemical Testing
- Mechanical Testing
- Performance & Approvals Testing

: Accreditation No. 983
: Accreditation No. 985
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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.

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.

Each test specimen was 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.

The edge of each specimen was sealed using aluminium foil so that direct exposure of the core or edge of the sample would not influence the test results.

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MANAGING DIRECTOR