

# 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

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

## TEST REPORT

**Client :** Delta Panels Pty Ltd  
2828 Ipswich Road  
Darra QLD 4076

**Test Number :** 18-006075  
**Issue Date :** 14/11/2018  
**Print Date :** 14/11/2018

### Sample Description

Clients Ref : "DeltaCool - MW"

Insulated Building Panels

Nominal Composition : Pre-painted steel skins bonded to a mineral wool core

Nominal Mass per Unit Area/Density : 100kg/m<sup>3</sup>

Nominal Thickness : 125mm

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:

13/11/2018

Ignition time

Nil

Nil min

Flame propagation time

Nil

Nil sec

Heat release integral

Nil

Nil kJ/m<sup>2</sup>

Smoke release, log d

0.0142

-1.5719

Optical density, d

0.0269 / 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

2 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.

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.

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