

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 : Build Wholesale Group
15 Whitfield Boulevard
Cranbourne West VIC 3977

Test Number : 19-000883
Issue Date : 21/02/2019
Print Date : 21/02/2019

Sample Description Clients Ref : "Poliwood Composite Decking"
Engineered Decking
End Use : Decking
Nominal Composition : 60% Wood fibre, 30% high density polyethylene, 10% additive
Nominal Mass per Unit Area/Density : 854kg/m³
Nominal Thickness : 23mm

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: | 21/02/2019 | | |
| | Standard Error | Mean | |
| Ignition time | 0.30 | 6.78 | min |
| Flame propagation time | 7.5 | 88.1 | sec |
| Heat release integral | 8.9 | 122.3 | kJ/m ² |
| Smoke release, log d | 0.0617 | -1.1028 | |
| Optical density, d | | 0.0830 | / metre |
| Number of specimens ignited: | | 6 | |
| Number of specimens tested: | | 6 | |
| Regulatory Indices: | | | |
| Ignitability Index | | 13 | Range 0-20 |
| Spread of Flame Index | | 6 | Range 0-10 |
| Heat Evolved Index | | 4 | Range 0-10 |
| Smoke Developed Index | | 4 | Range 0-10 |

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- Mechanical Testing
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: 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.

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

Each test specimen was clamped along all sides.

The specimens melted away from the area of maximum heat and produced flaming droplets during the test. Due to this phenomena it should be recognised that this test result may not be a true indication of the product's fire hazard properties.

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MANAGING DIRECTOR