

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 : Borg Manufacturing Pty Ltd
2 Wella Way
Somersby NSW 2250

Test Number : 19-002325
Issue Date : 21/05/2019
Print Date : 11/06/2019
Order Number : 095202

Sample Description Clients Ref : "Structaflor"
Particleboard
Colour : Natural
End Use : Flooring
Nominal Composition : Timber, resin, wax
Nominal Mass per Unit Area/Density : 660-700kg/m3
Nominal Thickness : 22mm

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:	20/05/2019	
	Standard Error	Mean
Ignition time	0.16	6.65 min
Flame propagation time	8.6	133.2 sec
Heat release integral	3.5	113.6 kJ/m ²
Smoke release, log d	0.1008	-1.6156
Optical density, d		0.0290 / metre

Number of specimens ignited:	9
Number of specimens tested:	9

Regulatory Indices:	
Ignitability Index	13 Range 0-20
Spread of Flame Index	4 Range 0-10
Heat Evolved Index	4 Range 0-10
Smoke Developed Index	2 Range 0-10

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Page 1 of 2

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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.

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

Each test specimen was clamped in four places.

Specimens tended to flash before ignition. Ignition was based on the occurrence of a single flash of flame which lasted longer than 10 seconds.

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Page 2 of 2

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