

# 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 <sup>2</sup>
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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Accredited for compliance with ISO/IEC 17025 - Testing  
- Chemical Testing : Accreditation No. 983  
- Mechanical Testing : Accreditation No. 985  
- Performance & Approvals Testing : Accreditation No. 1356

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0204/11/06

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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