

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 : Modwood Technologies Pty Ltd
5 Jesica Road
Campbellfield VIC 3061

Test Number : 19-003881
Issue Date : 5/08/2019
Print Date : 5/08/2019

Sample Description Clients Ref : "Xtreme Guard"
Composite Decking
Colour : Brown
End Use : Decking
Nominal Composition : 55% Wood Fibre, 35% HDPE, Proprietary Top Layer
Nominal Mass per Unit Area/Density : 25kg/m²
Nominal Thickness : 24mm

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:	05/08/2019		
	Standard Error	Mean	
Ignition time	0.10	7.51	min
Flame propagation time	3.4	52.0	sec
Heat release integral	5.1	165.8	kJ/m ²
Smoke release, log d	0.0193	-0.7482	
Optical density, d		0.1795	/ metre
Number of specimens ignited:		6	
Number of specimens tested:		6	
Regulatory Indices:			
Ignitability Index		12	Range 0-20
Spread of Flame Index		7	Range 0-10
Heat Evolved Index		6	Range 0-10
Smoke Developed Index		5	Range 0-10

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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 along all sides.

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