

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

TEST REPORT

Client : Wood Modification Technologies Limited
19 Melanesia Road
Kohimarama. Auckland 1071
New Zealand

Test Number : 21-001921
Issue Date : 30/04/2021
Print Date : 5/05/2021

Sample Description Clients Ref : "FLAMEfixx board assembly"
Timber panels
Colour : Natural
Nominal Composition : Timber with flamefixx treatment
Nominal Mass per Unit Area/Density : Approx: 10.4kg/m²
Nominal Thickness : Approx: 20mm

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:	30-04-2021		
	Standard Error	Mean	
Ignition time	0.30	12.08	min
Flame propagation time	Nil	Nil	sec
Heat release integral	1.7	63.4	kJ/m ²
Smoke release, log d	0.0993	-1.9930	
Optical density, d		0.0117	/ metre
Number of specimens ignited:		6	
Number of specimens tested:		6	
Regulatory Indices:			
Ignitability Index		8	Range 0-20
Spread of Flame Index		0	Range 0-10
Heat Evolved Index		2	Range 0-10
Smoke Developed Index		1	Range 0-10

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Fiona McDonald
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.

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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