

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 : Fairview Architectural Pty Ltd
18-20 Donald Street
Lithgow NSW 2790

Test Number : 22-001585
Issue Date : 24/05/2022
Print Date : 24/05/2022

Sample Description Clients Ref : "Vitracore G2 - Test of Joints"
Rigid panel with joints
Colour : White, Grey, Black
End Use : Cladding of Buildings
Nominal Composition : Aluminium Bonded Laminate
Nominal Mass per Unit Area/Density : 4.6kg/m²
Nominal Thickness : 4mm



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Accredited for compliance with ISO/IEC 17025 - Testing
Accreditation Numbers: 983, 985, and 1356

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Fiona McDonald
APPROVED SIGNATORY



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

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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:	24-05-2022		
	Standard Error	Mean	
Ignition time	0.39	8.27	min
Flame propagation time	Nil	Nil	sec
Heat release integral	7.7	24.9	kJ/m ²
Smoke release, log d	0.2055	-1.8078	
Optical density, d		0.0266	/ metre
Number of specimens ignited:		6	
Number of specimens tested:		6	
Regulatory Indices:			
Ignitability Index		12	Range 0-20
Spread of Flame Index		0	Range 0-10
Heat Evolved Index		0	Range 0-10
Smoke Developed Index		2	Range 0-10

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 restrained on the exposed face by a layer of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing 12mm in both directions and the assembly clamped in four places.

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