

# 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 : Powder Coating  
Group NZ Limited

Test Number : 20-006280  
Issue Date : 18/12/2020  
Print Date : 18/01/2021

**Sample Description** Clients Ref : Metwood®  
Rigid Panel  
Colour : Various prints  
End Use : Architectural Aluminium Coating  
Nominal Composition : Polyester resin powder on aluminium  
Nominal Mass per Unit Area/Density : Approx: 1.2-1.7g/m2  
Nominal Thickness : 80-100um

### 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:

18/12/2020

	Standard Error	Mean
Ignition time	0.187.89 min	
Flame propagation time	Nil	Nil sec
Heat release integral	3.2	17.2 kJ/m <sup>2</sup>
Smoke release, log d	0.0363	-1.6972
Optical density, d		0.0204 / 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

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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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0204/11/06

A handwritten signature in black ink, appearing to be 'JAM', is written over a light grey rectangular background.

APPROVED SIGNATORY

A handwritten signature in black ink, appearing to be 'Michael A. Jackson', is written over a light grey rectangular background.

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