

# AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing  
A.B.N 43 006 014 106

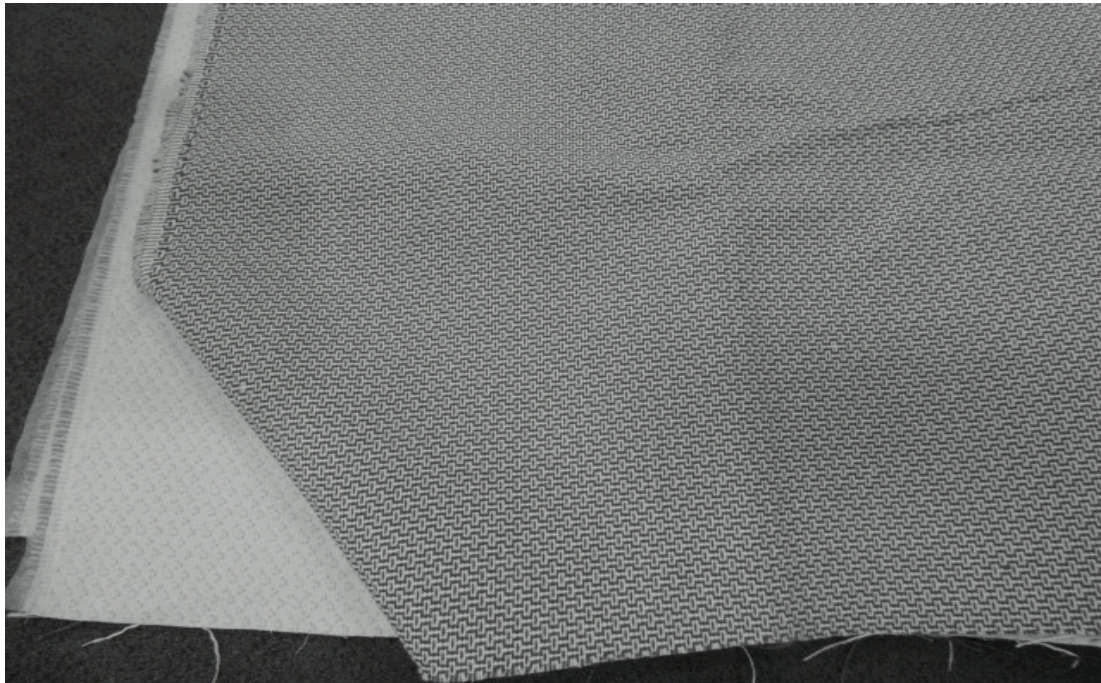
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031  
P.O Box 240, North Melbourne, Victoria 3051  
Phone (03) 9371 2400

## TEST REPORT

**Client :** Materialised Pty Ltd  
19 Heath Road  
Blakehurst NSW 2221

**Test Number :** 23-004078  
**Issue Date :** 23/10/2023  
**Print Date :** 23/10/2023  
**Order Number :** PO 000441

**Sample Description** Clients Ref : "Dynamic Keyline"  
Trilaminare upholstery fabric  
Colour : Grey/White  
End Use : Upholstery  
Nominal Composition : 100% Olefin with water proof backing  
Nominal Mass per Unit Area/Density : 513g/m<sup>2</sup>  
Nominal Thickness : Approx: 1mm



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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:	20-10-2023		
	Standard Error	Mean	
Ignition time	0.13	3.88	min
Flame propagation time	NIL	NIL	sec
Heat release integral	11.4	62.5	kJ/m <sup>2</sup>
Smoke release, log d	0.1094	-0.9777	
Optical density, d		0.1457	/ metre
Number of specimens ignited:		9	
Number of specimens tested:		9	
Regulatory Indices:			
Ignitability Index		16	Range 0-20
Spread of Flame Index		0	Range 0-10
Heat Evolved Index		2	Range 0-10
Smoke Developed Index		5	Range 0-10

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Inconsistent flame spread behaviour was observed. Only 1 of the 9 specimens registered flame spread. The Spread of Flame Index quoted above is based on these 1 specimens.

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 securely fixed to a backing board at four points each 100mm from the centre of the sample and the assembly clamped in four places.

To allow free movement of sample during testing all corners were folded away from the clamps.

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.

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