

# 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 :** Kvadrat A/S  
Lundbergsvej 10  
Ebeltoft 8400  
Denmark

**Test Number :** 25-000876  
**Issue Date :** 31/03/2025  
**Print Date :** 31/03/2025

**Sample Description** Clients Ref : "Fiord"  
Woven fabric  
Colour : Grey  
End Use : Upholstery  
Nominal Composition : 92% New Wool, worsted, 8% Nylon  
Nominal Mass per Unit Area/Density : Approx. 392g/m<sup>2</sup>  
Nominal Thickness : Approx. 1mm



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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:	31-03-2025		
	Standard Error	Mean	
Ignition time	0.59	8.32	min
Flame propagation time	Nil	Nil	sec
Heat release integral	1.1	14.0	kJ/m <sup>2</sup>
Smoke release, log d	0.0142	-1.0294	
Optical density, d		0.1007	/ metre
No of samples which ignited		6	
For Samples which ignited			
Smoke Release (Log D) - Mean		-1.0265	
Smoke Release (Log D) - Standard Error		0.0776	
No of samples which did not ignite		3	
For Samples which did not ignite			
Smoke Release (Log D) - Mean		-1.0294	
Smoke Release (Log D) - Standard Error		0.0142	
Number of specimens tested:		9	
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		4	Range 0-10

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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 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.

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