

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 : 25-000875
Issue Date : 28/03/2025
Print Date : 28/03/2025

Sample Description Clients Ref : "Sabi"
Woven fabric
Colour : Charcoal
End Use : Upholstery
Nominal Composition : 65% New wool, Worsted 23%, recycled wool, 12% Nylon
Nominal Mass per Unit Area/Density : Approx: 450g/m2



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Accreditation Numbers: 983, 985, and 1356

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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:	28-03-2025	
	Standard Error	Mean
Ignition time	0.95	10.51 min
Flame propagation time	Nil	Nil sec
Heat release integral	2.5	15.7 kJ/m ²
Smoke release, log d	0.0796	-1.1050
Optical density, d		0.0829 / metre

No of samples which ignited	3
For Samples which ignited	
Smoke Release (Log D) - Mean	-1.1050
Smoke Release (Log D) - Standard Error	0.0796
No of samples which did not ignite	6
For Samples which did not ignite	
Smoke Release (Log D) - Mean	-1.0936
Smoke Release (Log D) - Standard Error	0.0432
Number of specimens tested:	9
Regulatory Indices:	
Ignitability Index	9 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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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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A handwritten signature in black ink, appearing to read "Chris Campbell".
Chris Campbell

APPROVED SIGNATORY

A handwritten signature in black ink, appearing to read "Michael A. Jackson".
MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR