

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 : 26-003308
Issue Date : 10/09/2026
Print Date : 10/09/2026
Order Number : Lone Henriksen

Sample Description Clients Ref : "Safire 2"
Woven fabric
Colour : Cream/Taupe
End Use : Upholstery
Nominal Composition : 43% Viscose, 17% Polyacrylic, 15% Wool, 9% Cotton,
8% Polyester, 8% Linen
Nominal Mass per Unit Area/Density : 32.58 oz/ly
Nominal Thickness : 3mm



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Accreditation Numbers: 983, 985, and 1356

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Fiona McDonald

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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 (Cream/Taupe)

Date tested: 10-09-2026

	Standard Error	Mean
Ignition time	0.28	4.75 min
Flame propagation time	4.3	41.5 sec
Heat release integral	8.0	84.3 kJ/m ²
Smoke release, log d	0.0552	-1.2985
Optical density, d		0.0540 / metre

Number of specimens ignited: 9

Number of specimens tested: 9

Regulatory Indices:

Ignitability Index	15	Range 0-20
Spread of Flame Index	8	Range 0-10
Heat Evolved Index	3	Range 0-10
Smoke Developed Index	3	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.

Inconsistent flame spread behaviour was observed. Only 6 of the 9 specimens registered flame spread. The Spread of Flame Index quoted above is based on these 6 specimens.

The specimens melted and flowed away from the area of maximum heat during the test. Due to this phenomena it should be recognised that this test result may not be a true indication of the product's fire hazard properties.

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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