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

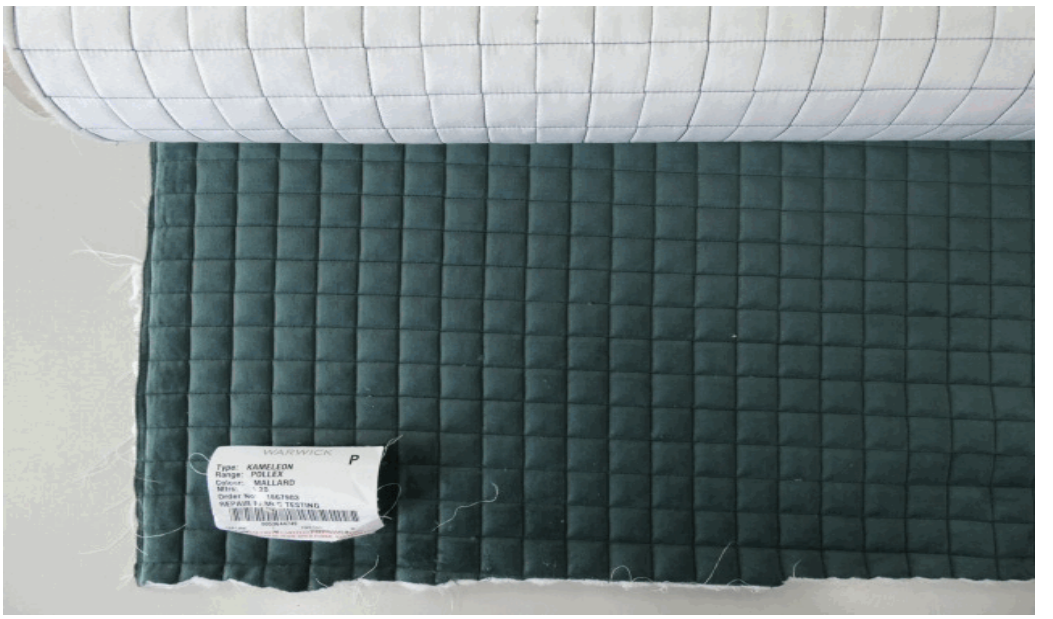
TEST REPORT

Client : Warwick Fabrics Aust Pty Ltd
6-10 Sackville Street
Collingwood VIC 3066

Test Number : 22-000709
Issue Date : 10/03/2022
Print Date : 10/03/2022

Sample Description

Clients Ref : "Pollex" - Jessica Fitzgerald
Quilted composite fabric assembly - knitted velour fabric, wadding inner, woven scrim backing
Colour : Navy and Green
End Use : Upholstery
Nominal Composition : 100% Polyester
Nominal Mass per Unit Area/Density : 560g/m2
Nominal Thickness : 4mm



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Accredited for compliance with ISO/IEC 17025 - Testing

Chris Campbell
APPROVED SIGNATORY

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

0204/11/06

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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 (Navy & Green)

Date tested: 10-03-2022

	Standard Error	Mean	
Ignition time	0.09	9.16	min
Flame propagation time	Nil	Nil	sec
Heat release integral	3.3	54.6	kJ/m²
Smoke release, log d	0.0703	-0.7301	
Optical density, d		0.1989	/ metre

Number of specimens ignited:	6	
Number of specimens tested:	6	

Regulatory Indices:

Ignitability Index	11	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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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.

The specimens melted away from the area of maximum heat and produced flaming droplets 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.

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.

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