

# AWTA PRODUCT TESTING

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

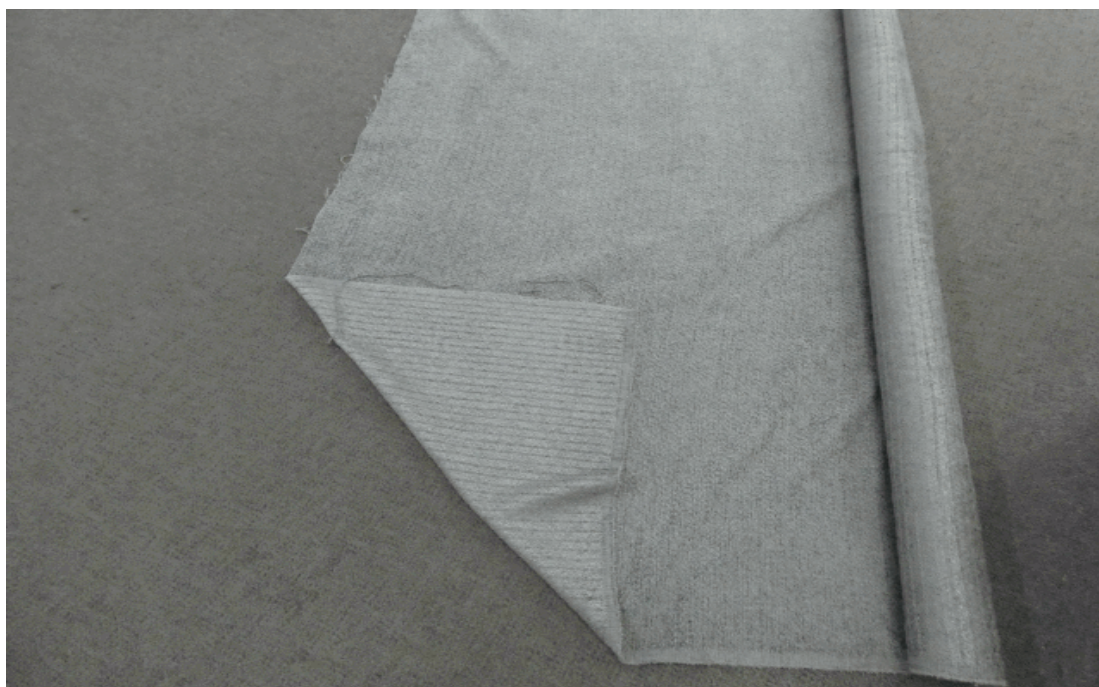
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031  
P.O Box 240, North Melbourne, Victoria 3051  
Phone (03) 9371 2400

## TEST REPORT

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

**Test Number :** 25-001042  
**Issue Date :** 8/04/2025  
**Print Date :** 8/04/2025

**Sample Description** Clients Ref : "Ronan" (Jessica Fitzgerald)  
Woven fabric  
Colour : Denim  
End Use : Upholstery  
Nominal Composition : 100% Polyester  
Nominal Mass per Unit Area/Density : 565g/m2  
Nominal Thickness : 2mm



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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:           | 08-04-2025     |                        |
|                        | Standard Error | Mean                   |
| Ignition time          | 0.13           | 9.07 min               |
| Flame propagation time | Nil            | Nil sec                |
| Heat release integral  | 3.7            | 68.3 kJ/m <sup>2</sup> |
| Smoke release, log d   | 0.0343         | -0.7749                |
| Optical density, d     |                | 0.1704 / metre         |

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 |

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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