

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 : 24-002255
Issue Date : 4/07/2024
Print Date : 4/07/2024

Sample Description Clients Ref : "Kariega" Millie Grant
Woven velvet fabric
Colour : Grey
End Use : Upholstery
Nominal Composition : 50% Mohair, 50% Acrylic
Nominal Mass per Unit Area/Density : 703g/m2
Nominal Thickness : Approx: 3mm



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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: | 04-07-2024 | |
| | Standard Error | Mean |
| Ignition time | 1.70 | 7.35 min |
| Flame propagation time | Nil | Nil sec |
| Heat release integral | 13.9 | 53.1 kJ/m ² |
| Smoke release, log d | 0.0549 | -0.8431 |
| Optical density, d | | 0.1457 / metre |
| No of samples which ignited | | 6 |
| For Samples which ignited | | |
| Smoke Release (Log D) - Mean | | -0.9183 |
| Smoke Release (Log D) - Standard Error | | 0.0422 |
| No of samples which did not ignite | | 3 |
| For Samples which did not ignite | | |
| Smoke Release (Log D) - Mean | | -0.8431 |
| Smoke Release (Log D) - Standard Error | | 0.0549 |
| Number of specimens tested: | | 9 |
| Regulatory Indices: | | |
| Ignitability Index | | 13 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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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.

Ignition is initiated by a pilot flame that is held near, but does not touch the specimen. A material that does not ignite during the standard test may ignite if contacted with a pilot flame during the test.

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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