



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 Fax (03) 9371 2499

TEST REPORT

Client : Materialised Pty Ltd
19 Heath Road
Blakehurst NSW 2221

Test Number : 19-003791
Issue Date : 25/07/2019
Print Date : 10/12/2019
Order Number : 40941

Sample Description Clients Ref : "Phoenix"
Woven fabric with backcoating
Colour : Green
End Use : Upholstery
Nominal Composition : 100% Polyester
Nominal Mass per Unit Area/Density : 424g/m2

**AS/NZS 1530.3-1999
(Modified)**

**Method for Fire Tests on Building Materials, Components and Structures. Part 3
Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and
Smoke Release - Guidance Test**

Date Tested		23/07/2019
Specimen	1	2
Ignitability Index (Range 0-20)	12	11
Spread of Flame Index (Range 0-10)	0	0
Heat Evolved Index (Range 0-10)	4	3
Smoke Developed Index (Range 0-10)	5	5

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Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing	: Accreditation No.	983
- Mechanical Testing	: Accreditation No.	985
- Performance & Approvals Testing	: Accreditation No.	1356

Samples, and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. The above test results are designed to provide THE CLIENT WITH GUIDANCE INFORMATION ONLY. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved in advance by the Managing Director of AWTA Ltd.





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A reduced number of specimens were tested to provide guidance only as to the likely performance of the product tested.

The reaction of thin unsupported flexible materials to flame impingement can be assessed in accordance with AS 1530.2. Where materials of thickness less than 2mm that are sufficiently flexible to be bent by hand around a mandrel of 2mm diameter or less are subjected to the test described herein, they should also be subjected to the test in AS 1530.2.

Each test specimen had an unattached backing of 4.5mm thick fibre reinforced cement board.

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.

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 results only apply to the specimen mounted as described in this report.

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APPROVED SIGNATORY

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