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 Fax (03) 9371 2499

TEST REPORT

CLIENT : HUNTER DOUGLAS LIMITED
338 VICTORIA ROAD
RYDALMERE NSW 2116

TEST NUMBER : 7-596688-BN
ISSUE DATE : 02/04/2014
PRINT DATE : 02/04/2014

SAMPLE DESCRIPTION Clients Ref: "Sunscreen Extraview"
Woven coated fabric
Colour: Midnight
Approximate thickness: 1mm
End Use: Blinds

THESE RESULTS MUST BE CONSIDERED IN CONJUNCTION
WITH THE COMMENTS ON THE FOLLOWING PAGE(S)

Material Specification provided by client:
Nominal Composition: PVC Coated Fibreglass
Nominal Mass: 400g/m2

AS/NZS 1530.3 - 1999 Simultaneous determination of Ignitability, Flame Propagation, Heat Release and Smoke Release

RESULTS: Face tested: Face

Date tested: 31/03/2014

	Mean		Standard Error
Ignition time	1.57	min	0.02
Flame propagation time	Nil	s	Nil
Heat release integral	33.0	kJ/m2	2.5
Smoke release, log d	-0.3409		0.0183
Optical density, d	0.4582	/m	

Number of specimens ignited: 6

Number of specimens tested: 6

REGULATORY INDICES:

Ignitability Index	18	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	1	Range 0-10
Smoke Developed Index	6	Range 0-10

This Laboratory is accredited by the National Association of Testing Authorities, Australia, for:
-Chemical Testing of Textiles & Related Products : Accreditation No. 983
-Mechanical Testing of Textiles & Related Products : Accreditation No. 985
-Heat & Temperature Measurement : Accreditation No. 1356

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

0204/11/06 APPROVED SIGNATORY

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Comments:

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

The results of this fire test may be used to directly assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.

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.

Specimens tended to flash before ignition. Ignition was based on the occurance of a single flash of flame which lasted longer than 10 seconds.

The specimens were mounted to simulate use in an unsupported or free hanging mode. The results may be significantly different when mounted to simulate a wall cladding or upholstery application.

To allow free movement of sample during testing all corners were folded away from the clamps.

Each test specimen was sandwiched between two layers of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing of 12mm in both directions, stapled through at four points, each 100mm from the centre of the sample and the assembly clamped in four places.

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AS 1530.2-1993 Test for Flammability of Materials

DATE TESTED: Flammability Index: 1 Range 0 - 100 for most material

28/03/2014

		Length	Width	
Spread Factor: Range 0 - 40		1	1	
Heat Factor: Range 0 - upward		0	0	
Maximum height (d)	mean	2.0	2.0	
	cv	0.0	0.0	%
Time (t)	mean	n/a	n/a	s
	cv	n/a	n/a	%
Heat (a)	mean	1.5	1.5	degC min
	cv	0.0	0.0	%
No of specimens tested		6	6	

These test results relate only to the behaviour of the test specimens of the material under the particular conditions of the test, and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use

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