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 : DICKSON COATINGS
415, AVENUE DE SAVOIE
SAINT CLAIR DE LA TOUR
LA TOUR DU PIN F-38357
FRANCE

TEST NUMBER : 7-597116-BO
ISSUE DATE : 30/04/2014
PRINT DATE : 30/04/2014

SAMPLE DESCRIPTION Clients Ref: "Blocklight"
Coated fabric
Colour: White
Approximate Thickness: 1mm
End Use: Blockout Fabric

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

Material Specification provided by client:
Nominal Composition: PET Base Cloth/PVC Coating
Nominal Weight: 640 g/m2

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

RESULTS: Face tested: Face

Date tested: 29/04/2014

	Mean		Standard Error
Ignition time	4.73	min	1.06
Flame propagation time	Nil	s	Nil
Heat release integral	56.2	kJ/m2	8.0
Smoke release, log d	-0.0021		0.0460
Optical density, d	1.0219	/m	

For 6 samples which ignited -
Smoke release (log d) Mean: -0.0021
Standard Error: 0.0460

For 3 samples which did not ignite -
Smoke release (log d) Mean: -0.1092
Standard Error: 0.0112

Number of specimens tested: 9

REGULATORY INDICES:			
Ignitability Index	15	Range	0-20
Spread of Flame Index	0	Range	0-10
Heat Evolved Index	2	Range	0-10
Smoke Developed Index	7	Range	0-10

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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

AWTA LIMITED

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.

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.

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

30/04/2014

		Length	Width	
Spread Factor: Range 0 - 40		0	0	
Heat Factor: Range 0 - upward		1	1	
Maximum height (d)	mean	2.3	2.0	
	cv	11.1	0.0	%
Time (t)	mean	N/A	N/A	s
	cv	N/A	N/A	%
Heat (a)	mean	1.6	1.5	degC min
	cv	12.9	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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