

# 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 :** Verosol  
2 Garema Circuit  
Kingsgrove NSW 2208

**Test Number :** 15-004105  
**Issue Date :** 31/08/2015  
**Print Date :** 31/08/2015  
**Order Number :** PO 021034-1

**Sample Description** Clients Ref : "Silverscreen"  
Woven coated fabric  
Colour : Charcoal/Silver  
End Use : Blinds  
Nominal Composition : 64% PVC, 36% Fibreglass  
Nominal Mass per Unit Area/Density : 400g/m<sup>2</sup>  
Nominal Thickness : 0.55mm

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: Charcoal & Silver  
Date tested: 31/08/2015

	Standard Error	Mean
Ignition time	Nil	Nil min
Flame propagation time	Nil	Nil sec
Heat release integral	Nil	Nil kJ/m <sup>2</sup>
Smoke release, log d	0.0458	-0.9171
Optical density, d		0.1243 / metre

Number of specimens ignited: 0  
Number of specimens tested: 6

Regulatory Indices:  
Ignitability Index 0 Range 0-20  
Spread of Flame Index 0 Range 0-10  
Heat Evolved Index 0 Range 0-10  
Smoke Developed Index 4 Range 0-10

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- Mechanical Testing  
- Performance & Approvals Testing

: Accreditation No. 983  
: Accreditation No. 985  
: Accreditation No. 1356



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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.

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.

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

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 12mm in both directions, stapled through at four points, each 100mm from the centre of the sample and the assembly clamped in four places.

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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0204/11/06

APPROVED SIGNATORY

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

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AS 1530.2-1993

### Methods for fire tests on building materials, components and structures. Part 2: Test for flammability of materials

Date Tested	21/08/2015
Flammability Index	1
	Length
Spread Factor	0
Heat Factor	1
Maximum height (d)	
Mean	1.7
Coefficient of Variation	36.7 %
Heat (a)	
Mean	1.5 °C.min
Coefficient of Variation	0.0 %
Number of Specimens Tested	9
Observation	Visible smoke

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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