

# AWTA TEXTILE TESTING

Australian Wool Testing Authority Ltd – trading as AWTA Textile Testing  
A.B.N. 43 006 014 106  
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031  
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Phone (03) 9371 2400 Fax (03) 9371 2499

## TEST REPORT

CLIENT : **EXTREME MARQUEES**  
100 PICKERING STREET  
ENOGGERA QLD 4051

TEST NUMBER : 7-553487-AQ  
DATE : 11/07/2007

SAMPLE DESCRIPTION Coated woven fabric  
Colour: green End use: marquees  
Approximate mass: 594g/m<sup>2</sup> Approximate thickness: 0.2mm

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

Material Specification provided by client:  
Nominal composition: polyester yarns, PVC coated

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

RESULTS: Face tested: Both  
Date tested: 25.06.2007

|                        | Mean   | min               | Standard Error |
|------------------------|--------|-------------------|----------------|
| Ignition time          | 3.32   | s                 | 0.04           |
| Flame propagation time | 13.7   | s                 | 1.3            |
| Heat release integral  | 129.7  | kJ/m <sup>2</sup> | 4.1            |
| Smoke release, log d   | 0.2750 |                   | 0.0074         |
| Optical density, d     | 1.8851 | /m                |                |

Number of specimens ignited: 6

Number of specimens tested: 6

REGULATORY INDICES: Ignitability Index 17 Range 0-20  
Spread of Flame Index 9 Range 0-10  
Heat Evolved Index 5 Range 0-10  
Smoke Developed Index 8 Range 0-10

#### 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.

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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.

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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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 |

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0204/5/05

APPROVED SIGNATORY

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