

# AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing  
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## TEST REPORT

TEST NUMBER : 7-559160-AQ  
DATE : 22/04/2008

**SAMPLE DESCRIPTION** Clients Ref: "Marine Tuft"  
Cut and loop pile tufted carpet Colour: teak cream  
Nom. pile composition: 100% marine grade solution dyed BCF  
Nom. total weight: 1400g/m<sup>2</sup> Nom. backing: Primary - Marine  
grade polypropylene Secondary: Aquabac

### Material Specification:

Nominal composition: 100% marine grade solution dyed BCF  
Nominal total mass: 1400g/m<sup>2</sup>  
Nominal backing: primary - marine grade polypropylene  
secondary - aquabac

ASISO 9239.1-2003  
Part 1

Reaction to Fire Tests for Floorings  
Determination of the Burning Behaviour  
using a Radiant Heat Source

Date of sample arrival: 11/04/2008

Date tested: 17/04/2008

Results:

CHF (Critical Heat Flux / Critical Radiant Flux)

	1	2	3	Mean	
Length	4.3	4.4	4.3	4.3	kW/m <sup>2</sup>
Width	4.3	-	-	-	kW/m <sup>2</sup>

Smoke Value

Length	142	133	104	126	% min
Width	129	-	-	-	% min

Observations: transitory flaming, melting, blistering,  
penetration of flame through to substrate

Note: Sample was conditioned in accordance with BSEN 13238-2001 at a  
temperature of 23+/-2degC and Relative Humidity of 50+/-5% for a minimum of  
48 hours prior to testing

Each specimen was adhered to a substrate of 6mm thick reinforced cement  
board using Roberts 656 adhesive and clamped prior to testing

The test results relate to the behaviour of the test specimens of a product  
under the particular conditions of the test, they are not intended to be the  
sole criterion for assessing the potential fire hazard of the product in use

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- Chemical Testing of Textiles & Related Products Accreditation No. 963  
- Mechanical Testing of Textiles & Related Products Accreditation No. 965  
- Heat & Temperature Measurement Accreditation No. 1356

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APPROVED SIGNATORY

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