

# AWTA PRODUCT TESTING

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

CLIENT : ARMSTRONG WORLD INDUSTRIES  
(AUSTRALIA) PTY LTD  
PO BOX 109  
MORDIALLOC VIC 3195

TEST NUMBER : 7-594904-AV  
ISSUE DATE : 28/11/2013  
PRINT DATE : 29/11/2013  
ORDER NUMBER : 109093  
ORDER NUMBER : 109093

SAMPLE DESCRIPTION Clients Ref:"Quantum"  
Homogenous sheet vinyl flooring  
Colour: Beige  
Approx height: 2mm

Material Specification:  
Nominal composition: PVC  
Nominal total mass: 3kg/m<sup>3</sup>

ASISO 9239.1-2003

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

Date of sample arrival: 18/11/2013

Date tested: 27/11/2013

Results:

|                 |     | CHF (Critical Heat Flux / Critical Radiant Flux) |     |     |      |                   |
|-----------------|-----|--|-----|-----|------|-------------------|
|                 |     | 1  | 2   | 3   | Mean |                   |
| Non directional | 7.4 | 7.2  | 6.4 | 7.0 |      | kW/m <sup>2</sup> |
|                 |     | Smoke Value                                      |     |     |      |                   |
| Non directional | 125 | 123  | 148 | 132 |      | % min             |

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

No directional properties, three specimens tested  
Each specimen was clamped to a substrate of 6mm thick reinforced cement board 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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( END OF REPORT )

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-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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APPROVED SIGNATORY

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MANAGING DIRECTOR