

# 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 :** Robert Malcolm Ltd  
59 Halwyn Drive  
Hornby  
Christchurch New Zealand

**Test Number :** 17-004435  
**Issue Date :** 24/08/2017  
**Print Date :** 24/08/2017

**Sample Description** Clients Ref : "City Star Mixbac Acoustic"  
Loop pile tufted carpet tile  
End Use : Floorcovering Direct Stick  
Nominal Composition : Solution Dyed Nylon  
Nominal Mass per Unit Area/Density : 4.5kg/m<sup>2</sup>  
Nominal Thickness : 9mm

AS/ISO 9239.1-2003

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

Date of Sample Arrival 16/08/2017

Date Tested 24/08/2017

CHF Value	1	2	3	Mean
Length	8.5	8.7	8.7	8.6 kW/m <sup>2</sup>
Width	9.1	-	-	- kW/m <sup>2</sup>
Smoke Value	1	2	3	Mean
Length	117	96	110	108 %min
Width	113	-	-	- %min
Melting				Yes
Blistering				Yes

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Accredited for compliance with ISO/IEC 17025

- Chemical Testing  
- Mechanical Testing  
- Performance & Approvals Testing

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

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0204/11/06

APPROVED SIGNATORY

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

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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 sole criterion for assessing the potential fire hazard of the product in use.

Sample was conditioned in accordance with BSEN 13238:2001 at a temperature of  $23\pm 2^{\circ}\text{C}$  and relative humidity of  $50\pm 5\%$  for a minimum of 48 hours prior to testing.

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

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MANAGING DIRECTOR