

# 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

## TEST REPORT

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

**Test Number :** 21-001258  
**Issue Date :** 20/05/2021  
**Print Date :** 20/05/2021

**Sample Description** Clients Ref : "Cambridge"  
Cut pile carpet tested on Dunlop Springtred Ultimate Underlay  
End Use : Flooring  
Nominal Composition : Solution Dyed Nylon  
Nominal Mass per Unit Area/Density : 48oz/yd<sup>2</sup>  
Nominal Thickness : 11mm

### 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 16-03-2021

Date Tested 27-04-2021

CHF Value	1	2	3	Mean
Length	3.3	3.3	5.3	4.0 kW/m <sup>2</sup>
Width	3.3	-	-	- kW/m <sup>2</sup>

HF-30 Value	1	2	3	Mean
Length	3.5	-	-	- kW/m <sup>2</sup>
Width	3.3	-	-	- kW/m <sup>2</sup>

Smoke Value	1	2	3	Mean
Length	328	307	270	302 % .min
Width	317	-	-	- % .min

Melting Yes

Penetration of flame through to substrate Yes

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Chris Campbell  
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 13238:2010 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.

Results in accordance with section 8.4 have not been included in the report. They are available upon request.

HF30 not reported as flame out time occurred before 30 minutes.

Each specimen was loose laid over Dunlop Springtred Ultimate underlay and 6mm thick fibre reinforced cement board and clamped prior to testing.

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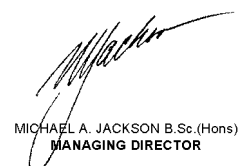
Accredited for compliance with ISO/IEC 17025 - Testing

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