

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 : 21-001255
Issue Date : 27/04/2021
Print Date : 27/04/2021

Sample Description Clients Ref : "Paiha"
Cut pile carpet tested on Dunlop Springtred Ultimate Underlay
Colour : Brown
End Use : Flooring
Nominal Composition : Solution Dyed Nylon
Nominal Mass per Unit Area/Density : 34oz/yd²
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 16-03-2021

Date Tested 27-04-2021

CHF Value	1	2	3	Mean
Length	2.1	-	-	- kW/m ²
Width	2.0	2.5	2.0	2.2 kW/m ²

HF-30 Value	1	2	3	Mean
Length	2.9	-	-	- kW/m ²
Width	2.7	2.5	3.3	2.8 kW/m ²

Smoke Value	1	2	3	Mean
Length	340	-	-	- %.min
Width	373	393	472	413 %.min

Melting Yes

Penetration of flame through to substrate Yes

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Fiona McDonald
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.

Each specimen was loose laid over Dunlop Springstred 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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