

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 : 21-003888
Issue Date : 22/09/2021
Print Date : 22/09/2021

Sample Description Clients Ref : "Brenna"
Loop pile carpet tile
Colour : Grey/Black
End Use : Flooring
Nominal Composition : Solution Dyed Nylon
Nominal Mass per Unit Area/Density : 20oz/yd²
Nominal Thickness : 4mm

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 29-07-2021

Date Tested 21-09-2021

CHF Value	1	2	3	Mean
Length	5.2	5.2	5.2	5.2 kW/m ²
Width	5.4	-	-	- kW/m ²

HF-30 Value	1	2	3	Mean
Length	5.5	5.5	5.2	5.4 kW/m ²
Width	5.7	-	-	- kW/m ²

Smoke Value	1	2	3	Mean
Length	173	206	197	192 %.min
Width	269	-	-	- %.min

Melting 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.

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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Accredited for compliance with ISO/IEC 17025 - Testing

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MANAGING DIRECTOR