

# 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  
10 Establishment Drive

Hornsby South Christchurch 8042 New Zealand

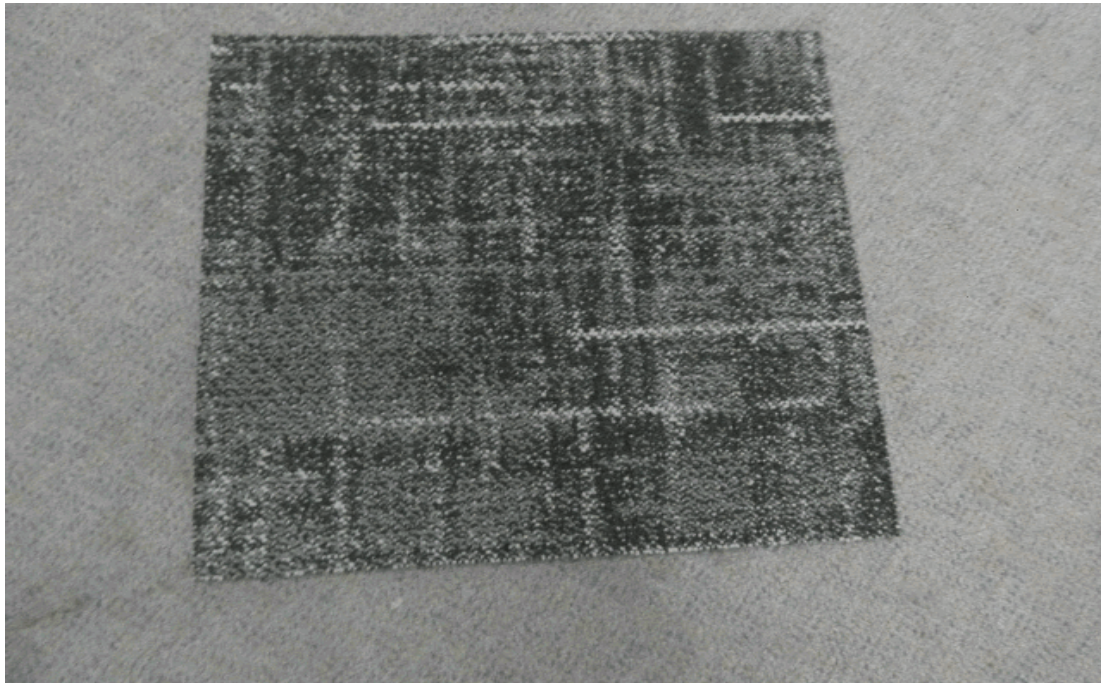
**Test Number :** 24-002172

**Issue Date :** 3/07/2024

**Print Date :** 3/07/2024

**Order Number :** Rome

**Sample Description** Clients Ref : "Rome"  
Loop pile carpet tile  
Colour : Black/Grey  
End Use : Flooring  
Nominal Composition : 100% Nylon  
Nominal Mass per Unit Area/Density : 4800g/m2  
Nominal Thickness : 3.5-5.5mm



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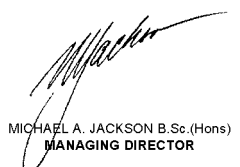
Accredited for compliance with ISO/IEC 17025 - Testing  
Accreditation Numbers: 983, 985, and 1356

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Fiona McDonald

APPROVED SIGNATORY



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

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### 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 12-06-2024

Date Tested 02-07-2024

CHF Value	1	2	3	Mean
Length	5.7	-	-	- kW/m <sup>2</sup>
Width	5.3	5.0	5.5	5.3 kW/m <sup>2</sup>

HF-30 Value	1	2	3	Mean
Length	5.8	-	-	- kW/m <sup>2</sup>
Width	6.2	5.8	5.8	5.9 kW/m <sup>2</sup>

Smoke Value	1	2	3	Mean
Length	117	-	-	- % .min
Width	105	117	97	106 % .min

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Observations:

Melting

Yes

Each specimen was adhered to a substrate of 6mm thick fibre reinforced cement board using Roberts 656 adhesive and clamped 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 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±2°C and relative humidity of 50±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.

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