

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
A.B.N 43 006 014 106

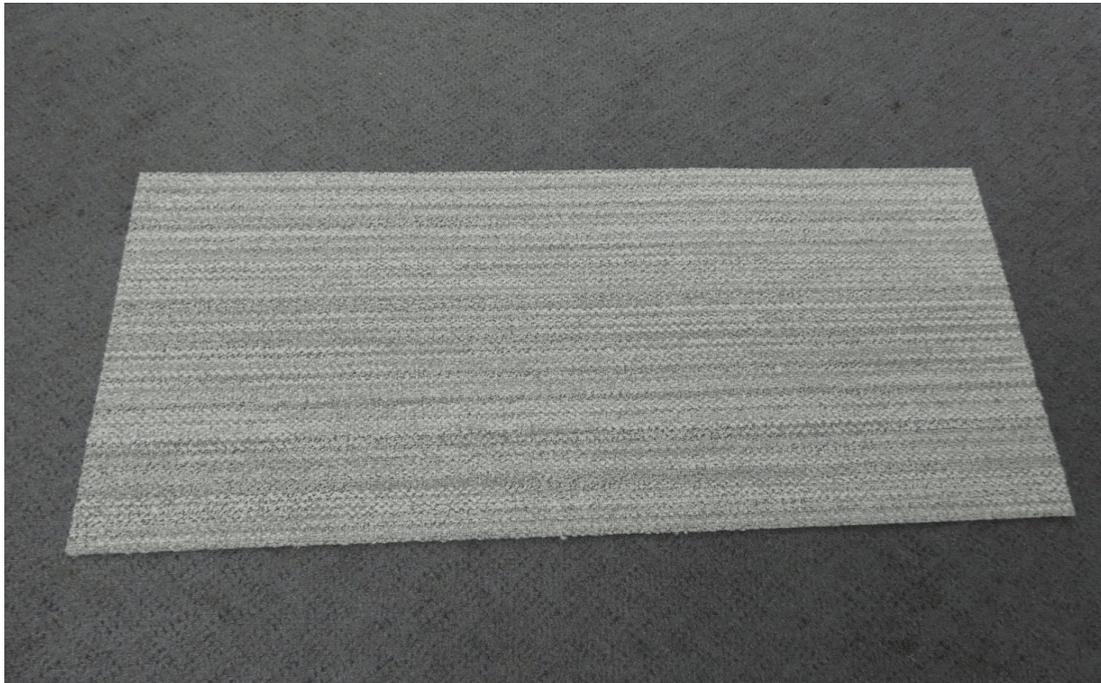
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
P.O Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2400

TEST REPORT

Client : Inspired Floorcoverings
Level 1, Suite 3, 72 Terrigal Esplanade
Terrigal NSW 2260

Test Number : 24-005143
Issue Date : 25/02/2025
Print Date : 25/02/2025

Sample Description Clients Ref : "Linear Range"
High Low Loop Pile Carpet Tile
Colour : Array
End Use : Flooring
Nominal Composition : Aquafil Nylon
Nominal Mass per Unit Area/Density : 19oz/yd²
Nominal Thickness : Approx: 7mm



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

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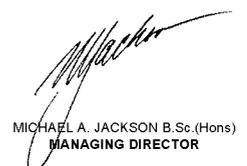


0204/11/06



Chris Campbell

APPROVED SIGNATORY



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

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AS/NZS 2111.4-1996

Surface Pile Mass at Standard Conditions

Date of Testing	15/01/2025
Corrected Surface Pile Mass, mean	463 g/m ²
Standard Allowance	5.75 %
Specimen	
1	435 g/m ²
2	467 g/m ²
3	472 g/m ²
4	444 g/m ²
Mean	455 g/m ²
Coefficient of Variation	4.0 %
Moisture Regain of Pile	3.9 %

Modified: Corrected for moisture regain only.

Apparatus: Band knife

Based on nominal pile fibre content.

AS/NZS 2111.9-1996

Determination of Number of Tufts per unit Length

Date of Testing	16/01/2025
S (Parallel to Selvedge) (Stitches)	47.0 / 100mm
G (Right Angles to Selvedge) (Gauge)	40.0 / 100mm

AS/NZS 2111.5-1996

Determination of Pile Thickness above the backing - ACCS Modified

Date of Testing	16/01/2025
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	1	2	3	4	Mean
Total Thickness	6.1	6.1	6.1	6.0	6.1 mm
Backing Thickness	2.9	3.0	2.9	2.9	2.9 mm
Pile Thickness	3.2	3.1	3.2	3.1	3.2 mm

Template used to facilitate thickness measurement.

TWC 251/247/284-2009

Texture and Colour Change - Hexapod Tumbler Tester

Date of Testing	16/01/2025		
After 1500 cycles	Texture	Colour	
Mean Grade	4.5	4.5	
Mean Worst Angle	4.5	4.5	
Pile Thickness Loss	0.5 mm		
Pile Thickness Loss	14.6 %		
After 8000 cycles	Texture	Colour	
Mean Grade	3.0	4.0	
Mean Worst Angle	2.5	4.0	
Pile Thickness Loss	1.1 mm		
Pile Thickness Loss	34.0 %		
Total Carpet Thickness	6.0 mm		
Total Pile Thickness	3.2 mm		
International Reference Scale	E		

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Vacuum cleaned with upright cleaner at commencement of test, after 1500 cycles and where applicable every 2000 cycles. Thickness measurements taken after vacuuming.

Rating scale: 1 = Very severe change 5 = No change

NATA Accreditation does not cover the performance of TWC 284

**AS 2404-1980
(ACCS Modified)**

Fire Propagation Properties (AS 2111.18 Pill Test)

Date of Testing 24/12/2024

Pass

Samples were conditioned in standard atmosphere of 20±2°C and 65±2% relative humidity prior to testing.

**AS 2001.3.4-1995
Test A**

Determination of Extractable Matter

Date of Testing 24/02/2025

Mean 0.7 %

Solvent Dichloromethane

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