

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
Unit 5, 33-37 College Street
Gladesville NSW 2111

Test Number : 24-003664
Issue Date : 30/09/2024
Print Date : 30/09/2024

Sample Description Clients Ref : "Aura"
Loop pile carpet tile
End Use : Flooring
Nominal Composition : Nylon
Nominal Mass per Unit Area/Density : 3700g/m2
Nominal Thickness : 8mm



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Accreditation Numbers: 983, 985, and 1356

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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	26/09/2024
Corrected Surface Pile Mass, mean	307 g/m ²
Standard Allowance	5.75 %
Specimen	
1	343 g/m ²
2	338 g/m ²
3	286 g/m ²
4	283 g/m ²
5	283 g/m ²
6	281 g/m ²
Mean	302 g/m ²
Coefficient of Variation	9.8 %
Moisture Regain of Pile	4.3 %

Modified: Corrected for moisture regain only.

Based on nominal pile fibre content.

Apparatus: Band knife

Due to variation within the specimens tested the coefficient of variation reported is greater than the standard specifies.

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AS 2001.3.4-1995 Test A

Determination of Extractable Matter

Date of Testing 24/09/2024
Mean 1.1 %
Solvent Dichloromethane

AS/NZS 2111.9-1996

Determination of Number of Tufts per unit Length

Date of Testing 26/09/2024
S (Parallel to Selvage) (Stitches) 40.9 / 100mm
G (Right Angles to Selvage) (Gauge) 47.9 / 100mm

AS/NZS 2111.5-1996

Determination of Pile Thickness above the backing - ACCS Modified

Date of Testing 26/09/2024

	1	2	3	4	Mean
Total Thickness	6.8	6.7	6.8	6.7	6.7 mm
Backing Thickness	4.4	4.5	4.5	4.4	4.4 mm
Pile Thickness	2.4	2.2	2.3	2.3	2.3 mm

Template used to facilitate thickness measurement.

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TWC 251/247/284-2009

Texture and Colour Change - Hexapod Tumbler Tester

Date of Testing	25/09/2024	
After 1500 cycles	Texture	Colour
Mean Grade	3.5	3.5
Mean Worst Angle	3.0	3.5
Pile Thickness Loss		0.7 mm
Pile Thickness Loss		30.6 %
After 8000 cycles	Texture	Colour
Mean Grade	2.0	3.0
Mean Worst Angle	2.0	2.5
Pile Thickness Loss		1.5 mm
Pile Thickness Loss		63.3 %
Total Carpet Thickness		6.9 mm
Total Pile Thickness		2.3 mm
International Reference Scale		E

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

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AS 2404-1980
(ACCS Modified)

Fire Propagation Properties (AS 2111.18 Pill Test)

Date of Testing 30/09/2024

Pass

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

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