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

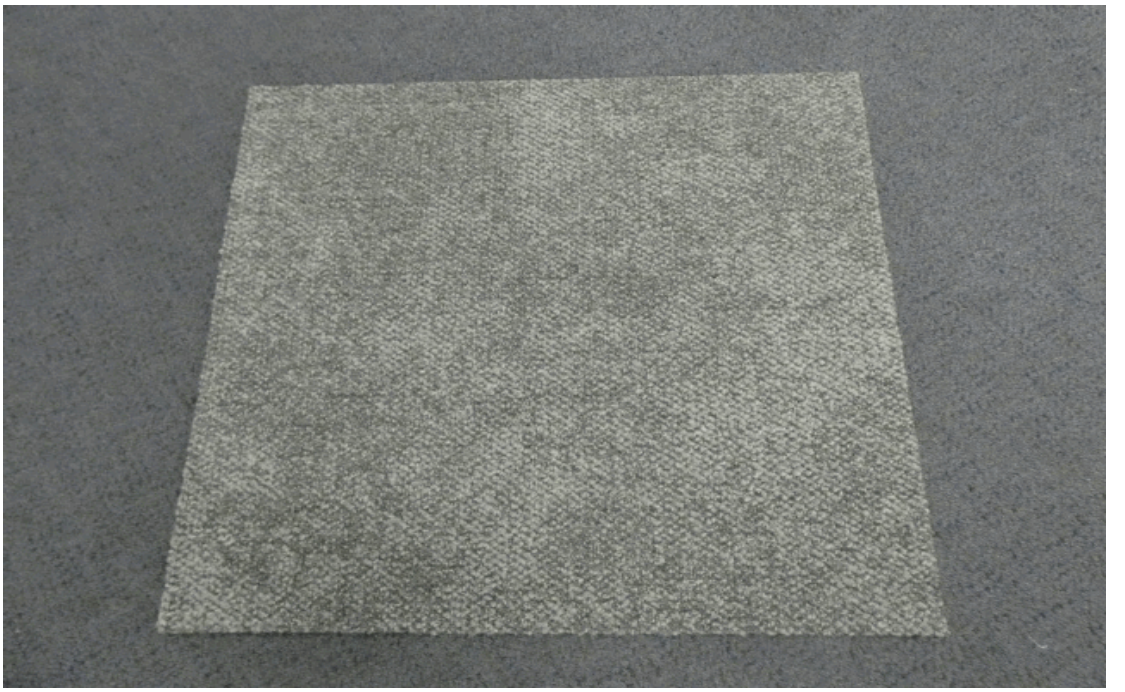
TEST REPORT

Client : Inspired Floorcoverings
Unit 5, 33-37 College Street
Gladesville NSW 2111

Test Number : 24-000191
Issue Date : 5/02/2024
Print Date : 5/02/2024

Sample Description

Clients Ref : "MIST"
Loop pile carpet tile with PET backing
Colour : Oatmeal
End Use : Flooring
Nominal Composition : 100% Polyamide



314706 68802

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Accreditation Numbers: 983, 985, and 1356

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Fiona McDonald
APPROVED SIGNATORY

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

0204/11/06

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AS/NZS 2111.4-1996 **Surface Pile Mass at Standard Conditions**

Date of Testing	25/01/2024	
Corrected Surface Pile Mass, mean	314	g/m²
Standard Allowance	5.75	%
Specimen		
1	321	g/m²
2	306	g/m²
3	329	g/m²
4	341	g/m²
5	271	g/m²
6	291	g/m²
Mean	310	g/m²
Coefficient of Variation	8.3	%
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	02/02/2024
Mean	0.8 %
Solvent	Dichloromethane

AS/NZS 2111.9-1996 — **Determination of Number of Tufts per unit Length**

Date of Testing	25/01/2024
S (Parallel to Selvedge) (Stitches)	45.8 / 100mm
G (Right Angles to Selvedge) (Gauge)	32.0 / 100mm

AS/NZS 2111.5-1996 — **Determination of Pile Thickness above the backing - ACCS Modified**

Date of Testing: 25/01/2024

	1	2	3	4	Mean	
Total Thickness	5.7	5.7	5.9	5.9	5.8	mm
Backing Thickness	3.7	3.8	3.8	3.8	3.8	mm
Pile Thickness	2.0	1.9	2.1	2.1	2.0	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		25/01/2024	
After 1500 cycles	Texture	Colour	
Mean Grade	4.5	4.5	
Mean Worst Angle	4.0	4.5	
Pile Thickness Loss		0.3	mm
Pile Thickness Loss		13.3	%
After 8000 cycles	Texture	Colour	
Mean Grade	2.5	3.5	
Mean Worst Angle	2.5	3.5	
Pile Thickness Loss		0.8	mm
Pile Thickness Loss		41.4	%
Total Carpet Thickness		5.9	mm
Total Pile Thickness		2.0	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 Propogation Properties (AS 2111.18 Pill Test)

Date of Testing 02/02/2024

Pass

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

Compliance to AS 2404-1980 - Fire Propagation Properties Specification
Requirement: All specimens have maximum radius of damage less than 75mm
Complies

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