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

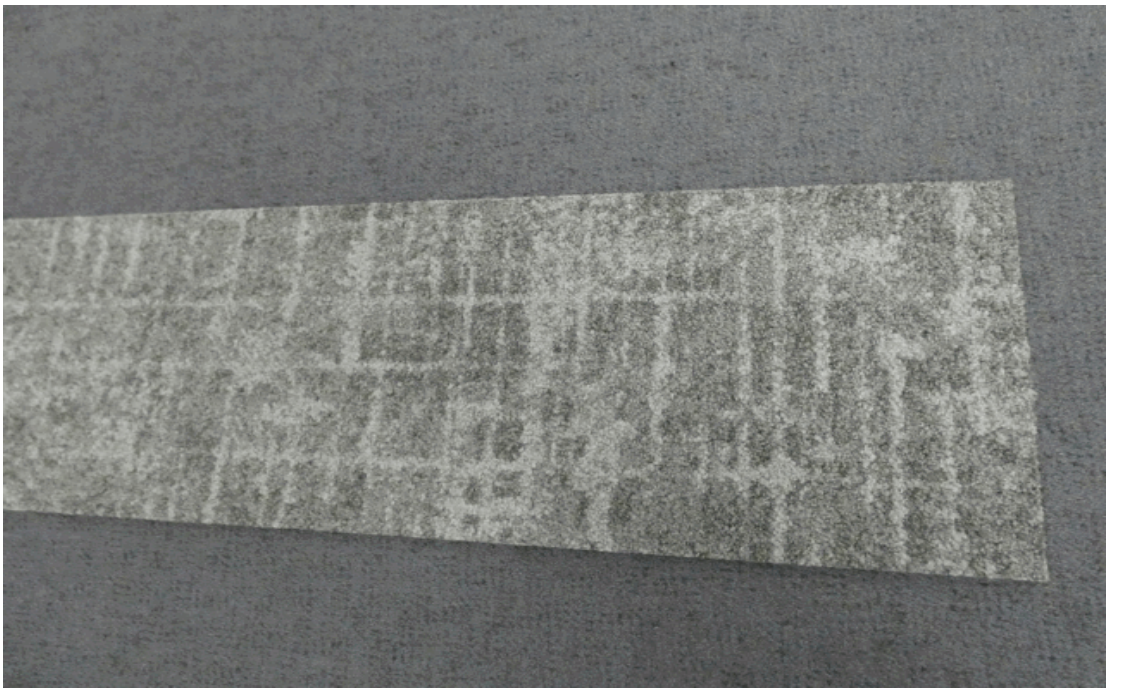
TEST REPORT

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

Test Number : 24-004415
Issue Date : 26/11/2024
Print Date : 26/11/2024

Sample Description

Clients Ref : "Stonewall"
Loop pile carpet plank
End Use : Flooring
Nominal Composition : Nylon, glass layer, PVC
Nominal Mass per Unit Area/Density : 700g/m2
Nominal Thickness : 7-8mm



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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

0204/11/06

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

Date of Testing	25/11/2024	
Corrected Surface Pile Mass, mean	404	g/m²
Standard Allowance	5.75	%
Specimen		
1	399	g/m²
2	385	g/m²
3	390	g/m²
4	416	g/m²
Mean	398	g/m²
Coefficient of Variation	3.5	%
Moisture Regain of Pile	4.2	%

Modified: Corrected for moisture regain only.

Apparatus: Band knife

Based on nominal pile fibre content.

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AS 2001.3.4-1995 Test A — **Determination of Extractable Matter**

Date of Testing	19/11/2024	
Mean	1.0	%
Solvent	Dichloromethane	

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

Date of Testing	25/11/2024	
S (Parallel to Selvedge) (Stitches)	42.4	/ 100mm
G (Right Angles to Selvedge) (Gauge)	40.5	/ 100mm

Results are for guidance purposes only due to difficulties in measuring the product as per method.

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

Date of Testing 25/11/2024

	1	2	3	4	Mean	
Total Thickness	7.4	7.4	7.6	7.4	7.5	mm
Backing Thickness	5.1	5.1	5.1	5.0	5.1	mm
Pile Thickness	2.3	2.3	2.5	2.4	2.4	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		22/11/2024	
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		11.1	%
After 8000 cycles	Texture	Colour	
Mean Grade	2.5	4.0	
Mean Worst Angle	2.5	4.0	
Pile Thickness Loss		0.7	mm
Pile Thickness Loss		31.0	%
Total Carpet Thickness		7.5	mm
Total Pile Thickness		2.4	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 18/11/2024

Pass

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

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