

# AWTA PRODUCT TESTING

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

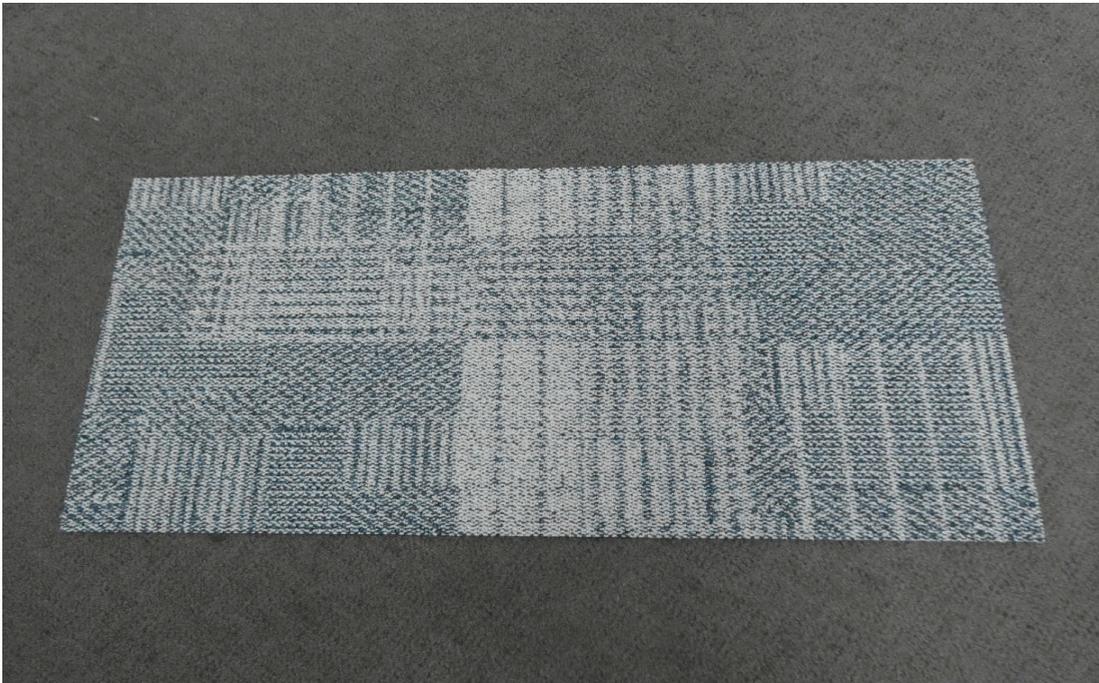
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031  
P.O Box 240, North Melbourne, Victoria 3051  
Phone (03) 9371 2400

## TEST REPORT

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

**Test Number :** 25-000054  
**Issue Date :** 6/02/2025  
**Print Date :** 6/02/2025

**Sample Description** Clients Ref : "Optical - Nostalgic Range"  
Loop pile carpet tile  
End Use : Flooring  
Nominal Composition : Aquafil Nylon  
Nominal Mass per Unit Area/Density : 19oz/yd2  
Nominal Thickness : Approx. 7mm



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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	21/01/2025
Corrected Surface Pile Mass, mean	380 g/m <sup>2</sup>
Standard Allowance	5.75 %
Specimen	
1	379 g/m <sup>2</sup>
2	363 g/m <sup>2</sup>
3	372 g/m <sup>2</sup>
4	383 g/m <sup>2</sup>
Mean	374 g/m <sup>2</sup>
Coefficient of Variation	2.3 %
Moisture Regain of Pile	4.0 %

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 24/01/2025  
Mean 0.5 %  
Solvent Dichloromethane

**AS/NZS 2111.9-1996**

**Determination of Number of Tufts per unit Length**

Date of Testing 21/01/2025  
S (Parallel to Selvedge) (Stitches) 49.7 / 100mm  
G (Right Angles to Selvedge) (Gauge) 48.1 / 100mm

**AS/NZS 2111.5-1996**

**Determination of Pile Thickness above the backing - ACCS Modified**

Date of Testing 21/01/2025

	1	2	3	4	Mean
Total Thickness	5.8	5.8	5.8	5.8	5.8 mm
Backing Thickness	3.4	3.4	3.3	3.3	3.4 mm
Pile Thickness	2.4	2.4	2.5	2.5	2.5 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		21/01/2025
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		11.2 %
After 8000 cycles	Texture	Colour
Mean Grade	3.0	4.0
Mean Worst Angle	2.5	4.0
Pile Thickness Loss		0.8 mm
Pile Thickness Loss		33.4 %
Total Carpet Thickness		5.8 mm
Total Pile Thickness		2.5 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

31/01/2025

Pass

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