

# AWTA PRODUCT TESTING

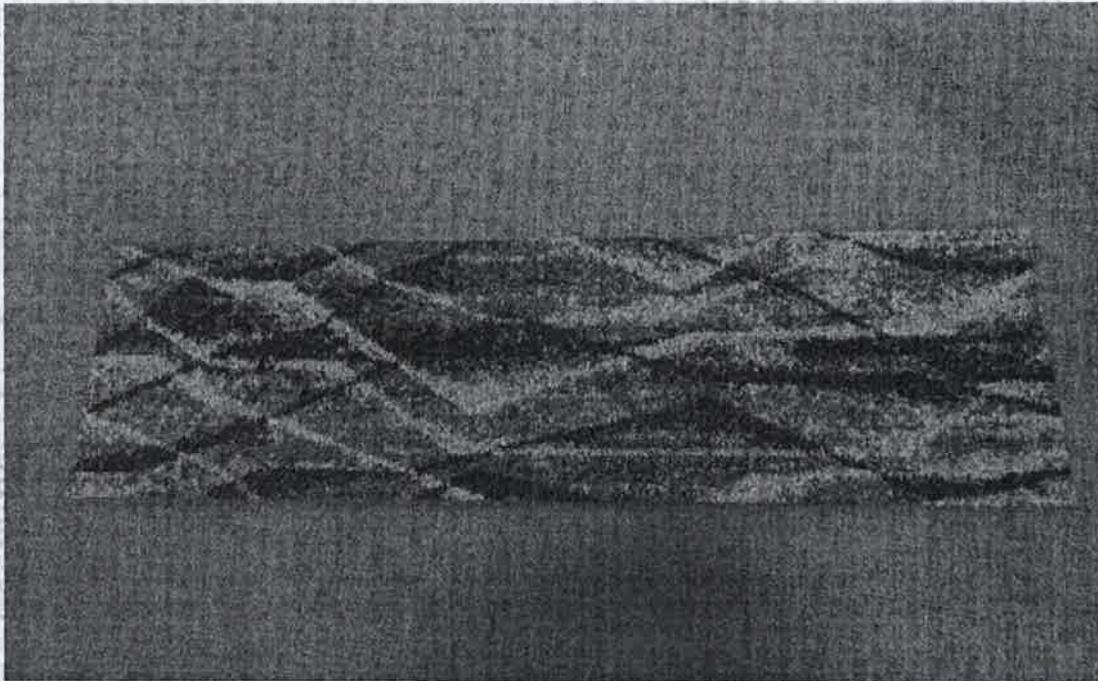
Australian Wool Testing Authority Ltd - trading as AWTA Product Testing  
A.B.N. 43 006 014 106  
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031  
P.O. Box 240, North Melbourne, Victoria 3051  
Phone (03) 9371 2400 Fax (03) 9371 2499

## TEST REPORT

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

**Test Number :** 24-004644  
**Issue Date :** 12/12/2024  
**Print Date :** 12/12/2024

**Sample Description** Clients Ref : "Water Shallow - Mineral"  
Multi level loop pile carpet plank  
End Use : Flooring  
Nominal Composition : Universal Nylon with PVC backing  
Nominal Mass per Unit Area/Density : 24oz/yd<sup>2</sup>  
Nominal Thickness : 8-8.5mm



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0204/3/21

  
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                   | 10/12/2024           |
| Corrected Surface Pile Mass, mean | 441 g/m <sup>2</sup> |
| Standard Allowance                | 5.75 %               |
| Specimen                          |                      |
| 1                                 | 443 g/m <sup>2</sup> |
| 2                                 | 437 g/m <sup>2</sup> |
| 3                                 | 419 g/m <sup>2</sup> |
| 4                                 | 420 g/m <sup>2</sup> |
| Mean                              | 430 g/m <sup>2</sup> |
| Coefficient of Variation          | 2.8 %                |
| Moisture Regain of Pile           | 3.0 %                |

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 10/12/2024  
Mean 0.3 %  
Solvent Dichloromethane

**AS/NZS 2111.9-1996**

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

Date of Testing 10/12/2024  
S (Parallel to Selvedge) (Stitches) 46.9 / 100mm  
G (Right Angles to Selvedge) (Gauge) 41.2 / 100mm

**AS/NZS 2111.5-1996**

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

Date of Testing 10/12/2024

|                   | 1   | 2   | 3   | 4   | Mean   |
|-------------------|-----|-----|-----|-----|--------|
| Total Thickness   | 7.2 | 7.3 | 7.2 | 7.1 | 7.2 mm |
| Backing Thickness | 4.2 | 4.4 | 4.2 | 4.2 | 4.2 mm |
| Pile Thickness    | 3.0 | 2.9 | 3.0 | 2.9 | 3.0 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               |         | 10/12/2024 |
| 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           |         | 10.1 %     |
| After 8000 cycles             | Texture | Colour     |
| Mean Grade                    | 3.0     | 4.0        |
| Mean Worst Angle              | 3.0     | 4.0        |
| Pile Thickness Loss           |         | 0.7 mm     |
| Pile Thickness Loss           |         | 24.6 %     |
| Total Carpet Thickness        |         | 7.3 mm     |
| Total Pile Thickness          |         | 3.0 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 Propagation Properties (AS 2111.18 Pill Test)**

Date of Testing

09/12/2024

Pass

Samples were conditioned in standard atmosphere of  $20\pm 2^{\circ}\text{C}$  and  $65\pm 2\%$  relative humidity prior to testing.

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