

AWTA PRODUCT TESTING

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

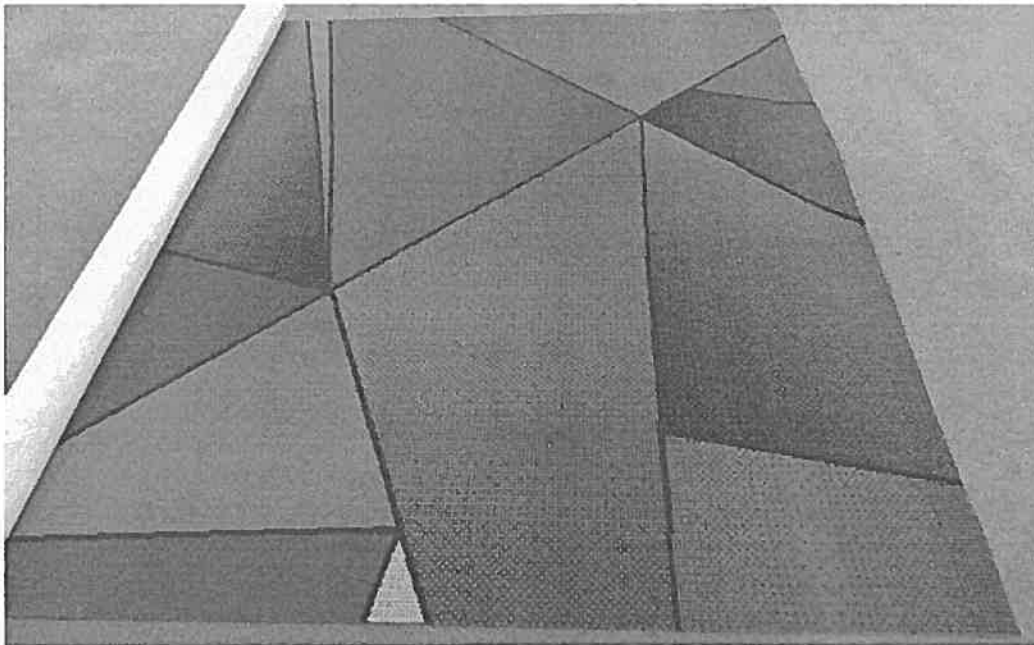
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
P.O Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2400

TEST REPORT

Client : Hotel Carpet
2099 Princes Hwy
Clayton VIC 3168

Test Number : 24-000246
Issue Date : 6/02/2024
Print Date : 4/03/2024

Sample Description Clients Ref : "Axminster 7x8"
Cut pile carpet
Colour : Black/Grey/Blue
End Use : Flooring
Nominal Composition : 80% Wool, 20% Nylon
Nominal Mass per Unit Area/Density : 1287g/m2
Nominal Thickness : 7mm



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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

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AS/NZS 2111.4-1996

Surface Pile Mass at Standard Conditions

Date of Testing	30/01/2024
Corrected Surface Pile Mass, mean	833 g/m ²
Standard Allowance	14.05 %
Specimen	
1	816 g/m ²
2	786 g/m ²
3	815 g/m ²
4	823 g/m ²
Mean	810 g/m ²
Coefficient of Variation	2.0 %
Moisture Regain of Pile	10.9 %

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 05/02/2024
Mean 0.6 %
Solvent Dichloromethane

AS/NZS 2111.9-1996

Determination of Number of Tufts per unit Length

Date of Testing 31/01/2024
S (Parallel to Selvedge) (Stitches) 27.6 / 100mm
G (Right Angles to Selvedge) (Gauge) 31.3 / 100mm

AS/NZS 2111.5-1996

Determination of Pile Thickness above the backing - ACCS Modified

Date of Testing 30/01/2024

	1	2	3	4	Mean
Total Thickness	9.7	9.7	9.8	9.8	9.8 mm
Backing Thickness	3.9	4.2	4.1	4.2	4.1 mm
Pile Thickness	5.8	5.5	5.7	5.6	5.7 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		31/01/2024
After 1500 cycles	Texture	Colour
Mean Grade	4.0	4.0
Mean Worst Angle	4.0	4.0
Pile Thickness Loss		0.9 mm
Pile Thickness Loss		16.1 %
After 8000 cycles	Texture	Colour
Mean Grade	2.0	3.0
Mean Worst Angle	2.0	2.5
Pile Thickness Loss		2.6 mm
Pile Thickness Loss		46.3 %
Total Carpet Thickness		9.8 mm
Total Pile Thickness		5.7 mm
International Reference Scale		B

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

02/02/2024

Pass

Samples were conditioned in standard atmosphere of $20\pm 2^{\circ}\text{C}$ and $65\pm 2\%$ 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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