

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 : National Flooring Distributors
13 Dulwich Street
Loganholme QLD 4129

Test Number : 18-006540
Issue Date : 19/11/2018
Print Date : 19/11/2018

Sample Description Clients Ref : "Meadowlands"
Cut pile carpet
Colour : Brown
Nominal Composition : Polypropylene
Nominal Mass per Unit Area/Density : 880g/m²

AS/NZS 2111.4-1996

Surface Pile Mass at Standard Conditions

| | |
|-----------------------------------|----------------------|
| Corrected Surface Pile Mass, mean | 620 g/m ² |
| Standard Allowance | 2.00 % |
| Specimen | |
| 1 | 630 g/m ² |
| 2 | 618 g/m ² |
| 3 | 605 g/m ² |
| 4 | 595 g/m ² |
| Mean | 612 g/m ² |
| Coefficient of Variation | 2.5 % |
| Moisture Regain of Pile | 0.8 % |

Modified: Corrected for moisture regain only.

Apparatus: Band knife

Based on nominal pile fibre content.

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- Chemical Testing
- Mechanical Testing
- Performance & Approvals Testing

: Accreditation No. 983
: Accreditation No. 985
: Accreditation No. 1356

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APPROVED SIGNATORY

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

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AS 2001.3.4-1995

Test A

Determination of Extractable Matter

Mean 0.8 %
Solvent Methanol

AS/NZS 2111.9-1996

Determination of Number of Tufts per unit Length

S (Parallel to Selvedge) (Stitches) 29.8 / 100mm
G (Right Angles to Selvedge) (Gauge) 31.7 / 100mm

AS/NZS 2111.5-1996

Determination of Pile Thickness above the backing - ACCS Modified

| | 1 | 2 | 3 | 4 | Mean |
|-------------------|-----|-----|-----|-----|--------|
| Total Thickness | 9.3 | 9.4 | 9.1 | 9.2 | 9.2 mm |
| Backing Thickness | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 mm |
| Pile Thickness | 6.6 | 6.7 | 6.3 | 6.5 | 6.5 mm |

Template used to facilitate thickness measurement.

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MICHAEL A. JACKSON B.Sc. (Hons)
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0204/11/06

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TWC 251/247/284-2009

Texture and Colour Change - Hexapod Tumbler Tester

| After 1500 cycles | Texture | Colour |
|-------------------------------|---------|--------|
| Mean Grade | 3.5 | 4.0 |
| Mean Worst Angle | 3.5 | 4.0 |
| Pile Thickness Loss | | 0.4 mm |
| Pile Thickness Loss | | 5.7 % |
| After 8000 cycles | Texture | Colour |
| Mean Grade | 2.0 | 3.5 |
| Mean Worst Angle | 2.0 | 3.5 |
| Pile Thickness Loss | | 3.1 mm |
| Pile Thickness Loss | | 47.6 % |
| Total Carpet Thickness | | 9.3 mm |
| Total Pile Thickness | | 6.5 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

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**AS 2404-1980
(ACCS Modified)**

Fire Propagation Properties (AS 2111.18 Pill Test)

Pass

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

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