

# 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 :** 18-006543  
**Issue Date :** 19/11/2018  
**Print Date :** 22/02/2019

### Replacement of Initial Report dated :19/11/2018

**Sample Description** Clients Ref : "Magnificus Royale"  
Cut pile carpet  
Colour : Dark grey  
Nominal Composition : Olefin  
Nominal Mass per Unit Area/Density : 2300g/m2

#### AS/NZS 2111.4-1996

#### Surface Pile Mass at Standard Conditions

Corrected Surface Pile Mass, mean	1877 g/m <sup>2</sup>
Standard Allowance	2.00 %
Specimen	
1	1852 g/m <sup>2</sup>
2	1851 g/m <sup>2</sup>
3	1824 g/m <sup>2</sup>
4	1854 g/m <sup>2</sup>
Mean	1845 g/m <sup>2</sup>
Coefficient of Variation	0.8 %
Moisture Regain of Pile	0.3 %

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/NZS 2111.9-1996**

#### Determination of Number of Tufts per unit Length

S (Parallel to Selvedge) (Stitches) 45.5 / 100mm

G (Right Angles to Selvedge) (Gauge) 39.4 / 100mm

**AS/NZS 2111.5-1996**

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

	1	2	3	4	Mean
Total Thickness	14.6	14.2	13.8	14.2	14.2 mm
Backing Thickness	2.3	2.2	2.2	2.2	2.2 mm
Pile Thickness	12.3	12.1	11.6	12.1	12.0 mm

Template used to facilitate thickness measurement.

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0204/11/06

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TWC 251/247/284-2009

#### Texture and Colour Change - Hexapod Tumbler Tester

	Texture	Colour
After 1500 cycles		
Mean Grade	4.5	4.5
Mean Worst Angle	4.5	4.5
Pile Thickness Loss		0.2 mm
Pile Thickness Loss		2.0 %
After 8000 cycles		
Mean Grade	3.0	3.5
Mean Worst Angle	3.0	2.5
Pile Thickness Loss		1.4 mm
Pile Thickness Loss		11.3 %
Total Carpet Thickness		15.6 mm
Total Pile Thickness		12.0 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.

**AS 2001.3.4-1995  
Test A**

**Determination of Extractable Matter**

Mean 1.7 %  
Solvent Methanol

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