

AWTA PRODUCT TESTING

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

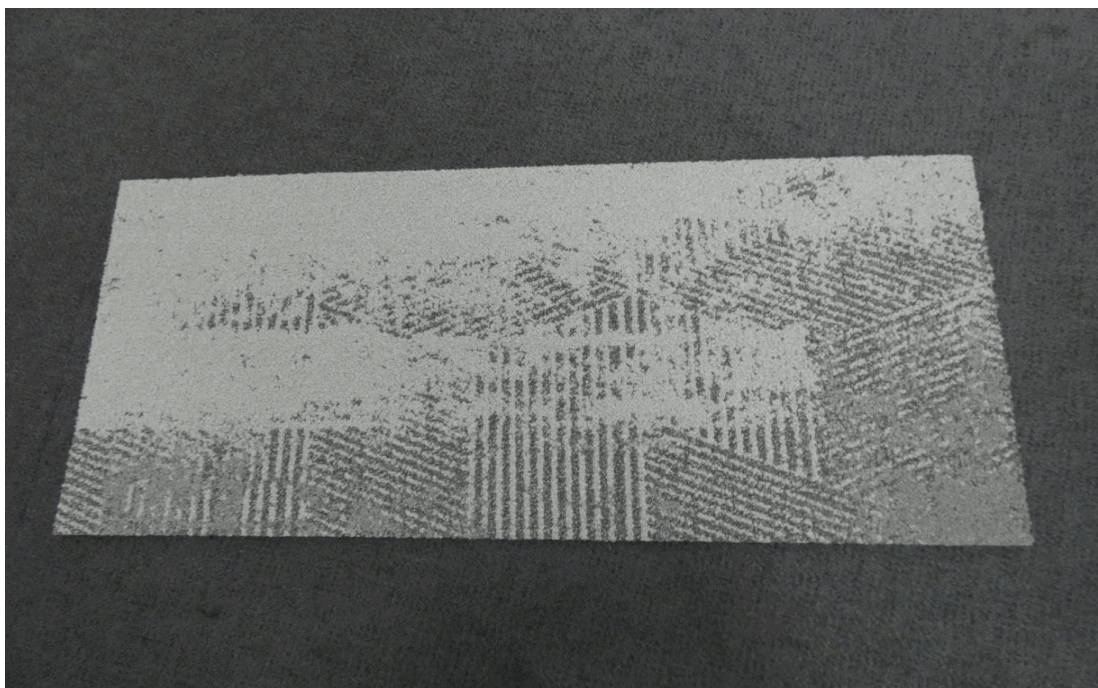
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
P.O Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2400

TEST REPORT

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

Test Number : 25-000049
Issue Date : 11/02/2025
Print Date : 11/02/2025

Sample Description Clients Ref : "Expression - Habitat Range"
Loop pile carpet tile
End Use : Flooring
Nominal Composition : Aquafil Nylon
Nominal Mass per Unit Area/Density : 27oz/yd²
Nominal Thickness : Approx: 9mm



342256

74966

Page 1 of 5

© Australian Wool Testing Authority Ltd
Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing
Accreditation Numbers: 983, 985, and 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



Chris Campbell

APPROVED SIGNATORY

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

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 : 25-000049
Issue Date : 11/02/2025
Print Date : 11/02/2025

AS/NZS 2111.4-1996

Surface Pile Mass at Standard Conditions

Date of Testing	31/01/2025
Corrected Surface Pile Mass, mean	545 g/m ²
Standard Allowance	5.75 %
Specimen	
1	612 g/m ²
2	555 g/m ²
3	469 g/m ²
4	505 g/m ²
Mean	535 g/m ²
Coefficient of Variation	11.6 %
Moisture Regain of Pile	3.9 %
Modified: Corrected for moisture regain only.	
Apparatus: Band knife	

342256

74966

Page 2 of 5

© Australian Wool Testing Authority Ltd
Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing
Accreditation Numbers: 983, 985, and 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



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 : 25-000049
Issue Date : 11/02/2025
Print Date : 11/02/2025

AS 2001.3.4-1995 Test A

Determination of Extractable Matter

Date of Testing 05/02/2025
Mean 0.3 %
Solvent Dichloromethane

AS/NZS 2111.9-1996

Determination of Number of Tufts per unit Length

Date of Testing 29/01/2025
S (Parallel to Selvage) (Stitches) 53.7 / 100mm
G (Right Angles to Selvage) (Gauge) 48.0 / 100mm

Results are for guidance purposes only due to difficulties in measuring the product as per method.

AS/NZS 2111.5-1996

Determination of Pile Thickness above the backing - ACCS Modified

Date of Testing 31/01/2025

	1	2	3	4	Mean
Total Thickness	7.3	7.5	7.4	7.4	7.4 mm
Backing Thickness	4.2	4.3	4.5	4.2	4.3 mm
Pile Thickness	3.1	3.2	2.9	3.2	3.1 mm

Template used to facilitate thickness measurement.

342256

74966

Page 3 of 5

© Australian Wool Testing Authority Ltd
Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing
Accreditation Numbers: 983, 985, and 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



Chris Campbell
APPROVED SIGNATORY

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

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 : 25-000049
Issue Date : 11/02/2025
Print Date : 11/02/2025

TWC 251/247/284-2009

Texture and Colour Change - Hexapod Tumbler Tester

Date of Testing		31/01/2025
After 1500 cycles	Texture	Colour
Mean Grade	4.0	4.5
Mean Worst Angle	4.0	4.5
Pile Thickness Loss		0.5 mm
Pile Thickness Loss		14.6 %
After 8000 cycles	Texture	Colour
Mean Grade	3.5	4.0
Mean Worst Angle	3.0	4.0
Pile Thickness Loss		1.0 mm
Pile Thickness Loss		30.7 %
Total Carpet Thickness		7.5 mm
Total Pile Thickness		3.1 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

342256

74966

Page 4 of 5

© Australian Wool Testing Authority Ltd
Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing
Accreditation Numbers: 983, 985, and 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



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 : 25-000049
Issue Date : 11/02/2025
Print Date : 11/02/2025

AS 2404-1980
(ACCS Modified)

Fire Propagation Properties (AS 2111.18 Pill Test)

Date of Testing

31/01/2025

Pass

342256

74966

Page 5 of 5

© Australian Wool Testing Authority Ltd
Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing
Accreditation Numbers: 983, 985, and 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



Chris Campbell

APPROVED SIGNATORY

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