

AWTA PRODUCT TESTING

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

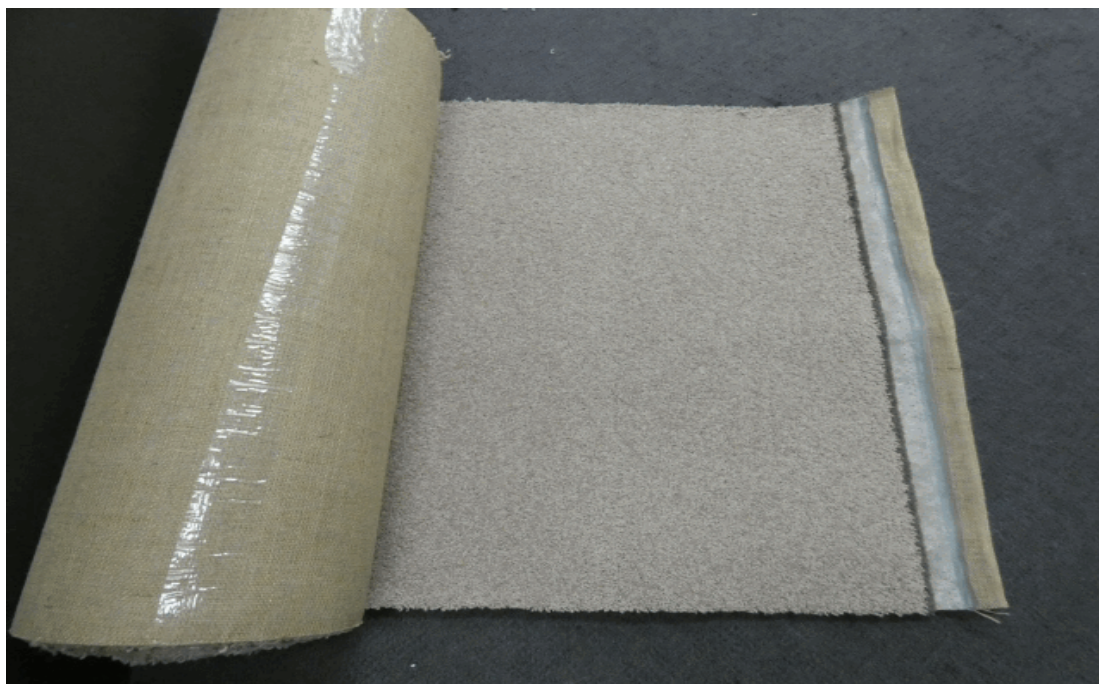
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
P.O Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2400

TEST REPORT

Client : Bremworth
7 Grayson Avenue
Papatoetoe
Auckland 2104 New Zealand

Test Number : 22-002332
Issue Date : 15/07/2022
Print Date : 15/07/2022

Sample Description Clients Ref : "Charmeuse 755"
Cut pile tufted carpet



272981

58995

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

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MANAGING DIRECTOR

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ASTM C518-2021

Steady-State Thermal Transmission Properties by Means of the Heat Flow Apparatus

Test Date	14-07-2022	
Test Apparatus	Lasercomp Fox 314	
Sample Orientation	Horizontal	
Heat Flow Direction	Up	
Mean Test Temperature	23 °C	
Temperature Differential	20 °C	
Average Thermal Gradient	270.5 K/m	
Estimated uncertainty in results	3.1 %	
Specimen	1	2
Specimen Thickness (as received)	15	15 mm
Specimen Thickness (as tested)	73	74 mm
Specimen Density (as tested)	224	223 kg/m ³
Test Duration	02:47	02:29 hrs:mins
Measured Heat Flux	17.5	17.3 W/m ²
Measured Thermal Conductance	0.8728	0.8659 W/m ² K
Measured Thermal Conductivity	0.0641	0.0645 W/m.K
Thermal Resistance	1.1	1.2 m ² K/W
Thermal Resistance (1 layer)	0.23	0.23 m ² K/W

The calibration of the Heat Flow Apparatus was checked immediately prior to the commencement of the test.

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