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 : MIFLOR
146 Carrington Street
O'Connor WA 6163

Test Number : 19-004920
Issue Date : 3/09/2019
Print Date : 2/10/2019

Sample Description
Clients Ref : "Cypress SPC"
Stone Plastic Composite Flooring
Colour : Timber Look
End Use : Flooring

ASTM C518-2017 **Steady-State Thermal Transmission Properties by Means of the Heat Flow Apparatus**

Date of Testing		02/09/2019	
Test Date		02/09/2019	
Test Apparatus		Lasercomp Fox 600	
Sample Orientation		Horizontal	
Heat Flow Direction		Up	
Mean Test Temperature		23	°C
Temperature Differential		20	°C
Average Thermal Gradient		1126.1	K/m
Estimated uncertainty in results		3.9	%
Specimen	1	2	
Specimen Thickness (as received)	5.6	5.7	mm
Specimen Thickness (as tested)	5.6	5.7	mm
Specimen Density (as tested)	1571	1535	kg/m³
Test Duration	01:35	01:29	hrs:mins

Accredited for compliance with ISO/IEC 17025 - Testing
- Chemical Testing : Accreditation No. 983
- Mechanical Testing : Accreditation No. 985

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

APPROVED SIGNATORY

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

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Measured Heat Flux	193.2	203.6	W/m²
Measured Thermal Conductance	0.8236	0.8760	W/m²K
Measured Thermal Conductivity	0.1459	0.1559	W/m.K
Thermal Resistance	0.04	0.04	m²K/W

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

For testing purposes the samples were sandwiched between 2 layers of standard foam sheets. The total thermal resistance of the assembly was measured and the previously measured thermal resistance of the foam subtracted to give the thermal resistance of the product.

Specimens tested with bottom side towards the cold plate.

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