

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 : Ace Wall Group Pty Ltd
12 Endeavour Drive
Adelaide SA 5015

Test Number : 23-002454
Issue Date : 20/07/2023
Print Date : 20/07/2023

Sample Description Clients Ref : "Ace-Wall Panels"
Extruded panel with hollow channels
Colour : White
End Use : Building Material
Nominal Composition : Reinforced fibre gypsumbase
Nominal Thickness : 100mm



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

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A handwritten signature in blue ink, likely belonging to Fiona McDonald.

Fiona McDonald

APPROVED SIGNATORY

A handwritten signature in black ink, likely belonging to Michael A. Jackson.

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

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ASTM C518-2021

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

Test Date	19-07-2023	
Test Apparatus	Lasercomp Fox 314	
Sample Orientation	Horizontal	
Heat Flow Direction	Up	
Mean Test Temperature	23 °C	
Temperature Differential	20 °C	
Average Thermal Gradient	197.4 K/m	
Estimated uncertainty in results	3.1 %	
Specimen	1	2
Specimen Thickness (as received)	101	101 mm
Specimen Thickness (as tested)	101	101 mm
Specimen Density (as tested)	373	373 kg/m ³
Test Duration	01:47	01:26 hrs:mins
Measured Heat Flux	83.8	83.4 W/m ²
Measured Thermal Conductance	0.4189	0.4170 W/m ² K
Measured Thermal Conductivity	0.0424	0.0423 W/m.K
Thermal Resistance	2.4	2.4 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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Fiona McDonald

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