

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 : Bortas
7 Ingleton Court
Narre Warren VIC 3085

Test Number : 20-003921
Issue Date : 3/09/2020
Print Date : 8/09/2020

Sample Description Bormag Insulated Panels

ASTM C518-2017

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

Test Date		02/09/2020
Test Apparatus		Lasercomp Fox 314
Sample Orientation		Horizontal
Heat Flow Direction		Up
Mean Test Temperature		23 °C
Temperature Differential		20 °C
Average Thermal Gradient		207.5 K/m
Estimated uncertainty in results		3.1 %
Specimen	1	2
Specimen Thickness (as received)	96	96 mm
Specimen Thickness (as tested)	96	96 mm
Specimen Density (as tested)	801	801 kg/m ³
Test Duration	04:51	02:38 hrs:mins
Measured Heat Flux	39.4	39.9 W/m ²
Measured Thermal Conductance	0.1989	0.2009 W/m ² K
Measured Thermal Conductivity	0.1917	0.1936 W/m.K
Thermal Resistance	0.50	0.50 m ² K/W

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: Accreditation No. 983
: Accreditation No. 985
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APPROVED SIGNATORY



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

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

Only one specimen supplied.

Specimen was turned at right-angles for the second result.

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MANAGING DIRECTOR