

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	Test Number	:	20-003921
	7 Ingleton Court	Issue Date	:	3/09/2020
	Narre Warren VIC 3085	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 02/09/2							
	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/m³				
	Test Duration	04:51	02:38	hrs:mins				
	Measured Heat Flux	39.4	39.9	W/m²				
	Measured Thermal Conductance	0.1989	0.2009	W/m²K				
	Measured Thermal Conductivity	0.1917	0.1936	W/m.K				
	Thermal Resistance	0.50	0.50	m²K/W				

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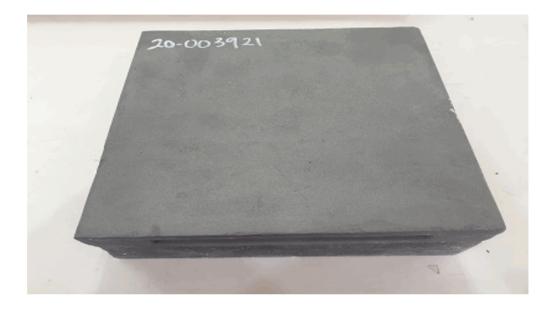
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The calibration of the Heat Flow Apparatus was checked immediately prior to the commencement of the test.

Only one specimen supplied.

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

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