

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing

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TEST REPORT

Client : LWY Imports
391-395 Sommerville Road
West Footscray VIC 3012

Test Number : 16-001250
Issue Date : 15/03/2016
Print Date : 7/04/2016

Sample Description Honeycomb panel
Colour : White
End Use : Wall Cladding
Nominal Composition : PVC

ASTM C518-2010

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

Test Date		15/03/2016
Test Apparatus		Lasercomp Fox 600
Sample Orientation		Horizontal
Mean Test Temperature		23 °C
Temperature Differential		20 °
Estimated uncertainty in results		3.9 %
Specimen	1	2
Specimen Thickness (as received)	9.0	9.0 mm
Specimen Thickness (as tested)	9.0	9.0 mm
Specimen Density (as tested)	331	330 kg/m ³
Test Duration	01:12	01:12 hrs:mins
Measured Heat Flux	69.0	68.1 W/m ²
Measured Thermal Conductivity	0.0832	0.0825 W/m.K
Thermal Resistance	0.11	0.11 m ² K/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.

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APPROVED SIGNATORY

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