

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
A.B.N 43 006 014 106

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TEST REPORT

Client : Bailey Interiors
83-85 Boundary Road
Mortdale NSW 2223

Test Number : 14-001048
Issue Date : 31/10/2014
Print Date : 31/10/2014

Sample Description Clients Ref : "New Shadex"
White molded plaster ceiling tiles - pre insulated with glass fibre batt
Colour : White
End Use : Ceiling tiles
Nominal Composition : Plaster/fibreglass

ASTM C518-2010

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

Test Date		27/10/2014
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)	40	39 mm
Specimen Thickness (as tested)	40	39 mm
Specimen Density (as tested)	391	403 kg/m ³
Test Duration	01:55	02:00 hrs:mins
Measured Heat Flux	26.0	27.8 W/m ²
Measured Thermal Conductivity	0.0520	0.0544 W/m.K
Thermal Resistance	0.8	0.7 m ² K/W

6486

1202

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- Mechanical Testing
- Performance & Approvals Testing

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APPROVED SIGNATORY

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