

# AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing  
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## TEST REPORT

**Client :** AR Building Solutions Pty Ltd  
8 Greenhill Road  
Wayville SA 5034

**Test Number :** 14-001362  
**Issue Date :** 19/11/2014  
**Print Date :** 19/11/2014

**Sample Description** Clients Ref : "Megaboard"  
Flat board covering panel  
Colour : White

### ASTM C518-2010

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

Test Date		12/11/2014
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)	21	21 mm
Specimen Thickness (as tested)	21	21 mm
Specimen Density (as tested)	976	960 kg/m <sup>3</sup>
Test Duration	01:23	01:27 hrs:mins
Measured Heat Flux	119.1	119.1 W/m <sup>2</sup>
Measured Thermal Conductivity	0.1278	0.1271 W/m.K
Thermal Resistance	0.2	0.2 m <sup>2</sup> K/W

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- Mechanical Testing  
- Performance & Approvals Testing

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APPROVED SIGNATORY

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MANAGING DIRECTOR