

Thermal Resistance Test Certificate

Thursday, April 13th, 2023

Supplier: Australian Select Timbers Pty Ltd (136 Atlas Boulevard, Dandenong South, VIC 3175, Australia)

Sample Description: Kodiak Lite Collection Vinyl Plank

Date Tested: 6 April 2023 (Tested through Laboratories – NATA Accreditation 1356)

Test Method: ASTM C518-2017 “Steady-State Thermal Transmission Properties by Means of the Heat Flow Apparatus”.

Test Data:

Sample Identification	Kodiak Lite Collection Vinyl Plank		
Specimen	1	2	Averaged
Specimen Thickness as received (mm)	5.5	5.4	5.45
Specimen Thickness as tested (mm)	5.5	5.4	5.45
Specimen Density as tested (kg/m ³)	1684	1688	1686
Test Duration (hrs:mins)	1:25	0:47	1:06
Measured Heat Flux (W/m ²)	621.4	640.7	631.05
Measured Thermal Conductance (W/m ² .K)	31.0723	32.0334	31.5529
Measured Thermal (K value) Conductivity (W/m.K)	0.1720	0.1744	0.1732
Thermal Resistance (R value) (m ² K/W)	0.03	0.03	0.03

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

The specimens tested with the green face towards the hot plate.

Photo of the tested sample



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