

## Thermal Resistance of Low Density Fibre Insulation (ASTM C653 / AS 4254.1 / AS/NZS 4859.1-2002)

This guide describes the calculation and interpolation of a thermal resistance value for low-density blanket-type insulation material at a particular density and thickness having been selected as representative of the product. It requires measured values of this average density and thickness, as well as apparent thermal conductivity values determined by Test Method ASTM C518 at a variety of thicknesses.

**Requirements:** Per the AS/NZS 4859.1-2002 Standard, "Materials for the thermal insulation of buildings", the test method ASTM C653 is called up for the use of Low Density Fibrous products.

**Cost per test:** \$2219.00 (pre GST)

**Test code:** T19H

**Standard lead time:** 3 weeks

**Sample size:** 27m<sup>2</sup> or typically 3 unopened commercial packs

Company name	
Company address	
Contact person	
Contact person email	
Contact person phone number	
Name of your product	
Description of your product	
Composition of your product	
g/m <sup>2</sup> or density	
Product Thickness	
End use of your product	

Delivery Address AWTA Product Testing Level 1, 191 Racecourse Rd, Flemington VIC 3031, Australia	Further information AWTA Product Testing Phone: (03) 9371 2400 Email: <a href="mailto:producttesting@awta.com.au">producttesting@awta.com.au</a>
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**IMPORTANT NOTE:** [That by submitting samples for testing YOU AGREE that the resulting testing shall be performed under our terms and conditions for testing and consulting services: www.awtaproducttesting.com.au/index.php/about/terms-and-conditions](http://www.awtaproducttesting.com.au/index.php/about/terms-and-conditions)

Test fees valid 1 July 2022 – 30 June 2023