

Thermal Transmission Properties

Specification: AS/NZS 4859.1:2018

Test Method: ASTM C518

This test method covers the measurement of steady state thermal transmission through flat slab specimens using a heat flow meter apparatus. From the test, the thermal conductivity and R-value is determined.

The National Construction Code requires an Insulation Value (R) to be determined in accordance with AS/NZS 4859.1:2018 "*Materials for the thermal insulation of buildings*". For Formed Shaped, Formed in-situ, and Reflective Products, this standard calls up test method ASTM C518. Examples of products: Low Density Insulation (wool, glass, rock wool, polyester)

Test Code: T19F10

Specimen Thickness: Up to 100mm
101mm to 200mm

Specimens required: 10 specimens

Specimen size: 300mm x 300mm
Specimen size: 610mm x 610mm

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 ² or density	
Product Thickness	
End use of your product	

Delivery Address	Further information
AWTA Product Testing Level 1, 191 Racecourse Rd, Flemington VIC 3031, Australia	AWTA Product Testing Phone: (03) 9371 2400 Email: producttesting@awta.com.au

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