

**Bushfire-Resisting Timber – AS 3959-2018 Appendix F  
Cone Calorimeter (AS/NZS 3837 at 25 kW/m<sup>2</sup>)**

**Scope:** To satisfy the requirements as a bushfire-resisting timber, it must be tested in accordance with AS/NZS 3837 and meet the following requirements:

- (a) The maximum heat release rate shall not be greater than 100 kW/m<sup>2</sup>, and
- (b) The average heat release rate for 10 minutes following ignition shall not be greater than 60 kW/m<sup>2</sup> when exposed to an irradiance level of 25 kW/m<sup>2</sup>.

This test method is applicable to wood products, such as solid timber, engineered plywood, HDF, MDF, particle board.

Timber that has been altered by chemicals must be subjected to accelerated weathering prior to testing, unless where it is protected from the weather, (as described in the AS 1684 series).

The accelerated weathering is not included in the price listed below (price on application).

Wood Plastic Composite materials can be tested to the set requirements of the specification, but do not meet satisfy the definition of reconstituted timber, thus a statement of compliance or otherwise cannot be provided.

**Sample size:** 100mm x 100mm of which we would require 10 specimens.

**Test Code:** T45G

Company name	
Company address	
Contact person	
Contact person email	
Contact person phone number	
Name of your product	
Description	
<b>† Composition of your product</b>	
<b>† Mass (g/m<sup>2</sup>) or Density (kg/m<sup>3</sup>)</b>	

<b>Delivery Address</b> AWTA Product Testing Level 1, 191 Racecourse Rd, Flemington VIC 3031, Australia	<b>Further information</b> 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)

† <i>Product Thickness</i>	
† <i>End use of your product</i>	

† **Important Note: Reports cannot be issued without this information.**

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