



AWTA PRODUCT TESTING



**BUILDING MATERIAL  
TESTING**

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## FLAMMABILITY

Specification C1.10 per the National Construction Code (Building Code of Australia) and C1-C6 from the New Zealand Building Code, as regulated.

### Test Capability

- Flooring
  - Critical heat flux
    - ASISO 9239.1
    - ISO 9239.1
- Wall and ceiling linings
  - Cone calorimeter
    - AS/NZS 3837
    - ISO 5660.1 and 5660.2
- Building materials
  - Early fire hazard properties
    - AS/NZS 1530.3
- Sarking
  - Flammability of materials
    - AS 1530.2 per AS/NZS 4200.1



# *Building Material Testing Services*

## **THERMAL INSULATION**

Measure the ability of your product to conduct or insulate from heat.

### **Test Capability**

- Low density fibrous insulation
  - ASTM C653 per AS/NZS 4859.1
- Rigid formed shapes and reflective insulation
  - ASTM C518 per AS/NZS 4859.1

## **MECHANICAL**

Measure your products structural integrity.

### **Test Capability**

- Ducting (flexible and rigid)
  - AS 4254.1 and 4254.2
- Slip pendulum (performed dry or wet)
  - AS 4586 Appendix A
- Pliable building membranes and underlays
  - AS/NZS 4201.0-6 per AS/NZS 4200.1



# *Building Material Testing Services*

## **CHEMICAL**

Does your product meet Environmental Certification Schemes?

### **Test Capability**

Volatile Organic Compounds (VOC) for componentry, textile and timber floor coverings.

- ISO 15080
- ASTM D5116

## **WEATHERING**

How does your product cope with the elements?

### **Test Capability**

- Corrosion resistance - salt fog exposure
- Fastness to UV light and solar radiation
- Exposure to humidity
- Exposure to temperature - cycling options available



# **SPECIALISED BUILDING MATERIAL TESTING**

## **TESTING TO MEET LEGISLATIVE REQUIREMENTS**

AWTA Product Testing provides independent and comprehensive testing services to the building and manufacturing sectors.

Tests are provided to a variety of local and international standards and methods, as required by industry and specific regulations.



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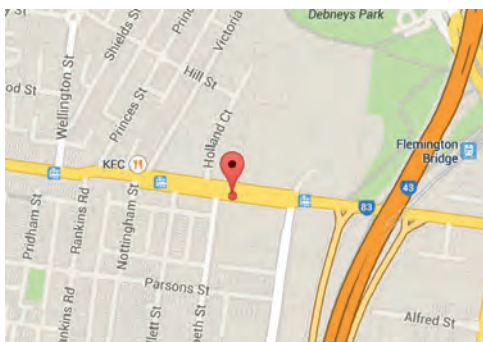
## Contact

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