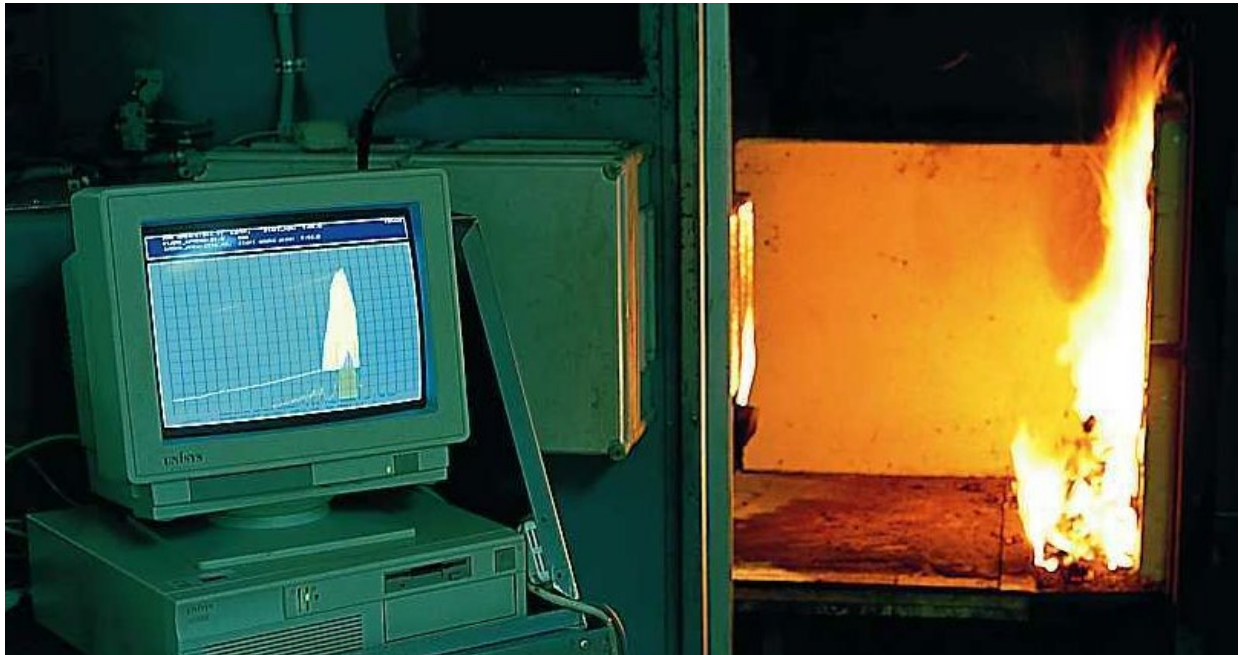


Early Fire Hazard Properties (AS/NZS 1530.3)

The Australian National Construction Code calls up the AS/NZS 1530.3 for products used in Class 2-9 buildings not called up in clauses 3, 4, 5 or 6 per Specification 7 clause 7. This includes insulation; fixed seating; drapery and other materials etc.



This Standard sets out a test method for the assessment of building materials and components according to:

- (a) their tendency to ignite
- (b) their tendency to propagate flame
- (c) the heat they release once ignition has occurred, and
- (d) their tendency to release smoke.

A vertically mounted specimen is subjected to an increasingly intense radiant heat source in incremental steps over a 20 minute period. Any volatile gasses emitted by the specimen are tested with a small flame to try and ignite them. The time to ignition (if it occurs), the rate of increase of heat, the total amount of heat produced and the highest amount of smoke produced in any minute of the test are recorded and four indices are calculated.

The four indices are the Ignitability Index, the Spread of Flame Index, the Heat Evolved Index and the Smoke Developed Index.

The Indices obtained can be compared to the requirements given in the Australian National Construction Code to determine into which classes of buildings the product may be placed.

Sample size: 600mm x 450mm (we require 10 specimens)

Test code: T18B

Contact AWTA Product testing on:

☎ Phone: (03) 9371 2400

✉ Email: producttesting@awta.com.au