



Fire Rate Boards 2400 x 1200 x 9mm

### Common Applications

- Ideal for Splashbacks & stainless steel kitchens

### Features

- Certified by Gas Authorities

## Certificate of Test

### Certificate of Test

Quote No: NC6577

Report No: FNC10416

### Combustibility Test For Materials

Trade Name: FRB - Fire Retardant Board

### Description of Test Sample

The sponsor described the tested specimen as a board comprising natural organic-fibre cement, calcium silicate hydrate and quartz.

Nominal thickness: 9mm

Nominal density: 980 kg/m<sup>2</sup>

Colour: off white/grey with smooth surface finish

### Test Procedure

Five (5) samples were tested in accordance with Australian Standard 1530 - Methods for fire tests on building materials, components and structures, Part 1 - 1994: Combustibility Test For Materials

### Results

Mean furnace thermocouple temperature rise: 30.9°C

Mean specimen centre thermocouple temperature rise: 5.8°C

Mean specimen surface thermocouple temperature rise: 27.5°C

Mean duration of sustained flaming: 0 seconds

Mean mass loss: 15.1%

### Designation

The material is not deemed combustible according to the test criteria specified in Clause 3.4 of AS 1530.1-1994

These test results relate only to the behaviour of the test specimens of the material under the particular conditions of the test and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

Date Of Test: 31 January 2012

Issued on the 6th day of February 2012 without alterations or additions

CSIRO Materials Science and Engineering

## Exception Notice

### Gas Safety Act 1997 Exemption Notice (Section 72)

### Energy Safe Victoria Ref. No ER-11

Energy Safe Victoria has considered your application dated 26 March 2012 for exemption from compliance with the following regulation / standard / code numbers:

**ASS601-2004 Clause 5.12.1.2:** "The protection required by clause 5.12.1.1. shall ensure the surface temperature of the combustible surface does not exceed 65°C above ambient. Note: The fixing of 5mm thick ceramic tiles to the surface or attaching fire resistant material to the surface and covering with sheet metal with a minimum thickness of 0.4mm would satisfy this requirement."

**ASS601-2004 Clause C2:** "Fire resistant material shall have all of the following properties:

- (a) When tested to AS1530.1, be deemed not combustible
- (b) When tested to AS/NZS 1530.3, have zero (0) index for all the following:
  - (i) ignitability, (ii) Spread of flame, (iii) Heat evolved, (iv) Smoke developed."

### Nature of Exemption

The FRB board is considered to be a fire resistant material and may be used in the protection for combustible surfaces located within 200mm of a hotplate burner.

### Reasons for Exemption

AS5601-2004 requires fire resistant materials to be deemed non combustible when tested to AS1530.1 and have zero indices when tested to AS/NZS1530.3.

Clause C2 of the more recently published AS/NZS5601-2010 allows assessment to either AS1530.1 or AS/NZS1530.3.

The FRB Fire Retardant board is non combustible when assessed to AS1530.1, which satisfies the equivalent requirement in AS/NZS5601-2010.

The application for exemption as sought is granted subject to the conditions indicated below.

### Conditions:

A copy of this Exemption Notice shall be given to the customer.

Dated the 19th day of April 2012