

Certificate of Test

Quote No.: NC7507

REPORT No.: FNC11583

COMBUSTIBILITY TEST FOR MATERIALS IN ACCORDANCE WITH AS 1530.1-1994

TRADE NAME: 6 mm Calcium Silicate board

SPONSOR: Vitragroup Pty Ltd
13 Bromley Road
EMU PLAINS NSW 2750
AUSTRALIA

DESCRIPTION OF TEST SAMPLE:

The sponsor described the tested specimen as a calcium silicate board core of VitraSteel bonded laminated material.

Nominal thickness: 6 mm (50-mm for the test)
Nominal density: 1400 kg/m³
Colour: off white

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.
An alternative suitable insulating material was used to fill the annular space between the furnace tubes, as specified in Clause 4.2 of ISO 1182:2010.

RESULTS:

Mean furnace thermocouple temperature rise..... 9.4°C
Mean specimen centre thermocouple temperature rise..... 95.4°C
Mean specimen surface thermocouple temperature rise..... 22.4°C
Mean duration of sustained flaming..... 0 seconds
Mean mass loss..... 16.1%

DESIGNATION:

The material is NOT deemed COMBUSTIBLE according to the test criteria specified in Clause 3.4 of AS 1530.1-1994.

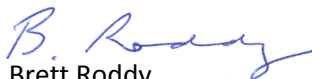
These test results relate only to the behaviour of the test specimens of the material under the particular conditions of the test and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

DATE OF TEST: 16 December 2015

Issued on the 16th day of January 2016 without alterations or additions.



Heherson Alarde
Testing Officer



Brett Roddy
Team Leader, Fire Testing and Assessments

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