

# Certificate of Test

Quote No.: NC7536

REPORT No.: FNC11690

## COMBUSTIBILITY TEST FOR MATERIALS IN ACCORDANCE WITH AS 1530.1-1994

**TRADE NAME:** Vitradual

**SPONSOR:** Fairview Architectural Pty Ltd  
18-20 Donald St  
LITHGOW NSW 2790  
AUSTRALIA

**DESCRIPTION OF TEST SAMPLE:**

The sponsor described the tested specimen as an uncoated solid aluminium panel. The 45-mm diameter aluminium discs were loose laid on each other and stacked up without adhesive to form the 50-mm height suitable for testing.

Nominal total thickness: 3-mm  
Nominal mass: 7.9 kg/m<sup>2</sup>  
Nominal total density: 2380 kg/m<sup>3</sup>  
Colour: silver (mill 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.

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..... 9.6°C  
Mean specimen centre thermocouple temperature rise ..... 5.8°C  
Mean specimen surface thermocouple temperature rise..... 6.4°C  
Mean duration of sustained flaming..... 0 seconds  
Mean mass loss..... 0.3%

**DESIGNATION:**

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

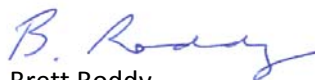
These test results relate only to the behaviour of the test specimens of the material under the particular conditions of the test and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

DATE OF TEST: 21 June 2016

Issued on the 16<sup>th</sup> day of August 2016 without alterations or additions.



Heherson Alarde  
Testing Officer



Brett Roddy  
Team Leader, Fire Testing and Assessments

Copyright CSIRO 2016 ©. Copying or alteration of this report without written authorisation from CSIRO is forbidden.



NATA Accredited Laboratory

Number: 165

Corporate Site No 3625

Accredited for compliance with ISO/IEC 17025.

CSIRO INFRASTRUCTURE TECHNOLOGIES

14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA  
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555 www.csiro.au

