

Certificate of Test

Quote No.: NC7737

REPORT No.: FNC11933

COMBUSTIBILITY TEST FOR MATERIALS IN ACCORDANCE WITH AS 1530.1-1994

TRADE NAME: Alutile (core only)

SPONSOR: The Good Aussie Co Pty Ltd trading as Alutile Australia
30 Webber Parade
EAST KEILOR VIC 3033
AUSTRALIA

DESCRIPTION OF TEST SAMPLE:

The sponsor described the tested specimen as an uncoated corrugated profiled aluminium core. For the test, the 45-mm diameter aluminium discs were loose laid on each other and stacked to form the 50-mm high test specimens.

Nominal thickness of disc: 0.3 mm (expanded to 2.6 mm corrugated)
Colour: silver

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..... 3.6°C
Mean specimen centre thermocouple temperature rise6.8°C
Mean specimen surface thermocouple temperature rise..... 2.6°C
Mean duration of sustained flaming.....0 seconds
Mean mass loss..... 0.9 %

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: 7 April 2017

Issued on the 19th day of April 2017 without alterations or additions.



Heherson Alarde
Testing Officer



Brett Roddy
Team Leader, Fire Testing and Assessments

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