

Certificate of Test

Quote No.: NC7710

REPORT No.: FNC11983A

COMBUSTIBILITY TEST FOR MATERIALS IN ACCORDANCE WITH AS 1530.1-1994

TRADE NAME: The Sponsor identified the tested specimen as an uncoated 0.05-mm thick aluminium foil for honeycomb or corrugated core of an aluminium composite panel.

SPONSOR: Guangdong Bolliya Metal Building Materials Co Ltd
No. 9 Xingye Road, Yanyuan Industrial Zone
Xingtan Town, Shunde District
FOSHAN CITY, GUANGDONG 528325
CHINA

DESCRIPTION OF TEST SAMPLE:

The sponsor described the tested specimen as an aluminium foil for honeycomb or corrugated core of an aluminium composite panel. The 45-mm diameter aluminium foil discs were loose laid on each other and stacked up without adhesive to form the 50-mm height suitable for testing.

Nominal thickness: 0.05 mm (50-mm thick for the test)
Nominal density: 2730 kg/m³
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..... 3.4°C
Mean specimen centre thermocouple temperature rise5.0°C
Mean specimen surface thermocouple temperature rise..... 1.2°C
Mean duration of sustained flaming.....0 seconds
Mean mass loss..... 0.06 %

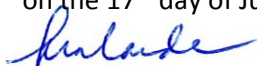
DESIGNATION:

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: 30 June 2017

Issued on the 28th day of July 2017 without alterations or additions. Supersedes Report No. FNC11983 issued on the 17th day of July 2017.



Heherson Alarde
Testing Officer



Brett Roddy
Team Leader, Fire Testing and Assessments

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Number: 165

Corporate Site No 3625

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