

Certificate of Test

Quote No.: NC7891

REPORT No.: FNC12071

COMBUSTIBILITY TEST FOR MATERIALS IN ACCORDANCE WITH AS 1530.1-1994

TRADE NAME: Aluminium Foil used in the following products:
TBA Firefly Non-Combustible Sarking (Breathable)
TBA Firefly Non-Combustible Sarking (Non-Breathable)
TBA Firefly Phoenix EA Sarking (Non-Breathable)
TBA Firefly Class 0 Foil Tape
TBA Firefly Vulcan (6 mm thick) Fire Barrier
TBA Firefly Plus 60 (10 mm thick) Fire Barrier
TBA Firefly Titan (15 mm thick) Fire Barrier

SPONSOR: TBA Textiles Pty Ltd
Unit 12, 6 Leighton Place
HORNSBY NSW 2077
AUSTRALIA

DESCRIPTION OF TEST SAMPLE: The sponsor described the tested specimen as an uncoated solid aluminium cylinder representative of the aluminium foil used in the products listed under the Trade Name section of this report.

Nominal thickness: 50 mm
Nominal total density: 2700 kg/m³
Colour: silver (uncoated aluminium)

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	7.8°C
Mean specimen centre thermocouple temperature rise	7.2°C
Mean specimen surface thermocouple temperature rise	14.2°C
Mean duration of sustained flaming	0 seconds
Mean mass loss	0.19 %

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: 1 December 2017

Issued on the 12th day of December 2017 without alterations or additions.



Faustin Molina
Testing Officer



Brett Roddy
Team Leader, Fire Testing and Assessments

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Number: 165

Corporate Site No 3625

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