

# Certificate of Test

Quote No.: NC8001

REPORT No.: FNC12169

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

**TRADE NAME:** Firecrunch

**SPONSOR:** Fire Combat Australia Pty Ltd Trading as Fire Crunch Australia  
Suite 19, Level 44 MLC Centre  
19 Martin Place  
SYDNEY NSW 2000  
AUSTRALIA

**DESCRIPTION OF TEST SAMPLE:**

The sponsor described the tested specimen as a magnesium oxide board (MgO) with an uncoated fibreglass mesh backing comprised of magnesium oxide, magnesium sulphate, wood shavings and fibreglass.

Nominal thickness: 10 mm (loose laid to form 50 mm for the test)  
Nominal density: 1.15 g/cm<sup>3</sup>  
Colour: grey and 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.....2.6°C  
Mean specimen centre thermocouple temperature rise..... 162.2°C  
Mean specimen surface thermocouple temperature rise.....4.0°C  
Mean duration of sustained flaming.....0 seconds  
Mean mass loss .....42.62%

**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: 15 June 2018

Issued on the 6<sup>th</sup> day of July 2018 without alterations or additions.



Faustin Molina  
Testing Officer



Brett Roddy  
Team Leader, Fire Testing and Assessments

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Number: 165

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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

