

# Certificate of Test

Quote No.: NC7910

REPORT No.: FNC12117

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

**TRADE NAME:** Armgo board

**SPONSOR:** Aussi Rossrock Import Pty Ltd  
38 Lipson Street  
PORT ADELAIDE SA 5015  
AUSTRALIA

**DESCRIPTION OF TEST SAMPLE:**

The sponsor described the tested specimen as magnesium oxide (MgO) board comprising of magnesium oxide, magnesium chloride and perlite. Non-woven fabric layers and pure un-coated fibre glass mesh are embedded into the material.

Nominal thickness: 10 mm (loose laid to form 50-mm thick for the test)  
Nominal density: 900 kg/m<sup>3</sup>  
Colour: white grey

**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 .....0.8°C  
Mean specimen centre thermocouple temperature rise ..... 213.6°C  
Mean specimen surface thermocouple temperature rise .....1.0°C  
Mean duration of sustained flaming..... 0 seconds  
Mean mass loss ..... 40.68%

**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: 12 February 2018

Issued on the 12<sup>th</sup> day of March 2018 without alterations or additions.



Faustin Molina  
Testing Officer



Brett Roddy  
Team Leader, Fire Testing and Assessments

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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

