

# CERTIFICATE

## Material Fire Test Certificate

IGNL-8375-06-01C I01R00

DATE OF TEST 10.01.2025  
ISSUE DATE 01.04.2025  
EXPIRY DATE 31.03.2030

Armstrong WoodWorks Ceiling and Wall Panels

**SPONSOR**  
Armstrong Ceiling Solutions Pty Ltd  
75 Long Street  
Smithfield, NSW 2164

**TEST BODY**  
Ignis Labs Pty Ltd  
ABN 36 620 256 617  
3 Cooper Place  
Queanbeyan NSW 2620  
Australia  
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(02) 6111 2909  
Test body is the test location



NATA Accredited Laboratory  
Number: 20534 Site number: 24604  
Accredited for compliance with  
ISO/IEC 17025 - Testing



### Introduction

Ignis Labs undertook a test of the perforated and non-perforated Armstrong WoodWorks Ceiling and Wall Panels provided by Armstrong Ceiling Solutions Pty Ltd. The testing was undertaken in accordance with AS ISO 9705-2003. The group number was assigned in accordance with AS 5637.1:2015. This is a short form AS 5637.1:2015 report. BCA requirements specify that the Group Number of a wall or ceiling lining shall be determined in accordance with AS 5637.1:2015. Clause 4 of AS 5637.1:2015 specifies the group number assignment, determination, and the test method selection.

### Product Description

The sponsor described the specimens as Armstrong WoodWorks 12 mm FR MDF with a melamine decorative paper finish and a core of MDF MR Fireguard. They have a nominal thickness of 12 mm, and the sponsor described the colour of the specimens as 'Sublime Teak'. Its end use is as ceiling and walls.

The specimens were received as panels of perforated MDF, with each panel measuring 2400 mm by 1200 mm. The panels had a wood grain patterned veneer on both faces and a black felt backing located on one face only. The MDF core was dark grey in colour. They had a measured thickness of approximately 12 mm.

Testing was undertaken on the perforated and non-perforated panel, with the variations for alternative perforation patterns assessed in Ignis Labs' Advisory Note IGNE-8375-01R.

Ignis Labs was not involved in the selection of the materials. At the request of the sponsor, Ignis Labs installed the panels according to Armstrong WoodWorks' perforated Ceiling and Wall panels installation guide.

AS 5637.1 Group Number: 1 | SMOGR<sub>ARC</sub> (in m<sup>2</sup>s<sup>-2</sup> x 1000): 32.9

### Test Method

The testing was undertaken in accordance with the requirements of AS ISO 9705-2003 R2016 with the exception that heat flux at the floor was not measured.

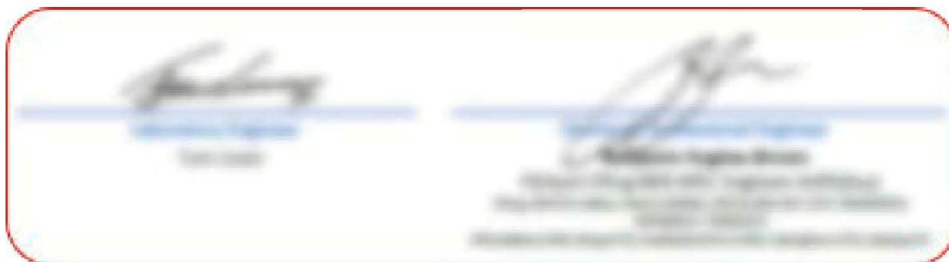
### Reference Documents

This certificate is based on the following documents:

- Ignis Labs Test Report IGNL-8375-06R I01R00 dated 10 January 2025.
- Ignis Labs Test Report IGNL-8375-06-02R I02R01 dated 16 January 2025.
- Ignis Labs Advisory Note IGNE-8375-01R I01R00 dated 25 February 2025

### Notes

1. The results of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.
2. As per Clause 4 of AS 5637.1:2015, the determination of the group number was based on the AS ISO 9705-2003 test.
3. Clause A5G3 (1)(e) of the BCA allows for evidence of suitability in relation to a report from a professional engineer that certifies that a material, product, form or construction or design fulfils specific requirements of the BCA, sets out the basis on which it is given and the extent to which relevant standards, specifications, rules, codes of practice or other publications have been relied upon to demonstrate it fulfils specific requirements of the BCA.
4. This report is provided in accordance with BCA Clause A5G3 (1)(e) as a report from a professional engineer. In accordance with BCA Clause A5G3 (1)(b) it is demonstrated that the material and testing demonstrates compliance with the requirements of the BCA in accordance with AS 5637.1:2015 in determining the group number.



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