

# FH6154-01-3-C1

## GROUP NUMBER CLASSIFICATION



This is to certify that the specimens described below were tested by BRANZ for determination of Group Number Classification and Average Specific Extinction Area in accordance with ISO 5660 Part 1 and 2 and AS/NZS 3837.

### Test Sponsor

Armstrong Ceiling Solutions (Australia) Pty Ltd  
75 Long Street  
Smithfield, NSW 2164  
Australia

### Date of tests

11 April and 7 June 2017

### Reference BRANZ Test Report

FH6154-01-3 – 26 July 2022

### Test specimens as described by the client

#### Metalworks Ceiling Panels

A metal ceiling panel with micro-perforated face and white powder coated finish. The ceiling panels include a Soundtex fleece backing (approx. 0.4 mm thick) applied to unexposed perforated face of the panel.

Specimen ID/s	Mean value			Colour	Indicative Group Number
	Mass (g)	Thickness (mm)	Apparent Density (kg/m <sup>3</sup> )		
FH6154-1-50-3/4/5	108.2	16.6	650	White	1
FH6154-2-50-1*	78.8	17.0	464	Black	1

Notes: \* - Single indicative test of unexposed face.  
All measurements include substrate.

### Group Number Classification in accordance with the New Zealand Building Code and NCC Australia

Calculations were carried out according to NZBC Verification Method C/VM2 Appendix A and AS 5637.1:2015. The group number classification and specific smoke extinction area for the sample as described above is given in the table below.

### Determination of Fire Hazard Properties

The specimen was deemed suitable for testing in accordance with AS 5637.1:2015 and testing was performed in accordance with AS/NZS 3837 for the purposes of Group Number Classification as specified in the NCC Volume One Specification C1.10 Clause 4.

Building Code Document	Group Number Classification
NZBC Verification Method C/VM2 Appendix A	1-S
NCC Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	1 The average specific extinction area was <b>less</b> than the 250 m <sup>2</sup> /kg limit

### Issued by

L. F. Hersche  
Fire Testing Engineer  
IANZ Approved Signatory

### Reviewed by

E. Soja  
Senior Fire Safety Engineer  
IANZ Approved Signatory

Regulatory authorities are advised to examine test reports before approving any product.



All tests and procedures reported herein, unless indicated, have been performed in accordance with the laboratory's scope of accreditation

### Issue Date

26 July 2022

### Expiry Date

26 July 2027