

# FH14104-02-1-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 Parts 1 and 2 and AS/NZS 3837.

### Test Sponsor

Knauf Gypsum Pty Ltd  
17-47 Turner Street  
Port Melbourne, VIC 3207  
Australia

### Date of tests

23 July and 30 September 2021

### Reference BRANZ Test Report

FH14104-02-1 – 12 May 2022

### Test specimens as described by the client

#### Knauf Impressions Black

Black painted, wet-formed mineral fibre ceiling panel.

Specimen Reference	Mass (g)	Thickness (mm)	Apparent Density (kg/m <sup>3</sup> )	Colour
FH14104-6-50-1	41.3	15.8	261	Black
FH14104-6-50-2	41.9	15.8	265	Black
FH14104-6-50-4	42.8	15.9	269	Black

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

Calculations were carried out according to NZBC Verification Method C/VM2 Appendix A. The classification for the sample as described above is given in the table below.

### Group Number Classification in accordance with NCC Australia


Calculations were carried out according to AS 5637.1:2015. The Group Number Classification and Average Smoke Extinction Area for the sample as described above is given in the table below.

### Determination of Fire Hazard Properties

The specimens were deemed suitable for testing in accordance with AS 5637.1:2015 and testing was performed in accordance with ISO 5660 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	2-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

  
J. R. Stallinger  
Associate Fire Testing  
Engineer  
BRANZ

### Reviewed by

  
L. F. Hersche  
Fire Testing 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**  
12 May 2022

**Expiry Date**  
12 May 2027