

# FH15783-03-1-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

29<sup>th</sup> April 2022

### Reference BRANZ Test Report

FH15783-03-1 – 29 July 2022

### Test specimens as described by the client

#### Knauf Firestop

Nominally 13 mm or 16 mm thick, comprising a gypsum core, laminated with a green paper front face and brown paper rear face.

Specimen Reference	Mass (g)	Thickness (mm)	Apparent Density (kg/m <sup>3</sup> )	Colour	Indicative Group Number
FH15783-3-50-1	109.8	12.9	851	Green	1-S
FH15783-3-50-2	127.7	13.1	975	Green	1-S
FH15783-3-50-3	127.6	13.0	982	Green	1-S
FH15783-4-50-1	130.2	16.2	808	Green	1-S

### 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.

### Discussion

No significant variations were detected in the performance of Firestop with nominal 16 mm thickness, and Firestop with nominal 13 mm thickness. Both samples were designated the same classification, as shown in the table below.

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

  
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.



### Issue Date

29 July 2022

### Expiry Date

29 July 2027

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