

# FH12525-001

## 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.

### Test Sponsor

USG Boral Building Products Pty Ltd  
251 Salmon St  
Port Melbourne, Victoria 3207  
Australia

### Date of tests

10 March, 3 June and 29 June 2020

### Reference BRANZ Test Report

FH12525-001 – 5 August 2020

### Test specimens as described by the client

10 mm SHEETROCK® Uniboard, 10 mm SHEETROCK® Wall Board, 10 mm SHEETROCK® Ceiling Board and 13 mm SHEETROCK® HD, all of which comprising of grey paper-faced gypsum plasterboard, with a brown paper backing.

Specimen Reference	Mass (g)	Thickness (mm)	Apparent Density (kg/m <sup>3</sup> )	Core Colour
FH12525-1-50-1	54.4	9.6	567	White
FH12525-2-50-1	85.6	12.8	669	White
FH12525-3-50-1	53.9	9.8	550	White
FH12525-4-50-2	58.6	9.7	604	White

Shaded row – indicative sample used to determine group number.

### 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, and was tested in accordance with ISO 5660:2002 Parts 1 and 2

### 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 and was tested in accordance with ISO 5660-1:2015.

### 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 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	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

E. Soja  
Senior Fire Safety Engineer  
IANZ Approved Signatory

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



### Issue Date

5 August 2020

### Expiry Date

5 August 2025

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