



# FH 6100-TT [2017]

## 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 AS/NZS 3837 and ISO 5660 Parts 1 and 2.

### Test Sponsor

USG Boral  
251 Salmon Street  
Port Melbourne  
Victoria 3207  
Australia

### Date of tests

27th January 2017

### Reference BRANZ Test Report

FH 6100-TT – issued 8th November 2017

### Test specimen as described by the client

#### USG Boral Skyrock™ Classic Acoustical Panel

A nominally 15 – 40 mm mineral wool tile with a painted fibre glass tissue surface.

Specimen Reference	Mean parameters				Colour
	Mass (g)	Thickness (mm)	Apparent Density (kg/m <sup>3</sup> )	Surface Coating (g/m <sup>2</sup> )	
FH6100-1	31.7	40	79	190	White
FH6100-2	11.6	14	83		Black

### Discussion

Testing was carried out on black and white painted specimens. There was no significant difference recorded in the testing. Therefore, it is considered that varying the colour facing using the same composition and weight of paint would if tested achieve the same Group Number Classification as those tested.

### 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 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.

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

Building Code Document	Group Number Classification
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
NZBC Verification Method C/VM2 Appendix A	1-S

### Issued by

L. F. Hersche  
Fire Testing Engineer

### Reviewed by

P. C. R. Collier  
Senior Fire Testing Engineer  
IANZ Approved Signatory



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

### Issue Date

8 November 2017

### Expiry Date

8 November 2022