

FH06245-001

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 Street
Port Melbourne, Victoria 3207
Australia

Date of tests

22 November 2017, 5 December 2017, and 28 February 2018

Reference BRANZ Test Report

FH06245-001 – 13 November 2018

Test specimens as described by the client

USG Boral Lay-in Ceiling Panel

A white powder-coated aluminium ceiling panel comprising 0.5 mm - 1 mm diameter perforations.

Specimen ID	Mass (g)	Thickness (mm)	Apparent Density (kg/m ³)	Colour
FH5848-1^	104.2	7.2	1448	White
FH5848-2	106.3*	7.0*	1530*	White

Notes: * mean value of replicate test specimens

^ single indicative sample

Discussion

No significant variations were detected in the testing of selected indicative samples and each was designated a Group 1-S classification.

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 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 less than the 250 m ² /kg limit

Issued by


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BRANZ

Reviewed by


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IANZ Approved Signatory

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



Issue Date

13 November 2018

Expiry Date

13 November 2023

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