FH6145-TT
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

28th March 2017

Reference BRANZ Test Report

FH 6145-TT – issued 21st April 2017

Test specimen as described by the client

USG Boral Boral Pin Perf (FH6145-1), white painted, water-felted, mineral fibre panels
Infill Ceiling Panels for Metal Ceiling Tiles (FH6145-2), water-felted, mineral fibre, lay in ceiling tiles

Specimen reference	Mean values			Colour
	Mass (g)	Thickness (mm)	Apparent density (kg/m³)	
FH6145-1	34.7	13.8	251	White
FH6145-2	30.2	11.8	256	Beige

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.

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 m2/kg limit

Issued by
L. F. Hersche,
Fire Testing Technician

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

Reviewed by
P. C. R. Collier,
Senior Fire 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
28th April 2017