

FH 6097-2

GROUP NUMBER CLASSIFICATION

This is to certify that the specimen described below was 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, 3207
Australia

Date of tests

1st and 6th December 2016
5 September 2018

Reference BRANZ Test Report

FH 6097-2 – issued 12 October 2018

Test specimen as described by the client

USG Boral Mars ClimaPlus (Star-USG) and Mars High-NRC / High-CAC Acoustical Ceiling Panel.

White painted, wet-formed mineral fibre acoustical ceiling panel.

Specimen Reference	Mean Mass (g)	Mean Thickness (mm)	Mean Apparent Density (kg/m ³)	Colour
FH6097-1-50-1, 2, 3	61.4	19.8	311	White
FH10392-2-50-1, 2, 3	55.1	22.3	247	White

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 and ISO 5660 Parts 1 and 2 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

L. F. Hersche,
Fire Testing Engineer



Reviewed by

P. C. R. Collier,
Senior Fire Testing Engineer

Issue Date

12 October 2018

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



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