

FH14345-01-1-C1

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

Armstrong Ceiling Solutions (Australia) Pty Ltd
Unit 4, 1 Basalt Road
Pemulwuy 2145
New South Wales Australia

Date of tests

11 August, 17 and 23 September 2021

Reference BRANZ Test Report

FH14345-01-1 – 13 October 2021

Test specimens as described by the client

Armstrong Ultima Acoustic Ceiling Panel

Nominally 19 mm thick mineral fibre ceiling board, with painted glasswool scrim.

Specimen Reference	Mass (g)	Thickness (mm)	Apparent Density (kg/m ³)	Colour (Exposed face)
FH14345-1-50-1	53.3	18.7	285	White
FH14345-1-50-2	53.3	18.8	284	White
FH14345-1-50-3	54.8	18.9	290	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 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


J. Stallinger
Associate Fire Testing Engineer
BRANZ

Reviewed by


L. F. Hersche
Fire Testing Engineer
IANZ Approved Signatory

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



Issue Date

13 October 2021

Expiry Date

13 October 2026

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