FH17658-04-2-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 and AS/NZS 3837.

Test Sponsor

Armstrong Ceiling Solutions (Australia) Pty Ltd
75 Long Street
Smithfield, NSW 2164
Australia

Date of tests

23 July, 30 September 2021, 10 May 2023 and 19 July 2024

Reference BRANZ Test Report

FH17658-04-2 – 7 August 2024

Test specimens as described by the client

Armstrong Fine Fissured (black) - Black painted, wet-formed mineral fibre ceiling panel.

Specimen Reference	Mass (g)	Thickness (mm)	Apparent Density (kg/m³)	Colour
FH14104-6-50-1	41.3	15.8	261	Black
FH14104-6-50-2	41.9	15.8	265	Black
FH14104-6-50-4	42.8	15.9	269	Black
FH17658-1-50-1	41.6	15.7	265	Black
FH19888-1-50-1	40.3	12.7	257	Black

Shaded rows – indicative test specimens

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 specimens were 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 (2019) and S7C4 (2022).

Building Code Document	Group Number Classification
NZBC Verification Method C/VM2 Appendix A	2-S
NCC 2019 Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	2 The average specific extinction area was **less** than the 250 m2/kg limit
NCC 2022 Volume One Specification S7C4 determined in accordance with AS 5637.1:2015	

Issued by

L. M. Grant
Associate Fire Testing Engineer

Reviewed and authorised by

L. F. Hersche
Fire Testing Engineer

Issue Date
7 August 2024

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

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