FH13384-001-C1 ISSUE 1
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
Unit 4, 1 Basalt Road
Pemulwuy, NSW 2145
Australia

Date of tests

16th and 23rd February 2021

Reference BRANZ Test Report

FH13384-001 Issue 1 – 26 March 2021

Test specimens as described by the client

Armstrong Soundscapes Floating Ceiling Panels (& Baffles), with Wood Effects. Indicative testing was also carried out on Optra Ceiling Panels, with Wood Effects. Both specimens consist of a glass wool substrate, with a painted face and edges.

Specimen Reference	Mass (g)	Thickness (mm)	Apparent Density (kg/m³)	Colour
FH13384-4-50-1	61.1	40.0	153	Brown
FH13384-4-50-2	72.5	40.1	181	Brown
FH13384-4-50-3	59.0	39.6	149	Brown
FH13384-3-50-1	30.3	20.5	148	Brown

Note: Shaded rows show samples tested in full herein.

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.

Discussion

No significant variations were detected in the indicative testing in Soundscapes Floating Ceiling Panels (& Baffles), with Wood Effects, and Optra Ceiling Panels, with Wood Effects. Each sample was designated the same classification, as shown 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.

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

J. R. Stallinger
Associate Fire Testing Engineer
BRANZ

Reviewed by

L. F. Hersche
Fire Testing Engineer
IANZ Approved Signatory

Issue Date
26 March 2021

Expiry Date
26 March 2026

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