

FH5964-01-2-C2

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

Pyrotek Pty Ltd
147 Magowar Rd
Girraween NSW 2145
Australia

Date of tests

4 March and 28 April 2016

Reference BRANZ Test Report

FH5964-01-2 – 14 September 2022

Test specimens as described by the client

Reapor

A ceramic porous acoustic tile composed of inorganic aggregates with a Pyrotek CB adhesive backing.

Specimen ID/s	Mean value		
	Mass (g)	Thickness (mm)	Apparent Density (kg/m ³)
FH5919-3-50-1	155.0	35.0	443
FH5919-3-50-2	98.5	36.0	274
FH5919-3-50-3	104.8	36.5	287

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 m ² /kg limit

Issued by


L. Greive
Associate Fire Testing Engineer
BRANZ

Reviewed by


L. F. Hersche
Fire Testing Engineer
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Regulatory authorities are advised to examine test reports before approving any product.



Issue Date

14 September 2022

Expiry Date

14 September 2027

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