

FH13473-01-2-C1

GROUP NUMBER ASSESSMENT



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 AS/NZS 3837.

Test Sponsor

Enviro-Acoustics Pty Ltd
2/29 Charles Street
St Marys, NSW 2760
Australia

Date of tests

8th December 2020

Reference BRANZ Test Report

FH13473-01-2 – 25 September 2024

Test specimens as described by the client

Envirospray 300

A cellulose-fibre insulation adhered to a fibre cement substrate, tested at a nominal 43 mm total thickness. The material contained Borax flame retardant at 100 g/kg and Boric acid flame retardant at 100 g/kg.

Specimen Reference	Mass (g)	Thickness (mm)	Apparent Density (kg/m ³)	Colour
FH13473-1-50-4	99.3	43.2	230	White
FH13473-1-50-5	103.7	43.3	239	White
FH13473-1-50-6	101.1	43.3	233	White

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 3837:1998 A1 for the purposes of Group Number Classification as specified in the NCC Volume One Specification 7, Clause S7C4.

Building Code Document	Group Number Classification
NCC Volume One Specification 7, Clause S7C4, 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. Q. Greive
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.



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

Issue Date
25 September 2024