

# FH5997-01-2-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 3837:1998.

### Test Sponsor

Pyrotek Pty Ltd  
147-149 Magowar Rd  
Girraween, NSW 2145  
Australia

### Date of tests

14 April and 21 June 2016

### Reference BRANZ Test Report

FH5997-01-2 – 23 November 2021

### Test specimens as described by the client

Soundlag 4525C, a foil faced mass loaded barrier and foam composite.

Specimen ID	Mean values		
	Mass (g)	Thickness (mm)	Apparent Density (kg/m <sup>3</sup> )
FH5919-4-50-2/3/4	53.0	18.7	283.8

### Group Number Classification in accordance with the New Zealand Building Code and Australian Building Code

Calculations were carried out according to NZBC Verification Method C/VM2 Appendix A and AS 5637.1. The classification for the sample as described above is given in the table below.

### Discussion

The test specimen included a foil facing which was removed prior to testing. The specimen did not melt or shrink away from a flame and was deemed suitable for testing in accordance with AS 5637.1.

Building Code Document	Group Number Classification
NZBC Verification Method C/VM2 Appendix A	3
NCC Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	3 The average specific extinction area was more than the 250 m <sup>2</sup> /kg limit.

### Issued By:

L. F. Hersche  
Fire Testing Engineer  
IANZ Approved Signatory

### Reviewed By:

E. Soja  
Senior Fire Safety Engineer  
IANZ Approved Signatory

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



### Issue Date

23 November 2021

### Expiry Date

23 November 2026

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