

# FI 5558 ISSUE 2

## GROUP CLASSIFICATION NUMBER



This is to certify that the specimen described below was tested by BRANZ for determination of Group Number Classification and SMOGRA in accordance with AS ISO 9705 – 2003 and Group Number Classification and Smoke Production Rate in accordance with ISO 9705:1993.

### Test Sponsor

Sealed Air (New Zealand)  
24 Bancroft Crescent  
Glendene  
Auckland 0602  
New Zealand

### Date of test

21 July 2015

### Reference BRANZ Test Report

FI 5558 ISSUE 2 – issued 24 April 2020

### Test specimen as described by the client

The product submitted by the client for testing was identified by the client as Stratocell® Whisper™ FR 50mm; sound absorbing polyethylene acoustic foam

### Group Number Classification in accordance with NCC Australia

Calculations were carried out as per AS 5637.1:2015. The Group Number Classification and SMOGRA<sub>RC</sub> 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 ISO 9705 – 2003 for the purposes of Group Number Classification as specified in the NCC Volume One Specification C1.10 Clause 4.

### 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

Building Code Document	Group Number Classification
NCC Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	<sup>1</sup> The SMOGRA was $11.7 \text{ m}^2/\text{s}^2 \times 1000$ and therefore within the $100 \text{ m}^2/\text{s}^2 \times 1000$ limit
NZBC Verification Method C/VM2 Appendix A	<sup>1-S</sup> Average Smoke Production Rate was $0.7 \text{ m}^2/\text{s}$ and therefore within the $5 \text{ m}^2/\text{s}$ limit

### Issued by

L. F. Hersche  
Fire Testing Engineer  
BRANZ

### Reviewed by

E. Soja  
Senior Fire Safety 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

24 April 2020

### Expiry Date

24 April 2025