

# FI 5550-01-3-C1

## 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 (R2016) and Group Number Classification and Smoke Production Rate in accordance with ISO 9705:1993.

### Test Sponsor

Autex Industries Ltd  
702-718 Rosebank Road  
Avondale 1746  
Auckland  
New Zealand

### Date of test

31 July 2014

### Reference BRANZ Test Report

FI 5550-01-3 – issued 18 June 2024

### Test specimen as described by the client

The product submitted by the client for testing was identified by the client as Autex e-foil faced HVAC, thermal, acoustic linings and wraps (including ADW, ARD and Masonry Construction Blanket)

### Group Number Classification in accordance with NCC Australia

Calculations were carried out as per AS 5637.1:2015. The Group Number Classification 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 (R2016) for the purposes of Group Number Classification as specified in the NCC Volume One Specification 7, Clause S7C4 in accordance with AS 5637.1:2015.

### 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 7, Clause S7C4 determined in accordance with AS 5637.1	<sup>1</sup> The SMOGRA was $4.6 \text{ m}^2/\text{s}^2 \times 1000$ and therefore within the $100 \text{ m}^2/\text{s}^2 \times 1000$ limit
NZBC Verification Method C/VM2 Appendix A	1-S Average Smoke Production Rate was $1.4 \text{ m}^2/\text{s}$ and therefore within the $5 \text{ m}^2/\text{s}$ limit

### Issued by

  
L. Q. Greive  
Fire Testing Engineer  
BRANZ

### Reviewed and Authorised by

  
L. F. Hersche  
Fire Testing Engineer  
IANZ Approved Signatory

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



### Issue Date

18 June 2024

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