

# FI12432-01-2-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

Woven Image Pty Ltd  
37-39 Chard Road  
Brookvale 2100  
New South Wales  
Australia

### Date of test

23 December 2019

### Reference BRANZ Test Report

FI12432-01-2 – issued 8/05/2024

### Test specimen as described by the client

The product submitted by the client for testing was identified by the client as EchoPanel® 100% PET (60% recycled) polyester fibre wall panel with nominal thickness of 24 mm and nominal weight of 3000 gsm. The product was tested adhered to a nominally 6 mm thick fibre-cement substrate.

### 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 (R2016) for the purposes of Group Number Classification as specified in the NCC 2022 Volume One Specification 7 Clause S7C4

### 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 2022 Volume One Specification 7 Clause S7C4 determined in accordance with AS 5637.1	1 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 $1.6 \text{ m}^2/\text{s}$ 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**  
8/05/2024

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