

# FI12432-001

## 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

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

### Date of test

23 December 2019

### Reference BRANZ Test Report

FI12432-001 – issued 28/02/2020

### 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 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 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	1 The SMOGRA was 4.6 m <sup>2</sup> /s <sup>2</sup> x 1000 and therefore within the 100 m <sup>2</sup> /s <sup>2</sup> x 1000 limit
NZBC Verification Method C/VM2 Appendix A	1-S Average Smoke Production Rate was 1.6 m <sup>2</sup> /s and therefore within the 5 m <sup>2</sup> /s limit

### Issued by

  
L. F. Hersche  
Fire Testing Engineer  
BRANZ

### Reviewed by

  
P. N. Whiting  
Senior Fire Engineer/Fire  
Testing Team Leader  
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**  
28/02/2020

**Expiry Date**  
28/02/2025