

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_{RC} 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.



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

Issue Date
8/05/2024