FI13456-001-C1
GROUP NUMBER CLASSIFICATION

This is to certify that BRANZ tested the specimen described below to determine 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

NZ Panels Group
15 Kerwyn Avenue
East Tamaki, Manukau 2013
New Zealand

Date of test

25 November 2020

Reference BRANZ Test Report

FI13456-001 – issued 11/06/2021

Test specimen as described by the client

Prime MDF FR MR, a nominally 12 mm thick fire-resistant medium density fibreboard of nominal weight 10 kg/m² and density 830 kg/m³.

Determination of Fire Hazard Properties

The specimen was deemed suitable for testing according to AS 5637.1:2015, and testing was performed according to AS ISO 9705:2003 (R2016) for Group Number Classification as specified in the NCC Volume One Specification C1.10 Clause 4.

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 are given in the table below.

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	2 The SMOGRA was 8.8 m^2/s^2 x 1000 and therefore within the 100 m^2/s^2 x 1000 limit
NZBC Verification Method C/VM2 Appendix A	2-S Average Smoke Production Rate was 0.8 m^2/s and therefore within the 5 m^2/s limit

Issued by:

L. F. Hersche
Fire Testing Engineer
IANZ Approved Signatory

Reviewed by:

S. Whatham
Fire Testing Engineer
BRANZ

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

Issue Date
11/06/2021

Expiry Date
11/06/2026

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