

FI13982-001-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

Metecno Pty Ltd
121 Ingram Road,
Acacia Ridge,
QLD 4110,
Australia

Date of test

26 May 2021

Reference BRANZ Test Report

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Test specimen as described by the client

MetecnoPanel, 100 mm thick, 14 kg/m² PIR cored insulated sandwich panel with 0.6/0.6 mm steel skins and interlocking slip joint edge.

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.

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 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 3.7 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	1-S Average smoke production rate was 1.2 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

19/07/2021

Expiry Date

19/07/2026

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