

BRANZ FI 6322-TT

GROUP NUMBER CLASSIFICATION



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

Delta Panels Pty Ltd
2828 Ipswich Road,
Darra
Brisbane
QLD
Australia 4076

Date of test

27th March 2018

Reference BRANZ Test Report

FI 6322-TT – issued 18th May 2018

Test specimen as described by the client

Insulated Building Panel, comprising 0.6mm steel skins with a 100mm thick PIR (polyisocyanurate) core at 38 to 42 kg/m³ density.

Group Number Classification in accordance with NCC Australia

Calculations were carried out as per AS 5637.1:2015. The Group Number Classification 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 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 not more than the 100 m ² /s ² x 1000 limit
NZBC Verification Method C/VM2 Appendix A	1-S Smoke Production Rate not more than 5 m ² /s

Issued by

P. C. R. Collier
Senior Fire Testing Engineer
IANZ Authorised Signatory

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

Reviewed by

P. N. Whiting
Senior Fire Engineer/Fire Testing Team Leader
IANZ Authorised Signatory



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

Issue Date 18th May 2018

Expiry Date 18th May 2023

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