

FI6323-01-2-C1

GROUP CLASSIFICATION NUMBER



This is to certify that the specimen described below was tested by BRANZ in accordance with AS ISO 9705:2003 (R2016) and ISO 9705:1993 for the purpose of determining the Group Number classification as required by the Building Codes of Australia and New Zealand respectively for the control of fire spread on interior wall and ceiling linings.

Test Sponsor

Delta Panels Pty Ltd
731 Boundary Road
Richlands
Queensland 4077
Australia

Date of test

28 March 2018

Reference BRANZ Test Report

FI6323-01-2 – issued 25 May 2023

Test specimen as described by the client

The product submitted by the client for testing was identified by the client as Insulated Building Panel, comprising 0.6 mm steel skins with a 100 mm thick phenolic composite core at 30 to 32 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 SMOGRARC 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 (2016) for Group Number Classification as specified in the NCC Volume One Specification C1.10 (2019) / S7C4 (2022).

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	Classification
NCC 2019 Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	Group 1 The SMOGRA was less than the 100 m ² /s ² x 1000 limit
NCC 2022 Volume One Specification S7C4 determined in accordance with AS 5637.1:2015	
NZBC Verification Method C/VM2 Appendix A	Group Number 1-S Average smoke production rate was less than the 5 m ² /s limit

Issued by


J. J. Ham
Fire Team Logistics Coordinator
BRANZ

Reviewed and Authorised by


L. F. Hersche
Fire Testing Engineer
BRANZ

Regulatory authorities are advised to examine test report FI6323-01-2 before approving any product.



Issue Date
25 May 2023

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