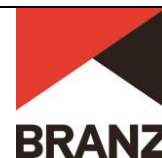


# BRANZ FI 6323-TT

## 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

28<sup>th</sup> March 2018

### Reference BRANZ Test Report

FI 6323-TT – issued 18<sup>th</sup> May 2018

### Test specimen as described by the client

Insulated Building Panel, comprising 0.6mm steel skins with a 100mm thick phenolic composite core at 30 to 32 kg/m<sup>3</sup> density.

### Group Number Classification in accordance with NCC Australia

Calculations were carried out as per AS 5637.1:2015. The Group Number Classification SMOGRA<sub>RC</sub> 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 <sup>2</sup> /s <sup>2</sup> x 1000 limit
NZBC Verification Method C/VM2 Appendix A	1-S Smoke Production Rate not more than 5 m <sup>2</sup> /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** 18<sup>th</sup> May 2018

**Expiry Date** 18<sup>th</sup> May 2023

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