

# FI11441-001

## GROUP CLASSIFICATION NUMBER



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 (R2016) and Group Number Classification and Smoke Production Rate in accordance with ISO 9705:1993.

### Test Sponsor

Pirmax Pty Ltd  
9/170 Boundary Rd  
Braeside, 3195  
Victoria  
Australia

### Date of test

11 March 2020

### Reference BRANZ Test Report

FI11441-001 – issued 22/04/2020

### Test specimen as described by the client

The product submitted by the client for testing was identified by the client as Pirmax ISO<sup>2</sup> with nominal thickness 40 mm, and density 34 kg/m<sup>3</sup>.

### Group Number Classification in accordance with NCC Australia

Calculations were carried out as per AS 5637.1:2015. The Group Number Classification and SMOGRA<sub>RC</sub> for the sample as described above is given in the table below.

### Determination of Fire Hazard Properties

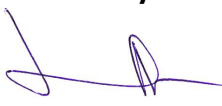
The specimen was deemed suitable for testing in accordance with AS 5637.1:2015 and testing was performed in accordance with AS ISO 9705:2003 (R2016) for the purposes of Group Number Classification as specified in the NCC Volume One Specification C1.10 Clause 4.

### Group Number Classification in accordance with the New Zealand Building Code

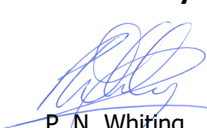
Calculations were carried out according to NZBC Verification Method C/VM2 Appendix A. The classification for the sample as described above is given in the table below.

Building Code Document	Group Number Classification
NCC Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	2 The SMOGRA was 15.8 m <sup>2</sup> /s <sup>2</sup> x 1000 and therefore within the 100 m <sup>2</sup> /s <sup>2</sup> x 1000 limit
NZBC Verification Method C/VM2 Appendix A	2-S Average Smoke Production Rate was 1.1 m <sup>2</sup> /s and therefore within the 5 m <sup>2</sup> /s limit

### Issued by

  
L. F. Hersche  
Fire Testing Engineer  
BRANZ

### Reviewed by

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

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



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

### Issue Date

22/04/2020

### Expiry Date

22/04/2025