

# FI 5547 Issue 2

## GROUP CLASSIFICATION NUMBER



This is to certify that the specimen described below was tested by BRANZ in accordance with AS ISO 9705 and ISO 9705 for determination of Group Number Classification and SMOGRA in accordance with AS 5637.1- 2015 and Group Number Classification and Smoke Production Rate in accordance with NZBC Verification Method C/VM2 Appendix A.

### Test Sponsor

Holyoake Industries Ltd  
67-69 Greenmount Drive  
Manukau 2163  
Auckland  
New Zealand

### Date of test

4 June 2014

### Reference BRANZ Test Report

FI 5547 Issue 2 – issued 8 November 2019

### Test specimen as described by the client

The product submitted by the client for testing was identified by the client as Premi-Aire pre-insulated duct panel and is described as a 20 mm thick rigid phenolic foam lined both sides with 75  $\mu$ m aluminium foil panel.

### 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

The specimen was tested in accordance with IOS 9705:1993 and 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
NZBC Verification Method C/VM2 Appendix A	1-S Average Smoke Production Rate was 0.6 m <sup>2</sup> /s and therefore within the 5 m <sup>2</sup> /s limit

### Issued by

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

### 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

8 November 2019

### Expiry Date

8 November 2024