

# FI 5541-002-02

## GROUP CLASSIFICATION NUMBER

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

### Test Sponsor

Viking Group Ltd  
80 Alexander Crescent  
Otara  
Manukau 2023  
New Zealand

### Date of test

28 May 2014

### Reference BRANZ Test Report

FI 5541-001-02 – issued 24 August 2020

### Test specimen as described by the client

The product submitted by the client for testing was identified by the client as an insulated roof installation. The product consisted of 75 mm thick polyisocyanurate (PIR) foam sheets adhered with two-part polyurethane foam to the top face of profiled 0.55 mm BMT Zincalume steel sheets.

### 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
NZBC Verification Method C/VM2 Appendix A	1-S Average Smoke Production Rate was 1.9 m <sup>2</sup> /s and therefore within the 5 m <sup>2</sup> /s limit

### Issued by



L. F. Hersche  
Fire Testing Engineer  
IANZ Approved Signatory

### Reviewed by



E. Soja  
Senior Fire Safety Engineer  
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

24 August 2020

### Expiry Date

24 August 2025