

FI 5788C ISSUE 2

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

Test Sponsor

Rooflogic Limited
39 Hautonga Street
Petone
Lower Hutt 5012

Date of test

17 September 2015

Reference BRANZ Test Report

FI 5788 Issue 2 – issued 9 October 2020

Test specimen as described by the client


The product submitted by the client for testing was identified by the client as Rooflogic PIR Board steel covered ceiling system. The product was installed with two layers of Rooflogic PIR Board with a total nominal thickness of 80 mm and 3.4 kg/m² weight. Then covered on the underside with trapezoidal profile zincalume coated steel sheeting.

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 2.2 m ² /s ² x 1000 and therefore within the 100 m ² /s ² x 1000 limit
NZBC Verification Method C/VM2 Appendix A	1-S Average Smoke Production Rate was 0.7 m ² /s and therefore within the 5 m ² /s limit

Issued by


L. F. Hersche
Fire Testing Engineer
BRANZ

Issue Date

9 October 2020

Reviewed by


E. Soja
Senior Fire Safety Engineer
IANZ Approved Signatory

Expiry Date

9 October 2025

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