

# FH11649-001

## GROUP NUMBER CLASSIFICATION



This is to certify that the specimens described below were tested by BRANZ for determination of Group Number Classification and Average Specific Extinction Area in accordance with ISO 5660 Parts 1 and 2, and AS 5637.1.

### Test Sponsor

Wittur Holding GmbH  
Rohrbachstraße 26-30  
85259 Wiedenzhausen  
Germany

### Date of tests

25 June and 3 July 2019

### Reference BRANZ Test Report

FH11649-001 – 16 August 2019

### Test specimens as described by the client

Decorative high-pressure, and sheet steel laminates in a range of colours and patterns.

Specimen Reference	Mean Mass (g)	Mean Thickness (mm)	Mean Apparent Density (kg/m <sup>3</sup> )	Colour	Backing
FH11649-1, 3, 4-50-1	103.1	7.1	1445	Various	High-pressure laminate
FH11649-5, 6, 8-50-1	181.6	7.5	2422	Various	sheet steel laminate

All specimen tested loose laid on 6 mm fibre cement substrates

### 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.

### Group Number Classification in accordance with NCC Australia


Calculations were carried out according to AS 5637.1:2015. The Group Number Classification and Average Smoke Extinction Area 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 ISO 5660 for the purposes of Group Number Classification as specified in the NCC Volume One Specification C1.10 Clause 4.

Building Code Document	Group Number Classification
NZBC Verification Method C/VM2 Appendix A	1-S
NCC Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	1 The average specific extinction area was <b>less</b> than the 250 m <sup>2</sup> /kg limit

### Issued by

  
L. F. Hersche  
Fire Testing Engineer  
BRANZ

### Issue Date

16 August 2019

### Reviewed by

  
E. Soja  
Senior Fire Safety Engineer  
IANZ Approved Signatory

### Expiry Date

16 August 2024

*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