

FH6314-TT [2018]

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.

Test Sponsor

Gurit Asia Pacific Ltd
11 John Glenn Avenue
Rosedale 0632
Auckland

Date of tests

7 December 2017 and 8 March 2018

Reference BRANZ Test Report

FH6314-TT [2018] – 11 April 2018

Test specimens as described by the client

Ampreg 21 FR E-glass Laminate

A nominally 5 mm thick, hand laminated, vacuum consolidated, epoxy resin with a 4 x 1200 g/m² E-glass Quadriaxial fabric.

Specimen Reference	Mass (g)	Thickness (mm)	Apparent Density (kg/m ³)	Colour
FH6314-1	82.7	4.9	1676	Light Green

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
NCC Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	1 The average specific extinction area was more than the 250 m ² /kg limit

Issued by

Lukas Hersche
Fire Testing Engineer

Reviewed by

P. C. R. Collier
Senior Fire Testing 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

11 April 2018

Expiry Date

11 April 2023