

FH14194-01-1-C1

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

Alsynite One NZ Ltd
7 De Leeuw Place
Te Rapa
Hamilton 3200
New Zealand

Date of tests

24 June and 30 September 2021

Reference BRANZ Test Report

FH14194-01-1 – issued 18 February 2022

Test specimens as described by the client

Topglass GC FR50 – Fire Retardant GRP

Nominally 2 mm thick fibreglass reinforced polyester resin.

Specimen Reference	Mass (g)	Thickness (mm)	Apparent Density (kg/m ³)	Colour
FH14194-1-50-1	121.4	8.2	1480	Grey
FH14194-1-50-2	105.9	8.1	1307	Grey
FH14194-1-50-3	104.4	8.0	1305	Grey

* - Figures include nominally 6 mm thick fibre cement substrate

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	3

Issued by

J. Stallinger
Associate Fire Testing Engineer
BRANZ

Reviewed by

L. F. Hersche
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
18 February 2022

Expiry Date
18 February 2027