

FH16623-01-1-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

New Zealand Steel Limited
131 Mission Bush Road
Glenbrook, 2681
New Zealand

Date of tests

4th October 2022

Reference BRANZ Test Report

FH16623-01-1 – issued 8 November 2022

Test specimens as described by the client

New Zealand Steel Galvsteel

Galvsteel is a mild steel (0.8 mm BMT) with a coating of zinc.

Specimen ID	Mass* (g)	Thickness* (mm)	Apparent Density* (kg/m ³)	Colour
FH16623-1-50-1, 2, 3	144.7	7.0	2067	Silver


*mean value across replicate specimen, includes 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	1-S

Issued by


L. Q. Greive
Associate Fire Testing
Engineer
BRANZ

Reviewed by


L. F. Hersche
Fire Testing Engineer
BRANZ

Regulatory authorities are advised to examine test reports before approving any product.



Issue Date

8 November 2022

Expiry Date

8 November 2027

All tests and procedures reported herein, unless indicated, have been performed in accordance with the laboratory's scope of accreditation