

FH14587-01-1-C1

GROUP NUMBER CLASSIFICATION



This is to certify that the specimens described below were tested by BRANZ in accordance with ISO 5660 Parts 1 and 2, and AS 5637.1.

Test Sponsor

CSR Limited
376 Victoria Street,
Wetherill Park, 2164, Australia

Date of tests

3 and 17 March 2022

Reference BRANZ Test Report

FH14587-01-1 – 18 May 2022

Test specimens as described by the client:

Barestone compressed fibre cement cladding Original (FH14587-1-50-1/2/3) and Graphite (FH14587-2-50-1) colours, with proprietary clear sealer to front and back faces, and **Expresspanel** (FH14587-3-50-1) compressed fibre cement, with clear sealer applied to rear face, and acrylic primer with two coats of white exterior acrylic applied to the front face.

Specimen name/ID	Mass (g)	Thickness (mm)	Apparent Density (kg/m ³)	Colour
Barestone Original	165.3	9.5	1740	Grey
Barestone Graphite	156.7	9.1	1722	Black
Expresspanel	170.0	9.7	1753	White

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.

Group Number Classification in accordance with the NZBC and NCC Australia

Calculations were carried out according to NZBC Verification Method C/VM2 Appendix A and AS 5637.1. 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
NCC Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	1 The average specific extinction area was less than the 250 m ² /kg limit

Issued by


L. F. Hersche
Fire Testing Engineer
IANZ Approved Signatory

Reviewed by


E. Soja
Senior Fire Safety Engineer
IANZ Approved Signatory



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

Issue Date

18 May 2022

Expiry Date

18 May 2027