

FH14587-04-1-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

28 and 29 April 2022

Reference BRANZ Test Report

FH14587-04-1 – 15 June 2022

Test specimens as described by the client:

Barestone Ash, Barestone Lunar, Barestone Graphite

Nominally 9 mm compressed fibre cement cladding in Ash (FH14587-4-50-1), Lunar (FH14587-5-50-1) and Graphite (FH14587-6-50-1,2,3) colours with proprietary sealer to front and back faces.

Specimen name/ID	Mass (g)	Thickness (mm)	Apparent Density (kg/m ³)	Colour
Ash	159.9	9.2	1748	Grey
Lunar	159.9	9.5	1683	Grey
Graphite	157.6 *	9.3 *	1700 *	Grey

* - mean values

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


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
15 June 2022

Expiry Date
15 June 2027