FH06226-001
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

TLC Modular Construction JSC
2 Thi Sach Street,
District 1,
Ho Chi Minh City,
Vietnam

Date of tests

23 February, 27 February and 26 March 2018

Reference BRANZ Test Report

FH06226-001 – 10 May 2018

Test specimens as described by the client

TLC Shera – 6 mm to 18 mm thick, compressed fibre-cement board comprised of Portland cement, silica, water, and wood pulp.

Specimen ID	Mass (g)	Thickness (mm)	Apparent Density (kg/m³)	Colour
FH6226-1	81.2*	5.9*	1368*	Grey
FH6226-5	251.4	18.5	1359	Grey

Note: *mean value for all replicate samples

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-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 m2/kg limit

Issued by

Lukas Hersche
Fire Testing Engineer
BRANZ

Reviewed by

Peter 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
10 May 2018

Expiry Date
10 May 2023