FH 5119-TT ISSUE 2 [2017]
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

Juken New Zealand Limited
Triboard Mill
Whangatane Drive
Kaitaia 0481
New Zealand

Date of tests

27, 28 March 2013, 3 April 2013 and 22 November 2017

Reference BRANZ Test Report

FH 5119-TT Issue 2 [2017] issued 5 December 2017

Test specimen as described by the client

Triboard and Strandboard

Nominally 10 mm, 15 mm (standard and high density), 36 mm and 38 mm Triboard, 9 mm 12 mm and 20 mm Strandboard.

Specimen Reference	Mean parameters			Colour
	Min/Max Mass (kg/m^2)	Min/Max Thickness (mm)	Min/Max Apparent Density (kg/m^3)	
Triboard	6.00 - 27.25	10 - 38	590 - 775	Brown
Strandboard	6.16 - 13.70	9 - 20	685	Brown

Discussion

The results from the indicative testing illustrated that the variations between the products, across a range in thickness and density did not significantly alter the performance from that achieved by the full set of three replicate tests on the specimens detailed above.

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.

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

Building Code Document	Group Number Classification
NZBC Verification Method C/VM2 Appendix A	3
NCC Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	3 The average specific extinction area was **less** than the 250 m2/kg limit

Issued by

S. Whatham
Fire Testing Engineer

Reviewed by

P. C. R. Collier
Senior Fire Testing 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
5 December 2017

Expiry Date
5 December 2022