



FH6180-TT

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

Donovan Group NZ Ltd
7 Fraser Street
Whangarei 0110
New Zealand

Date of tests

26th May and 26th June 2017

Reference BRANZ Test Report

FH 6180-TT issued 25th July 2017

Test specimen as described by the client

Modnboard, a chloride free MgO board made from magnesium oxide, magnesium sulphate, wood fibre, perlite and glass cloth.

Specimens reference	Mean values for all test specimens			Colour
	Mass (g)	Thickness (mm)	Apparent density (kg/m ³)	
FH6089-1-50-1, 3, 4	123	12.8	960	White

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 m ² /kg limit

Issued by

L. F. Hersche,
Fire Testing Technician

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

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

25th July 2017

Expiry Date

25th July 2022