FH 6064-TT [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

TimTechChem International Limited
Level One, 78 Queens Road
Panmure
Auckland 1072
New Zealand

Date of tests

1 and 8 March, 18 July, 31 August, and 6 September 2017

Reference BRANZ Test Report

FH 6064-TT [2017] – issued 15 September 2017

Test specimens as described by the client

Firecoat – 1S

A pressure impregnated, pale white treatment into nominally 20 mm solid radiata pine timber. Samples were treated individually through full bethel pressure process pumping to refusal at nominally 600 l/m^3.

Mean physical parameters for all test specimens

Specimen ID	Mass (g)	Thickness (mm)	Apparent Density (kg/m^3)	Colour of treatment
FH6064-3 & FH6064-4	106.1	19.8	536	Pale 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.

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	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

L. F. Hersche
Fire Testing Engineer

Reviewed by

P. C. R. Collier
Senior Fire Testing Engineer
IANZ Approved Signatory

Issue Date
15 September 2017

Expiry Date
15 September 2022

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