FH5334-2 [2019]
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 and AS/NZS 3837:1998.

Test Sponsor

Resene Paints Limited
32-50 Vogel Street
Naenae
Lower Hutt

Date of tests

19, 20 September 2013 and 13 February 2019

Reference BRANZ Test Report

FH 5334-2 – issued 12 March 2019

Test specimens as described by the client

The product submitted by the client was identified by the client as pre-primed Metrapanel 26 mm Fireguard 470-520 dry film thickness Spacecote Lo Sheen 2 coats each at 16 sqm/L

Specimens Reference	Mean values			Colour
	Mass (g)	Thickness (mm)	Apparent Density (kg/m³)	
FH5334-50-1, 2, 3	174.4	25.9	673	White
FH11071-1-50-1	176.8	26.1	677	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 AS/NZS 3837 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

L. F. Hersche
Fire Testing Engineer
BRANZ

Issue Date
12 March 2019

Reviewed by

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

Expiry Date
12 March 2024

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