

# FH13039-001-C1 ISSUE 1

## 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

Carter Holt Harvey Plywood Limited  
Level 1, 173 Captain Springs Rd  
Onehunga  
Auckland, 1061  
New Zealand

### Date of tests

28 July 2020 and 28 August 2020

### Reference BRANZ Test Report

FH13039-001 Issue 1 – 15 June 2021

### Test specimens as described by the client

'Pinoli Classic Texture Pre-Primed' and 'Pinoli U Groove Texture Pre-Primed'. Both samples are nominally 12 mm radiata pine plywood wall covering, with a polyester powder coat, finished with two coats of acrylic paint.

Specimen ID	Mass (g)	Thickness (mm)	Apparent Density (kg/m <sup>3</sup> )	Variant
FH13039-G-50-1	62.9	11.8	533	Pinoli Classic Texture
FH13039-G-50-2	61.4	12	512	Pinoli Classic Texture
FH13039-G-50-3	64.9	12	541	Pinoli Classic Texture
FH13039-K-50-1	59.3	12	494	Pinoli U Groove Texture

### 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 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.

### Discussion

Indicative testing was carried out on Pinoli U Groove Texture Pre-Primed, as it represented greater surface area than Pinoli U Groove Smooth Pre-Primed, Pinoli V Groove Texture Pre-Primed, Pinoli V Groove Smooth Pre-Primed and Pinoli Classic Smooth Pre-Primed. No significant variance was detected, therefore the aforementioned samples are all expected to achieve the same Group Number Classification as Pinoli Classic Texture Pre-Primed, as listed below.

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

### Issued by

J. Stallinger  
Associate Fire Testing  
Engineer  
BRANZ

### Reviewed by

L. F. Hersche  
Fire Testing Engineer  
IANZ Approved Signatory

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



**Issue Date**  
15 June 2021

**Expiry Date**  
15 June 2026

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