FH11809-002-02
GROUP NUMBER CLASSIFICATION

BRANZ

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 AS/NZS 3837

Test Sponsor

Austral Plywoods Pty Ltd
1 Curzon Street, Tennyson,
Brisbane, QLD, 4105
Australia

Date of tests

11 May 2020, 3 June 2020 and 6 August 2020

Reference BRANZ Test Report

FH11809-001-02 – 9 September 2020

Test specimens as described by the client

FireHoop - Fire Resistant Panel

A grey coloured, 5 mm thick magnesium oxide (MgO) panel with a nominal 0.2 mm Hoop Pine print laminated to front and back faces.

Specimen ID's	Mean physical parameters			Indicative Group Number	Colour (front face)	Total surface area (%)
	Mass (g)	Thickness (mm)	Apparent Density (kg/m³)			
FH11809-3-50-1, 2, 3	65	5.3	1234	1	Hoop Pine Print	100
FH11809-4-50-1	54.6	5.2	1050	1	Hoop Pine Print	91
FH11809-5-50-1	58.1	5.4	1076	1	Hoop Pine Print	91
FH11809-6-50-1	96.2	6.8	1415	1	Black	100

Shaded row – layer or combination used to determine the group number.

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.

Perforated surfaces

No significant variations were detected in the indicative testing in the perforated FireHoop Panel pattern. The sample was designated a Group 1 classification.

Building Code Document	Group Number Classification
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

J. R. Stallinger
Associate Fire Testing Engineer
BRANZ

Reviewed by

E. Soja
Senior Fire Safety Engineer
IANZ Approved Signatory

Issue Date
9 September 2020

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

ilac-MRA ACCREDITED IANZ TESTING LABORATORY

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