

FI16364-01-1-C1

GROUP NUMBER CLASSIFICATION



This is to certify that the specimen described below was tested by BRANZ in accordance with AS ISO 9705 – 2003 and ISO 9705:1993 for determination of Group Number Classification and Smoke Growth Rate.

Test Sponsors

Austral Plywoods Pty Ltd
1 Curzon St, Tennyson
QLD, 4105
Australia

roomTmove Pty Ltd
78 Forsyth Street, O'Connor
WA, 6163
Australia

Date of test

16 November 2022

Reference BRANZ Test Report

FI16364-01-1 – issued 30
January 2023

Test specimen as described by the client

The product submitted for testing was identified by the client as **Ariaply**, a prefinished 12.5 mm thick perforated Araucaria cunninghamii plywood with black acoustic liner.

Group Number Classification in accordance with NCC Australia

Calculations were carried out as per AS 5637.1:2015. The Group Number Classification and SMOGRA_{RC} for the sample as described above is given in the table below. The specimen covered three walls and ceiling.


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.

Building Code Document	Classification
NCC 2019 Volume One Specification C1.10 Clause 4	Group Number 3 The SMOGRA _{RC} was 39 m ² /s ² x 1000 and therefore within the 100 m ² /s ² x 1000 limit
NCC 2022 Volume One Specification S7C4	
NZBC Verification Method C/VM2 Appendix A (2015)	Group Number 3

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

Issued by


L. F. Hersche
Fire Testing Engineer

Reviewed by


E. Soja
Senior Fire Safety Engineer



Issue Date
30 January 2023

Expiry Date
30 January 2028

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