

FI11427-001

GROUP CLASSIFICATION NUMBER



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

Test Sponsor

Decor Systems
6 Millennium Court
Silverwater, New South Wales 2128
Australia

Date of test

10 May 2019

Reference BRANZ Test Report

FI11427-001 – issued 21/06/2019

Test specimen as described by the client

The product submitted by the client for testing was identified by the client as:

DecorLini, a 16 mm tongue and grooved acoustic panel in strips 128 mm wide. Comprising a Smartlook laminate on FR MDF substrate and Decorsorb acoustic backing.

The weight of a sample as tested was measured as 9.8 kg/m² or 1.25 kg/m.

Group Number Classification in accordance with NCC Australia

Calculations were carried out as per AS 5637.1:2015. The Group Number Classification SMOGRA_{RC} 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 ISO 9705 – 2003 for the purposes of Group Number Classification as specified in the NCC Volume One Specification C1.10 Clause 4.

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	Group Number Classification
NCC Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	2 The SMOGRA was 2.5 m ² /s ² x 1000 and therefore within the 100 m ² /s ² x 1000 limit
NZBC Verification Method C/VM2 Appendix A	2-S Average Smoke Production Rate was 0.7 m ² /s and therefore within the 5 m ² /s limit

Issued by


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

Reviewed by


P. N. Whiting
Senior Fire Engineer/Fire
Testing Team Leader
IANZ Approved Signatory

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

Issue Date

21/06/2019

Expiry Date

21/06/2024