

FI15828-01-2-C1

GROUP NUMBER CLASSIFICATION



This is to certify that the specimen described below was tested by BRANZ in accordance with AS ISO 9705:2003 (R2016) and ISO 9705:1993

Test Sponsors

Woven Image Pty Ltd
37-39 Chard Road
Brookvale 2100
New South Wales, Australia

Date of test:

16 February 2022

Reference BRANZ Test Report:

FI15828-01-2 – issued 10/04/2024

Test specimen as described by the client:

Embossed IV

The product submitted by the client for testing was identified by the client as Embossed IV, a non-woven 100% PET (51% recycled content) embossed panel comprised of two thermally bonded laminated layers with maximum nominal thickness of 9 mm and 2,500 g/m² weight.

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 (R2016) for the purposes of group number classification as specified in the NCC Volume One Specification S7C4 (2022). This test comprised three walls and ceiling lined with the test material.

Group Number Classification in accordance with NCC Australia and New Zealand Building Code

Calculations were carried out in accordance with AS 5637.1:2015 and NZBC Verification Method C/VM2 Appendix A. The group number classification and SMOGRA_{RC} for the sample as described above is given in the table below.

Building Code Document	Group Number Classification
NZBC Verification Method C/VM2 Appendix A	1-S The average smoke production rate was 1.9 m ² /s and therefore within the 5.0 m ² /s limit
NCC Volume One Specification S7C4 (2022) determined in accordance with AS 5637.1:2015	1 The SMOGRA _{RC} was 5.9 m ² /s ² x 1000 and therefore within the 100 m ² /s ² x 1000 limit

Issued by

L. F. Hersche
Fire Testing Engineer
IANZ Approved Signatory

Reviewed by

S. Whatham
Fire Testing Engineer
BRANZ



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

Issue Date

10/04/2024

Expiry Date

13/04/2027

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