

FI15828-02-2-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:

25 March 2022

Reference BRANZ Test Report:

FI15828-02-2 – issued 8/05/2024

Test specimen as described by the client:

Fuji 3D Formed Tile

The product submitted by the client for testing was identified by the client as Fuji 3D Formed Tile. A cream/white coloured polyester tile comprised of a 3 mm thick non-woven 100% PET (70% recycled) core with 1.3 mm thick Mura 100% PET (60% recycled) layer to front and back faces. Maximum total thickness 6 mm and nominal weight 1,740 gsm.

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 2022 Volume One Specification 7 Clause S7C4. 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	2-S The average smoke production rate was 0.2 m ² /s and therefore within the 5.0 m ² /s limit
NCC 2022 Volume One Specification 7 Clause S7C4 determined in accordance with AS 5637.1	2 The SMOGRA _{RC} was 1.6 m ² /s ² x 1000 and therefore within the 100 m ² /s ² x 1000 limit

Issued by


L. Q. Greive
Fire Testing Engineer
BRANZ

Reviewed by


L. F. Hersche
Fire Testing Engineer
IANZ Approved Signatory



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

Issue Date

8/05/2024

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