FI12482-01-2 -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 for determination of Group Number Classification and SMOGRA in accordance with AS 5637.1- 2015 and Group Number Classification and Smoke Production Rate in accordance with NZBC Verification Method C/VM2 Appendix A.

Test Sponsor

Woven Image Pty Ltd
37-39 Chard Road
Brookvale 2100
NSW
Australia

Date of test

4 June 2014

Reference BRANZ Test Report

FI12482-01-2 – issued 8 May 2024

Test specimen as described by the client

The product submitted by the client for testing has been renamed by the client as AIRE 25 mm and is described as a 100% polyester fibre adhered to a fibre cement Wallboard with FR spray adhesive.

The polyester fibre has a nominal thickness of 25 mm and the wallboard has a nominal thickness of 6 mm a total nominal thickness of 31 mm.

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.

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. The test comprised three walls and the ceiling lined with the test specimen.

Group Number Classification in accordance with the New Zealand Building Code

The specimen was tested in accordance with ISO 9705:1993 and 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 2022 Volume One Specification 7 Clause S7C4 determined in accordance with AS 5637.1	1 The SMOGRA was 0.9 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	1-S Average Smoke Production Rate was 1.1 m^2/s and therefore within the 5 m^2/s limit

Issued by

L. Q. Greive
Fire Testing Engineer
IANZ Approved Signatory

Reviewed and authorised by

L. F. Hersche
Fire Testing Engineer
IANZ Approved Signatory

Issue Date
8/05/2024

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