

FI 6025-01-3-C1

GROUP CLASSIFICATION NUMBER



This is to certify that the specimen described below was tested by BRANZ in accordance with AS ISO 9705:2003 (R2016) and ISO 9705 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
CSR Martini Pty Ltd
4 Macdonald Road
Ingleburn
NSW 2565
Australia

Date of test
31st October 2016

Reference BRANZ Test Report
FI 6025-01-3 – issued 4 September 2024

Test specimen as described by the client

The product submitted by the client for testing was identified by the client as Martini dECO Flex 12mm & Woven Image EchoFlex 12mm, and is described as a non-woven needle punched polyester fabric laminated to a non-woven needle punched polyester base.

The polyester fibre has a nominal thickness of 10-12 mm and was adhered to the fibre cement sheet with a nominal thickness of 6 mm with spray adhesive making a total nominal thickness of 19 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 Volume One Specification 7, Clause S7C4.

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 Volume One Specification 7 Clause S7C4 determined in accordance with AS 5637.1	1 The SMOGRA was $1.5 \text{ m}^2/\text{s}^2 \times 1000$ and therefore within the $100 \text{ m}^2/\text{s}^2 \times 1000$ limit
NZBC Verification Method C/VM2 Appendix A	1-S Average Smoke Production Rate was $1.0 \text{ m}^2/\text{s}$ and therefore within the $5 \text{ m}^2/\text{s}$ limit

Issued by


L. Q. Greive
Fire Testing Engineer
BRANZ

Reviewed and Authorised for release by


L. F. Hersche
Fire Testing Engineer
IANZ Approved Signatory

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



Issue Date

4 September 2024

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