FI18480-01-2-C1
GROUP NUMBER CLASSIFICATION

This is to certify that the specimen described below was tested by BRANZ for determination of Group Number Classification and $SMOGRA_{RC}$, in accordance with AS ISO 9705 – 2003 (R2016) and ISO 9705:1993.

Test Sponsor

Promoit PTY LTD
117 The Boulevard
Floreat, WA
Australia 6014

Date of Test

20 March 2024

Reference BRANZ Test Report

FI18480-01-2 – issued 18 April 2024

Test specimen as described by the Sponsor

MW01 MOSSwall® Panel is a nominally 40 mm thick panel comprised of preserved Reindeer moss adhered with a polyurethane adhesive to a 0.6 mm BMT (base metal thick), pre-painted steel backing. The panels had a client stated weight of 9.9 kg/m².

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 (R2016) for the purposes of classification. This test comprised three walls and the ceiling lined with the test specimen.

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	Classification
NZBC Verification Method C/VM2 Appendix A	**Group Number 1-S**
NCC Volume One Specification S7C4 (2022) determined in accordance with AS 5637.1:2015	**Group 1** The $SMOGRA_{RC}$ was 11.8 m^2/s^2 x 1000 and therefore within the 100 m^2/s^2 x 1000 limit

Issued by

L. Q. Greive
Associate Fire Testing Engineer
BRANZ

Reviewed by

L. F. Hersche
Fire Testing Engineer
BRANZ

Issue Date

18 April 2024

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