

FI14361-02-C1

GROUP NUMBER CLASSIFICATION



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

Test Sponsors

Pirmax Pty Ltd
9/170 Boundary Rd
Braeside, 3195
Victoria
Australia

Date of test:

3 February 2022

Reference BRANZ Test Report:

FI14361-02-1 – issued 20/12/2022

Test specimen as described by the client:

Pirmax ISO Chalk

A 80 mm thick panel of polyisocyanurate (PIR) thermoset foam insulation. The panels have a nominal density of 32 kg/m³ with 0.08 mm thick embossed white foil face and silver on the back.

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. 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	Group Number Classification
NZBC Verification Method C/VM2 Appendix A	3
NCC 2019 Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	3 The SMOGRA _{RC} was 22.6 m ² /s ² x 1000 and therefore within the 100 m ² /s ² x 1000 limit
NCC 2022 Volume One Specification S7C4 determined in accordance with AS 5637.1:2015	

Issued by


L. Q. Greive
Associate Fire Testing
Engineer

Reviewed by


L. F. Hersche
Fire Testing Engineer



Issue Date

20/12/2022

Expiry Date

20/12/2027

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

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