

FI16214-01-1-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 9705:1993 for determination of Group Number Classification and SMOGRA_{RC}.

Test Sponsor

Conqueror New Zealand Limited
57 West Coast Road
Yaldhurst
Christchurch, 7676
New Zealand

Date of test

22 June 2022

Reference BRANZ Test Report

FI16214-01-1 – issued 16 August 2022

Test specimen as described by the client

Conqueror 70 mm thick polyisocyanurate (PIR) foam core of nominal density 42 kg/m³ and with a nominal weight of 3.17 kg/m², sandwiched between nominally 0.43 mm thick embossed aluminium foil facings to the front and rear faces.

Group Number Classification in accordance with NCC Australia


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. Calculations were carried out as per AS 5637.1:2015 to determine Group Number Classification and SMOGRA_{RC} for the sample as described above in the table below.

Group Number Classification in accordance with the New Zealand Building Code

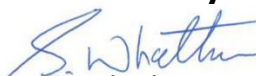
Calculations were carried out according to NZBC Verification Method C/VM2 Appendix A. The classification for the sample as described above is given in the table below.

Building Code Document	Group Number Classification
NCC Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	3 The SMOGRA was 78.8 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	3

Issued by


L. F. Hersche
Fire Testing Engineer
BRANZ

Reviewed by


S. Whatham
Fire Testing Engineer
BRANZ

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



Issue Date

16 August 2022

Expiry Date

16 August 2027

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