

FH11455-02-3-C1

GROUP NUMBER CLASSIFICATION



This is to certify that the specimens described below were tested in accordance with ISO 5660-1:2015 by BRANZ for determination of Group Number classification.

Test Sponsor

Pyrotek Pty. Ltd.
147-149 Magowar Rd
Girraween, NSW 2145
Australia

Date of tests

10 July and 6 August 2019 and 10 May 2023

Reference BRANZ Test Report

FH11455-02-3 – 13 July 2023

Test specimens as described by the client

Sorbertextile P44FR, nominally 0.5 mm thick, black coloured, non-woven plastic textile with and without an adhesive layer applied to the back surface.

Specimen ID	Mass (g)	Mean Thickness (mm)	Overall Apparent Density (kg/m ³)	Colour
FH11455-3-50-2	65.3	5.1	1280	Black
FH11455-3-50-4	89.0	6.4	1391	Black
FH11455-3-50-5	66.3	5.1	1300	Black
FH17643-1-50-1	83.7	6.3	1329	Black

Notes: Shaded row - indicative 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.

Group Number Classification in accordance with NCC Australia

Calculations were carried out according to AS 5637.1:2015. The Group Number Classification and Average Smoke Extinction Area 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 ISO 5660 for the purposes of Group Number Classification as specified in the NCC Volume One Specification C1.10 Clause 4.

Building Code Document	Group Number Classification
NZBC Verification Method C/VM2 Appendix A	1-S
NCC 2019 Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	1 The average specific extinction area was less than the 250 m ² /kg limit
NCC 2022 Volume One Specification S7C4 determined in accordance with AS 5637.1:2015	

Issued by

L. Q. Greive
Associate Fire Testing
Engineer

Issue Date

13 July 2023

Reviewed and authorised by

E. Soja
Senior Fire Safety Engineer

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



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