FI12986-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 Group Number Classification and Smoke Production Rate in accordance with ISO 9705:1993.

Test Sponsor

PIL Group Ltd
183 Great South Road
Ngaruawahia, 3720
New Zealand

Date of test

2 September 2020

Reference BRANZ Test Report

FI12986-001 – issued 15/06/2021

Test specimen as described by the client

The product originally submitted by the client for testing was described by the client as nominally 45 mm thick black coloured polyester panel with nominal weight 1,800 g/m².

Product names

PIL Group Premier Polyester Insulation ATP, and PIL Group Temper Cloud ATP

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 C1.10 Clause 4.

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.

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	1 The SMOGRA was 3.6 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	1-S Average Smoke Production Rate was 1.0 m^2/s and therefore within the 5.0 m^2/s limit

Issued by

L. F. Hersche
Fire Testing Engineer
IANZ Approved Signatory

Reviewed by

E. Soja
Senior Fire Safety Engineer
IANZ Approved Signatory

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

Issue Date
15/06/2021

Expiry Date
15/06/2026