

FI5603-C1 ISSUE 2

GROUP CLASSIFICATION NUMBER



This is to certify that the specimen described below was tested by BRANZ for determination of Group Number classification and Smoke Production Rate in accordance with ISO 9705:1993.

Test Sponsor

Alsynite One NZ Ltd
7 De Leeuw Place
Te Rapa
Hamilton 3200
New Zealand

Date of test

22 October 2014

Reference BRANZ Test Report

FI5603 Issue 2 – issued 24/03/2021

Test specimen as described by the client

The product submitted by the client for testing was identified by the client as Alsynite Industrial Polycarbonate FR [1-S] Premium grade, nominally 1.2 mm thick with peaks of 25 mm at 190 mm pitch and with a weight of approximately 1.66 kg/m².

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	1-S *

*Average Smoke Production Rate was 0.2 m²/s and therefore within the 5 m²/s limit required by the test standard.

Issued by


L. F. Hersche
Fire Testing Engineer
IANZ Approved Signatory

Reviewed by


E. Soja
Senior Fire Safety Engineer
IANZ Approved Signatory



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

Issue Date

24/03/2021

Expiry Date

24/03/2026

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