GROUP NUMBER ASSESSMENT

FI5428-01-3-C1

This is to certify that the specimen described below was tested by BRANZ in accordance with ISO 9705 (1993) & AS ISO 9705 (R2016).

Test Sponsor

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

Date of test

29 November 2013

Reference BRANZ Test Report

FI5428-01-3 – issued 3 November 2025

Test specimen as described by the sponsor

The product submitted by the client for testing was identified by the client as Alsynite Topclad GC 50 FR Plus roof sheeting.

Installation method of the test specimen

The Alysynite Topclad GC 50 FR Plus was installed against the three full walls and ceiling of the test room with the back face exposed to the room.

A supporting purlin frame at nominal 1200 mm centres was used to fix the sheets to the walls using Alsynite multipurpose fasteners, 14 g x 65 mm with 26 mm with an EPDM washer. The screws were placed on every other rib, approximately every 300 mm.

Classification in Accordance with New Zealand Building Code (NZBC)

Calculations were carried out in accordance with NZBC Verification Method C/VM2 Appendix A and Building Product Specifications (2025). The group number classification and smoke production rate for the test specimen are presented in the table below.

Building Code Document	Classification
NZBC Verification Method C/VM2 Appendix A and Building Product Specifications (2025)	**Group Number 3** Average Smoke Production Rate does not apply to Group 3 materials

Issued by

Lukas Hersche
Fire Testing Engineer

Reviewed and approved by

E. Soja
Fire Testing Engineer

Issue Date

3 November 2025