

ALSYNITE ONE CUSTOM GLAZE® ROOFING BPIR DECLARATION



Version 1.0 November 2024

DESIGNATED BUILDING PRODUCT: Class 1

DECLARATION

Alsynite One NZ Ltd (Alsynite One) has provided this declaration to satisfy the provisions of the [Building \(Building Product Information Requirements\) Regulations 2022](#).

COMPANY DETAILS

Name	Alsynite One NZ Ltd
Role	Supplier
NZBN	9429046047229
Address	7 De Leeuw Place, Te Rapa, Hamilton 3200
Website	www.alsynite.co.nz
Email	sales@alsynite.co.nz
Phone	0800 257 964

DESCRIPTION OF BUILDING PRODUCT

Custom Glaze® is a polycarbonate roof sheeting, which is trapezoidal in profile, but when installed appears as a flat sheet. Custom Glaze® is manufactured by Alsynite One's parent company [PT Impack Pratama Industri Tbk](#) (Impack).

Alsynite One offers Custom Glaze® as a DIY product. It is especially suited for use as a replacement sheeting and is installed without the need for glazing bars. It is installed where rafters are spaced at 610 mm centres, is offered in lengths up to 7.2 m and a thickness of 2 mm.

Custom Glaze® is offered in four options – clear, bronze, grey and diffused opal. For [more information](#).

Polycarbonates are a group of thermoplastic polymers. They are strong, tough, can be transparent, are resistant to Impack but not to scratching. Polycarbonate softens slowly at 147°C and will melt above 155°C. It can be bent to a greater extent than other plastic sheeting without cracking or breaking.

The range of Alsynite One polycarbonate sheeting has been tested by [BRANZ](#) and they have been shown to achieve a material group number of 1 – S.

Custom Glaze® polycarbonate sheeting is manufactured from Makrolon® resin, a brand name which was first registered in 1955 by Bayer who began commercial manufacture of polycarbonate in 1958.

Alsynite One also supplies products for use with the installation of Custom Glaze® polycarbonate sheeting,

- Polycarbonate flashings, with sheeting manufactured by Impack and then folded to shape in NZ. For [more information](#), and

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- Alsynite Laserlite® PC Fasteners. [For more information.](#)
- Alsynite Custom Glaze® Fasteners. [For more information.](#)

Impack has an active [sustainability strategy](#) that they report on annually. The company holds several certifications in respect of the quality and sustainability of their products and their manufacturing processes.

CONTRIBUTION TO BUILDING WORK CODE OBLIGATIONS

Alsynite One relies on Impack's claims and BRANZ fire testing to make the following claims.

Custom Glaze® polycarbonate sheeting complies with,

- B1 (structure) B1.3.1, B1.3.2 (a, b, j),
- B2 (durability): B2.3.1(b),
- F2 (hazardous building materials): F2.3.1.

Alsynite One provides only indicative installation information, suitable for use as a replacement to an existing structure. For a new structure, the specification and installation rests with the designer, installer and building owner. The following building code claims are therefore made on the basis that the performance characteristics of the Custom Glaze® polycarbonate sheeting product have been reflected in the project-specific specification and installation, or is used on an existing structure.

When installed, Custom Glaze® polycarbonate sheeting will or may contribute to compliance with (as applicable),

- C2 – C6 (protection from fire). Applicable performance criteria
- E2 (exterior moisture). E2.3.1, E2.3.2.

FOR FURTHER INFORMATION

The use, handling and storage of Custom Glaze® polycarbonate sheeting products must be in accordance with all information supplied by Alsynite One.

For more product specific [information](#).

RESPONSIBLE PERSON

In accordance with Regulation 8, as the responsible person I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm Custom Glaze® polycarbonate sheeting, as referred to in this statement, are not subject to a warning or ban under [s26 of the Building Act](#).

Signed for and on behalf Alsynite One NZ Ltd:

Steve Foley

Steve Foley
GENERAL MANAGER

November 2024