

ALSYNITE ONE POLYCARBONATE FLASHINGS 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
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Email	sales@alsynite.co.nz
Phone	0800 257 964

DESCRIPTION OF BUILDING PRODUCT

Alsynite One supplies a range of polycarbonate flashings. They are formed from polycarbonate sheeting manufactured by Alsynite One's parent company [PT Impack Pratama Industri Tbk](#) (Impack). The sheets are then folded into shape in NZ.

Polycarbonates are a group of thermoplastic polymers. They are strong, tough, can be transparent, are resistant to impact 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 covers barge, ridge, and apron flashings and are provided in a range of sizes. Alsynite One also supplies barge flashings specific to the Custom Glaze™ roofing profile. The flashing profiles mirror those of E2/ASI.

The polycarbonate sheeting used for these flashings has been tested by [BRANZ](#) and the material has been shown to achieve a material group number of 1 – S.

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.

Alsynite One also supplies fasteners for use with polycarbonate flashings,

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

CONTRIBUTION TO BUILDING WORK CODE OBLIGATIONS

Alsynite One relies on Impack's claims, BRANZ fire testing and E2/AS1 to make the following claims.

Alsynite One polycarbonate flashings comply 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. The specification and installation for site-specific use 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 selected polycarbonate flashing is suitable for the project-specific installation.

When installed, Alsynite One polycarbonate flashings 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 Alsynite One polycarbonate flashings 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 Alsynite One polycarbonate flashings, 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