

# ALSYNITE ONE CRYSTALITE GLAZING PANELS 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

<b>Name</b>	Alsynite One NZ Ltd
<b>Role</b>	Supplier
<b>NZBN</b>	9429046047229
<b>Address</b>	7 De Leeuw Place, Te Rapa, Hamilton 3200
<b>Website</b>	<a href="http://www.alsynite.co.nz">www.alsynite.co.nz</a>
<b>Email</b>	<a href="mailto:sales@alsynite.co.nz">sales@alsynite.co.nz</a>
<b>Phone</b>	0800 257 964

## DESCRIPTION OF BUILDING PRODUCT

Alsynite One's Crystalite glazing (Crystalite) panels are an extruded acrylic sheeting product manufactured from a polymethyl methacrylate (PMMA) synthetic polymer. It is often referred to as acrylic, or acrylic glass.

The Crystalite panels are supplied in the following dimensions (w x l x t): 620 mm (max) x 6 m (max) x 6 mm. They are offered in a clear and grey tinted option and may be installed with a minimum roof pitch of 5°.

Crystalite transmits up to 92% of visible light, and filters UV light to a similar degree as ordinary window glass. When compared to glass, it is shatterproof, stronger, less dense, lighter, and more flexible. It is therefore easier to handle.

The panels are suitable to be used with any glazing installation system that allows for a 6 mm panel thickness.

Alsynite One imports Crystalite panels from the manufacturer [EGR Group](#). EGR Group is an Australian company based in Brisbane that was formed in 1973. Its extrusion plant was commissioned in 1998 and since then it has become a global supplier of extruded products including acrylic.

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## CONTRIBUTION TO BUILDING WORK CODE OBLIGATIONS

Alsynite One relies on the manufacturer's claims to make the following claims.

Crystalite glazing panels 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 does not provide 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 Crystalite glazing panels have been reflected in the project-specific specification and installation.

When installed, Crystalite glazing panels will or *may* contribute to compliance with (as applicable),

- E2 (Exterior Moisture): E2.3.1, E2.3.2.

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## FOR FURTHER INFORMATION

The use, handling and storage of Crystalite glazing panels must be in accordance with all information supplied by Alsynite One and the information supplied by the supplier of the glazing bars and other installation related components.

For more product-specific [information](#).

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## 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 Crystalite glazing panels, as referred to in this statement, are not subject to a warning or ban under [s26 of the Building Act](#).

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**Signed for and on behalf Alsynite One NZ Ltd:**

Steve Foley

Steve Foley  
GENERAL MANAGER

November 2024