

ALSYNITE ONE TRIPLESKIN ROOFING SYSTEM 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	Manufacturer
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DESCRIPTION OF BUILDING PRODUCT

Alsynite One's TripleSkin Roofing system comprises Toglass® GC Ultra-Safe as the exterior face and a lower layer of 10 mm Laserlite Multiwall (Twinwall). The system is primarily intended for use with insulated panel products.

TripleSkin roofing combines the performance characteristics of [Toglass® GC Ultra-Safe](#) with those of [Twinwall](#).

It is manufactured in NZ by Alsynite One with the resulting product offering better thermal and acoustic performance from either component product, while matching the natural lighting capability, and UV resistance. The accumulation of condensation is eliminated in most situations.

The fire characteristics of Twinwall apply in respect of the internal spread of fire. Laserlite® polycarbonate sheeting has been tested by [BRANZ](#) and they have been shown that the material achieves a material group number of 1 – S.

Since it is manufactured in NZ, TripleSkin sheets can be custom made to match project specific requirements.

Alsynite One has been manufacturing and distributing fibreglass in NZ since 1996. It has been third party certified since 2004.

The company imports Twinwall sheets for use in NZ. They are manufactured by Alsynite One's parent company [PT Impack Pratama Industri Tbk](#) (Impack).

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 NZ LTD

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Alsynite One also supplies products for use in the installation of TripleSkin,

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

CONTRIBUTION TO BUILDING WORK CODE OBLIGATIONS

Alsynite One relies on compliance with AS 4256.3:2006 (R2018), Impack's claims and BRANZ fire testing to make the following claims.

TripleSkin 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. 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 TripleSkin sheeting has been reflected in the project-specific specification and installation.

When installed, TripleSkin 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 TripleSkin sheeting 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 TripleSkin 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