

CLASS 1

Building Product Information Sheet

Product name:

Sunclear

Product line (the product line from which the product is customised):

Sunclear

Product description and its intended use (measurements, materials, usage):

Sunclear corrugated PVC sheeting is a corrugated sheeting product. Because Sunclear corrugated PVC sheeting is clear, it allows natural light in and can be used in places where you still require daylight, such as free standing pergolas, windbreaks, and fencing.

Sunclear is available in lengths ranging from 1.8m-3.6 with widths of 610mm and 760mm.

Product identifier (if applicable):

Sunclear

Place of manufacture: Aotearoa New Zealand Overseas

Legal and trading name of the manufacturer(s):

Brett Martin Ltd

Legal and trading name of the importer (if applicable):

Ampelite NZ Ltd

Address for service:

STREET NAME 79 Captain Springs Road

SUBURB Onehunga

CITY, COUNTRY Auckland, New Zealand

POSTCODE 1061

Website:

www.ampelite.co.nz

Email address:

sales@ampelite.co.nz

Phone No. (if applicable):

0800 267 354

NZBN (if applicable):

9429038523199

Relevant Building Code clauses:

Clause B2 Durability: Performance B2.3.1

Statement on how the building product is expected to contribute to compliance:

Past history of use of Ampelite Sunclear products in New Zealand indicate that, provided the product use and maintenance is in line with the guidelines contained in the current literature referenced, Ampelite Sunclear can be expected to meet the performance criteria in clause B2 and F2 of the New Zealand Building Code.

- *options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)*
- *standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured*
- *physical properties of the building product*
- *how the building product is intended to be used.*

Limitations on the use of the building product:

When installing in high wind conditions, please refer to span data or email sales@ampelite.co.nz if the wind loads are beyond the limitations.

Sunclear is not suitable for trafficable areas, where an area is to expect foot traffic, please email sales@ampelite.co.nz for a trafficable product solution.

Design requirements that would support the use of the building product:

Where buildings require a light weight, transparent covering solution.

For light and heat transmission information, please refer to the Sunclear Brochure or visit;

https://ampelite.co.nz/SunClear_Sheeting.php

For areas needing protection from UV and heat reduction. Sunclear blocks 99.9% of harmful UV rays. For more heat transmission information, please refer to the Sunclear Brochure or visit;

https://ampelite.co.nz/SunClear_Sheeting.php

Installation requirements:

Sunclear corrugated PVC sheeting is fixed and flashed on similar principles to those of steel roofing. Before fixing sheets, apply white paint along the battens or support framing to minimise heat build-up under the sheet. Heat build-up will damage the sheet and cause it to discolour and deform.

Fix the first PVC sheet at the end farthest from the usual wind direction. If end laps are necessary, start at the bottom corner.

Allowance needs to be made when drilling screw holes so that the PVC sheet can move freely as it expands and contracts. Screw holes must have a minimum diameter of 10mm. Avoid over-tightening as this may cause the sheet to crack or split.

The standard corrugated profile is side lapped by one corrugation, but this can be increased to two ribs, depending on the degree of exposure and weatherproofing required.

Please download a copy of our sunclear Installation Guide and carefully follow its instructions.

<https://ampelite.co.nz/media/R/Sunclear-Clear-PVC-Sheeting-Installation-Guide.pdf>

Maintenance requirements:

Ampelite Natural Lighting sheets (PVC Polycarbonate and Fiberglass) require a minimum level of maintenance to guarantee their best possible performance.

This maintenance should include, but not be limited to, keeping surfaces clean and free from prolonged contact with debris and moisture. The sheets should be washed at least every 12 months with a soft brush and a mild household detergent, like dish washing liquid to prevent and remove any dirt build up.

Do not use spray-on moss and mould type cleaners, or other cleaners that are left on the surface over time to work. These types of cleaners can damage the surface coatings applied to Ampelite Natural Lighting sheeting, causing early failure.

It is important that Ampelite Natural Lighting sheets are thoroughly rinsed after cleaning to ensure no residue is left on the sheeting.

Avoid chemicals, paint, adhesives and other synthetic materials as this can also cause damage.

Washers and fasteners should be monitored regularly for signs of deterioration. This can help prevent any leak points or staining of the sheeting.

Do not wash with any high-pressure appliance, such as water blasters, as these can also damage the sheeting.



Is the building product/building product line subject to warning or ban under section 26?:

Yes No

If yes, description of the warning or ban under section 26:

Date:

20/10/2023 M | Y | Y