

enjoy the outdoors with

LASERLITE[®]
POLYCARBONATE

New Zealand's highest performing
polycarbonate roofing

Lifetime
Platinum
WARRANTY

advanced
weatherguard[™]
TECHNOLOGY

comfort
COOL[™]
TECHNOLOGY



alsynite.co.nz

LASERLITE® 1000

LASERLITE® 2000

Our Cost-effective Roofing Solution

Profiled translucent roofing product designed for weather protection and enhancement of your outdoor living area.

- Provides protection from sun, rain and wind
- Applications: use in a variety of roofing, cladding and fencing situations.
- Provides 99.9% protection from UV rays



available colours



Light Transmission %	93%	49%	38%	19%	56%
Heat Reduction % ‡	0%	52%	33%	47%	46%

SHEET LENGTHS AVAILABLE

1.8m, 2.1m, 2.4m, 2.7m, 3.0m, 3.6m, 4.2m, 4.8m, 5.4m, 6.0m, 7.2m

SHEET WIDTH

Corrugated - 840mm, Greca - 810mm, 5-Rib - 830mm

COVER WIDTH

Corrugated 755mm, Greca 760mm, 5-rib 762mm

**NB: Opal and Diffused Opal not available in 5 Rib profile.



Our Classic – Performance & Reliability

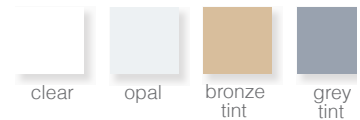
The classic, high-performance Laserlite® range

- Certified to NZ and Australian standards.
- Extend the life of the sheet by up to 50%#
- Maintain sheet colour and clarity up to 50% longer#
- Provide 99.9% protection from UV rays up to 50% longer#
- Resist 25% larger hailstones#

As compared to other profiled polycarbonate roofing products



available colours



Light Transmission %	93%	49%	38%	19%
Heat Reduction % ‡	0%	52%	33%	47%

SHEET LENGTHS AVAILABLE

1.8m, 2.1m, 2.4m, 2.7m, 3.0m, 3.6m, 4.2m, 4.8m, 5.4m, 6.0m, 7.2m

SHEET WIDTH

Corrugated - 840mm, Greca - 810mm, 5-Rib - 830mm

COVER WIDTH

Corrugated 755mm, Greca 760mm, 5-rib 762mm



ice in outdoor living area protection.
ions to suit your lifestyle.

LASERLITE[®]
3000

Our **Premium**
– **Ultimate Comfort**

Technologically advanced heat reflective range for the ultimate outdoor lifestyle experience.

- Certified to NZ and Australian standards.
- Up to 50% better heat reduction than standard profiled polycarbonate sheet[#]
- Reduced glare for ultimate comfort

[#] As compared to other profiled polycarbonate roofing products



corrugated

greca

available colours



frost

platinum*

Light Transmission %	47%	18%
Heat Reduction % [‡]	63%	69%

SHEET LENGTHS AVAILABLE

1.8m, 2.1m, 2.4m, 2.7m, 3.0m, 3.6m, 4.2m, 4.8m, 5.4m, 7.2m

SHEET WIDTH

Corrugated - 840mm, Greca - 810mm

COVER WIDTH

Corrugated 755mm, Greca 760mm

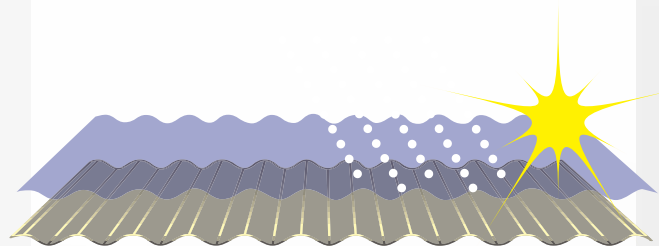
*NB: Platinum is only available in Greca profile.

[‡]Based on the warming effect of the sun's rays through a sheet vs 3mm float glass (300-2500nm)



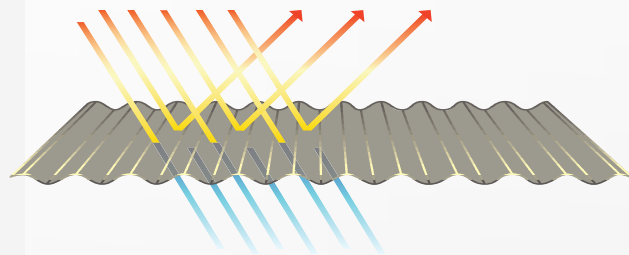
THE
TECHNOLOGY
& how it works

Advanced Weatherguard[™]



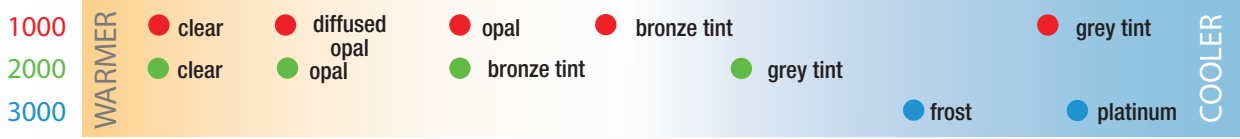
UV rays, wind, hail and rain have the potential to make polycarbonate resins brittle and lose colour over time. Advanced Weatherguard[™] protects the sheet and protects from harmful UV radiation

Comfort Cool[™]

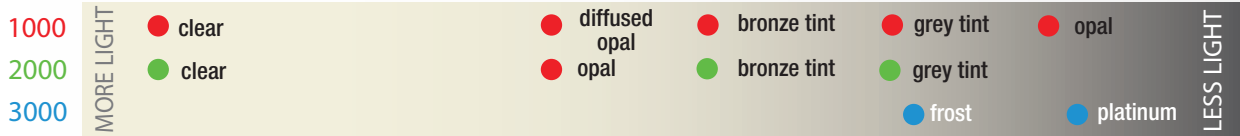


Infra red light emitted by the sun passes through polycarbonate sheet making it warm underneath. Comfort Cool[™] Technology reflects the heat away whilst letting visible light through with less glare.

Comfort level under Laserlite[®]



Light level under Laserlite[®]



Accessories

LASERLITE[®]
POLYCARBONATE FIXINGS

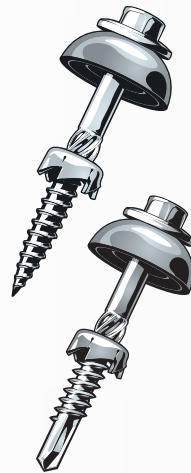
We recommend using Laserlite[®] Polycarbonate Fixings to fix your Laserlite[®] polycarbonate roofing.

Laserlite[®] Polycarbonate Fixings have a built in cutting device that will pre-drill an expansion hole while you drill in the fastener.

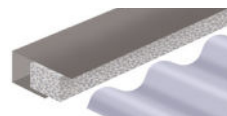
The expansion hole is very important because it allows the sheet to expand and contract when the temperature changes.

Can be used up to and including high wind zones.

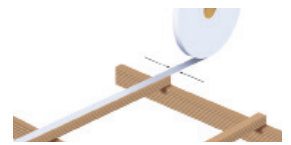
Available in metal and timber.
(please see alsynite.co.nz for installation instructions).



FOAMS AND TAPES:

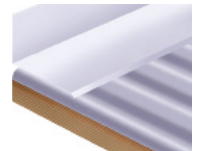
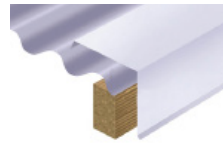


Back Channel Infill Strip



Noise Stop Tape

FLASHINGS:



- Range of Polycarbonate Flashings
- Laserlite Lap Connectors

For full range of available accessories, please visit our website alsynite.co.nz

NZBC Fire Group 1-S Rating

Laserlite[®] has been extensively tested using the full scale ISO9705 room test. This extensive testing utilises a gas burner exposing the sheeting to 100kw for 10 minutes, and then 300kw for a further 10 minutes. Laserlite[®] achieves a NZBC 1-S Rating as flashover is not reached.



Protecting the environment, Laserlite[®] is fully recyclable and no waste is created in the production process. Laserlite[®] is also heavy metal free. See website for further details.