



Professional, fast & secure Polycarbonate Fastening System

Assembled Polycarbonate fixings
now with Premium DEKS 26mm Washer

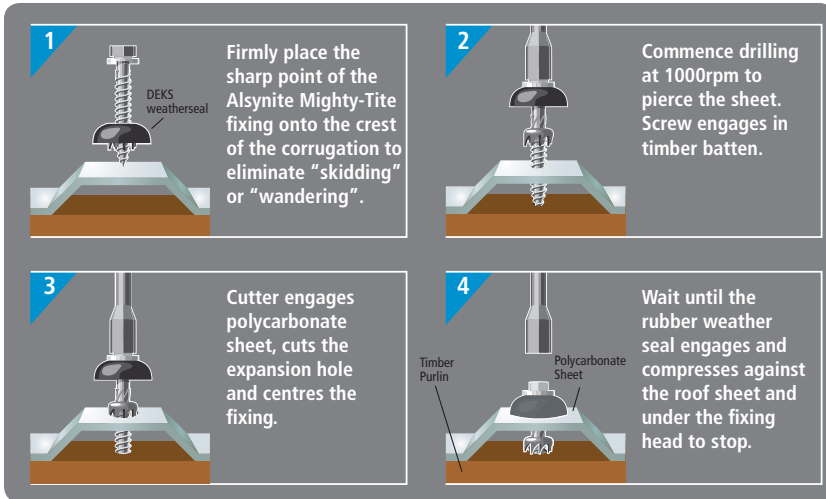
Alsynite Mighty-Tite Time Saving Fixing System saves 50% installation time as no pre-drilling is required. The Mighty Tite fastening system is recommended for installing your new Laserlite® in most situations, up to and including high wind zones. However, recommended fixing advice should be sought by contacting your nearest Alsynite office for installation in very high wind zone areas.

Easy installation

- No more pre-drilling means faster and easier installation.
- No extra expense of specialist tools.
- No extra effort changing tools.

Professional Finish

Alsynite Mighty-Tite Fasteners cut an expansion hole in the sheet that ensures your polycarbonate roofing is installed correctly, allowing for thermal expansion and contraction in all conditions.



Installation of Polycarbonate Roofing with Alsynite Mighty-Tite fixings

NOTE: For installation of roofs over 3m in height or for cyclonic regions, contact your nearest Alsynite office for special instructions. Refer to installation guidelines available at www.alsynite.co.nz

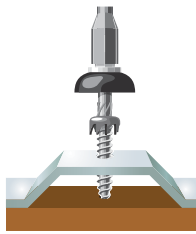
CAUTION: Always exercise extreme care when working on a roof. Use walking boards along purlins or battens. Never walk directly on the sheeting. Always wear safety glasses or goggles when operating cutting tools or drills.



SAVE 50%

INSTALLATION TIME

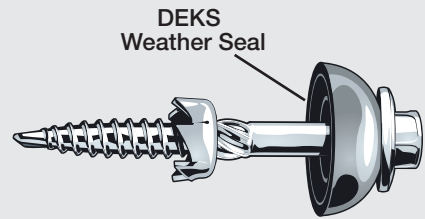
Superdrive Tip drills through
timber battens and steel purlins
in one easy step.



**Suitable for installation
in high wind zones**

**One step, one tool.
Easy installation with
a professional finish.**

Mighty-Tite Fixing



Length	Corrugate	Greca	Pack Sizes
55mm	•	•	50 PACK
55mm	•	•	250 TUB
55mm	•	•	1000 BOX

Specifications

- Coated to AS3566 Class 4
- 12 gauge
- 55mm
- 26mm DEKS EPDM washer
- Superdrive® self drilling tip
- Drills through timber and steel up to 1.9mm thick
- Hex head
- Cuts an 11mm expansion hole
- Suitable for use at a drill speed of 1000 RPM

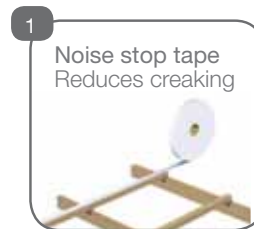
For very high wind zones contact Alsynite for
specific installation fastening recommendations.

LASERLITE®

the complete solution
for a professional finish



Easy to install, Alsynite have an extensive range of quality accessories available to make your installation complete and ensure a professional finish. Refer to the Laserlite installation guide prior to installation available from www.alsynite.co.nz or an Alsynite office and ensure safety recommendations are followed at all times.



When installed against a wall



The Mighty Tite fastening system is recommended for installing your new Laserlite® in most situations, up to and including high wind zones.

*specific installation instructions apply. See website for details.



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LASERLITE®
NEW ZEALAND



New Zealand's highest performing
polycarbonate roofing



*Refer to full warranty terms & conditions at www.alsynite.co.nz or from an Alsynite NZ office

*benefit only with Laserlite® 3000



LASERLITE® The first choice in outdoor living area enhancement and protection

All Laserlite® polycarbonate roof sheeting is manufactured using 100% Bayer Makrolon® resin and is distributed throughout New Zealand by Alsynite. Laserlite® is manufactured to the strict Australasian quality standard requirements of AS 4256.5 2006 and is regularly assessed and certified by external testing body SAI Global.

Designed specifically for our harsh conditions

It is a well known fact here in New Zealand we experience above what is considered normal UV exposure. Peak UV radiation levels are around 40% higher than those experienced at similar latitudes in North America. Laserlite® is engineered and built using only 100% Bayer Makrolon Resin ensuring the following benefits:

- 99.9% protection from these harmful UV rays
- Features Advanced Weatherguard™ and Comfort Cool™ technology
- Suitable for installation in high and very high wind zone areas.
- Manufactured using 100% Bayer Makrolon® resin

Protecting the environment, Laserlite® is fully recyclable and no waste is created in the production process. Laserlite® is also heavy metal free†

^ Refer to full warranty terms & conditions available from www.alsynite.co.nz
Refer to high wind installation instructions available from www.alsynite.co.nz
† See website for further details.



www.alsynite.co.nz



*Laserlite is manufactured from Makrolon® resin.

Easy step by step guide to selecting the most appropriate Laserlite® profiled polycarbonate sheet product

1. SELECT PRODUCT



Performance & Reliability

The classic, high-performance Laserlite® range

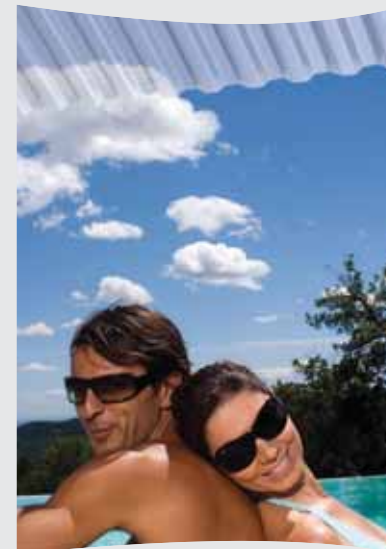
- Lifetime Platinum Warranty*
- Certified to Australasian Standards



Ultimate Comfort with Comfort Cool™ Technology

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

- Lifetime Platinum Warranty*
- Certified to Australasian Standards



Reduces the sun's warming effect by up to approx. 70%†



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

2. SELECT COLOUR

	clear	bronze tint	grey tint
Light Transmission %	93%	38%	19%
Heat Reduction % ‡	0%	33%	47%

Comfort level under Laserlite®

2000+ clear bronze tint grey tint

Light level under Laserlite®

2000+ clear bronze tint grey tint

	ice	platinum	gun metal
Light Transmission %	47%	18%	16%
Heat Reduction % ‡	63%	69%	66%

COOLER

LESS LIGHT

3. SELECT PROFILE



4. SELECT LENGTH

Laserlite® 2000+ and Laserlite® 3000 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

only **LASERLITE®** has the technology

Laserlite® is the only profiled sheeting product that features **Advanced Weatherguard™** technology, a special protective material that is warranted to:

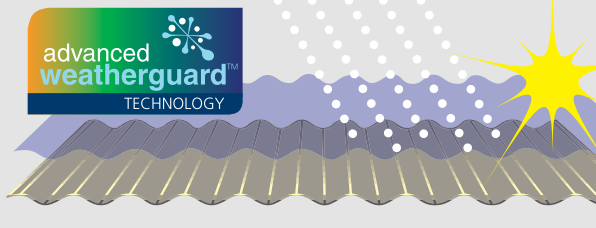
- Extend the life of the sheet by up to 50%#
- Maintain sheet colour and clarity up to 50% longer#
- Provide 99.9% protection from UV rays up to 50% longer#
- Resist 25% larger hailstones#

With unrivalled technology and superior performance, it's clear why Laserlite® is part of New Zealand's outdoor lifestyle.

As compared to other profiled polycarbonate roofing products such as Astrolite®

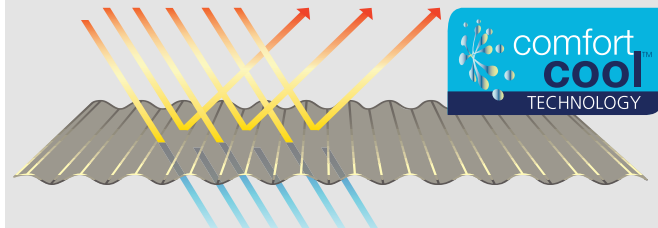
HOW IT WORKS

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



HOW IT WORKS

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.



Benefits of all Laserlite® sheeting products



Additional benefits of Laserlite® 3000

