LASERVUE

ARCHITECTURAL GLAZING SYSTEM

LIFETIME WARRANTY
15 YEAR LIGHT TRANSMISSION
15 YEAR WEATHER BREAKAGE

PREMIUM FLAT GLASS-LIKE ROOFING SOLUTION

Enhance your outdoor entertainment area with a modern, stylish touch by adding LASERVUE. These extruded acrylic glazing panels are lightweight and less than half the density of glass, while offering excellent impact strength and shatter resistance. When paired with our aluminium glazing system, LASERVUE creates a sleek, elegant, glass-like roofing solution that combines beauty with durability.

PROFILES AVAILABLE

Flat

SHEET GAUGE	6mm
SHEET WIDTH	620mm
SHEET LENGTHS	3m, 4m, 5m & 6m

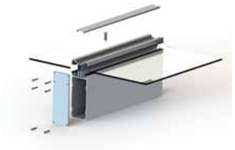
Product dimensions are nominal and may vary within normal manufacturing tolerances.

Glazing Bar

COLOUR OPTIONS

	Clear	Diffused Opal	Grey Tint
LIGHT TRANSMISSION	93%	75%	30%
HEAT REDUCTION	0%	58%	45%

Glazing Box



THE GLAZING SYSTEM

Our aluminium glazing system is designed to securely hold LaserVue panels while ensuring a clean and seamless finish. It is lightweight yet robust and simple to install, saving time when installing a premium and high quality roofing solution. Available in both glazing bar or glazing box system.

KEY BENEFITS

- Glass-like roofing solution
- Complete system & less structural support compared to glass
- High UV protection
- Lightweight yet durable
- Easy to install
- Available up to 6m

LASERLITE®

PROFILED ACCESSORIES

POLYCARBONATE FIXINGS

We recommend using LASERLITE® Single Shot fixings to fix your LASERLITE® Polycarbonate profiled roofing sheets. These fixings have a built in cutting device that will pre-drill an expansion hole as the sheet is secured, allowing for correct thermal movement. Please note we recommend 14g x 65mm Weatherlock fixings for LASERGLAZE.

FIXING LENGTH FOR TIMBER	50mm & 65mm
FIXING LENGTH FOR METAL	60mm
FIXING PACK SIZES	50, 250 & 1000

Timber Structures

Metal Structures

FOAM INFILLS & TAPES

Foam infill strips help prevent rain, dust and wind from entering through the eaves. These are profile matched to ensure an effective seal. Back foam infill strips are also available for roofing installations where the sheets are fitted against a wall.
Our Noise Stop Tape is available to help reduce creaking noises caused by the expansion and contraction of Polycarbonate sheets.

Back Infill & Metal Back Channel

Noise Stop Tape

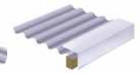
EAVE INFILL - WHITE	Corrugated .975mm | Greca & 5 Rib Narrow .76mm | 5 Rib Wide .95mm
BACK INFILL - BLACK	38mm x 20mm x 3.6m Length
NOISE STOP TAPE - WHITE	24mm & 45mm x 3mm x 25m Roll

Eave Infill

POLYCARBONATE & METAL FLASHINGS

Our flashings create a weatherproof seal at roof junctions and transitions, helping prevent water ingress while allowing for thermal movement. They are lightweight, UV-resistant and provide a clean and durable finish.
Selected flashings compatible with LASERGLAZE.

Apron



Barge

APRON FLASHINGS	90° - 110 x 130 x 10mm & 60 x 70 x 20mm
RIDGE FLASHINGS	25° - 110mm | 45° - 110mm | 120° - 115 x10mm
BARGE FLASHINGS	90° - 70 x 60 x 20mm & 90 x 130 x 20mm
METAL BACK CHANNEL	Corrugated/Greca: 45 x 20 x 20mm | 5 Rib: 45 x 35 x 35mm
FLASHING LENGTHS	Polycarbonate (Clear): 3m & 6m | Metal (Grey & Titania): 3.6m

Ridge

HANDLING, STORAGE & CLEANING

- Store sheets on a flat surface in a well protected shaded area, out of direct sunlight. Stacked sheets stored in the sun will cause heat build-up and possibly distortion, even if covered.
- Prevent moisture getting between stored sheets as this may cause whitening or discolouration.
- Avoid contact with chemicals, paints, solvents and sealants that are not compatible with Polycarbonate or Acrylic.
- Clean regularly with warm, soapy water and a soft sponge or soft brush. Rinse thoroughly.

SCAN TO DOWNLOAD OTHER RESOURCES

This brochure provides general product information only. Product suitability, design and installation requirements must be confirmed using the relevant Alsynite One Product Technical Statement (PTS), BPIR documentation and installation instructions available at alsynite.co.nz. Product performance depends on correct design, support spacing and installation in accordance with the Alsynite One installation guide for the relevant product profile. Warranty terms, conditions and exclusions apply. Full warranty details are available at alsynite.co.nz.
*Refer to the relevant Product Technical Statement for details of applicable test methods & product configurations.

ALSYNITE ONE

LASERLITE®

BUILDING PRODUCTS

QUALITY TRANSLUCENT ROOFING PRODUCT RANGE

LASERLITE®
POLYCARBONATE

LIFETIME WARRANTY
25 YEAR LIGHT TRANSMISSION
15 YEAR WEATHER BREAKAGE

CLASSIC COST EFFECTIVE PROFILED ROOFING SOLUTION

LASERLITE® profiled polycarbonate roofing sheets are engineered for outdoor living spaces, carports, pergolas and more. These sheets are 0.8mm thick and deliver excellent light transmission while blocking out up to 99.9% of harmful UV radiation and resists a range of weather conditions such as wind, rain and hail. This range is simple to install using conventional tools and available in various profiles and colours.

PROFILES AVAILABLE

Corrugated | Greca | 5 Rib

SHEET WIDTH	840mm	810mm	830mm
SHEET COVERAGE	755mm	760mm	760mm
SHEET LENGTHS	1.8m, 2.1m, 2.4m, 2.7m, 3m, 3.6m, 4.2m, 4.8m, 5.4m, 6m & 7.2m		

Product dimensions are nominal and may vary within normal manufacturing tolerances. Not all colours are available in all sizes and profiles.

COLOUR OPTIONS

	Clear	Opal	Bronze Tint	Grey Tint	Frost	Platinum
LIGHT TRANSMISSION	93%	49%	38%	19%	47%	18%
HEAT REDUCTION	0%	52%	33%	47%	63%	69%

COMFORT COOL RANGE

The Frost and Platinum colours deliver over 60% improved heat reduction compared to clear, creating a noticeably cooler and more comfortable outdoor area during hot days. At the same time, they minimise harsh glare while still allowing natural light through, creating a brighter environment as well. Available in Corrugated & Greca profiles only.

KEY BENEFITS

- Cost effective
- Blocks up to 99.9% of harmful UV radiation
- Impact resistance
- Lightweight yet durable
- Easy to install
- Fire performance tested*
- Available up to 7.2m

LASERGLAZE
GLASS-LOOK PROFILED POLYCARBONATE

LIFETIME WARRANTY
15 YEAR LIGHT TRANSMISSION
15 YEAR WEATHER BREAKAGE

INNOVATIVE FLAT-LOOKING ROOFING SOLUTION

LASERGLAZE combines a glass-look appearance with the strength and durability of polycarbonate. Its cost effective design eliminates the need for jointers or glazing systems, as sheets overlap and are secured using fixings. Suitable for installation over rafters and purlins, LASERGLAZE allows maximum natural light while reducing harmful UV exposure, making it ideal for upgrading outdoor living spaces.

PROFILES AVAILABLE

Profiled Flat

SHEET GAUGE	2.5mm
SHEET WIDTH/COVERAGE	670mm/600mm
SHEET LENGTHS	1.8m, 2.4m, 3m, 3.6m, 4.8m

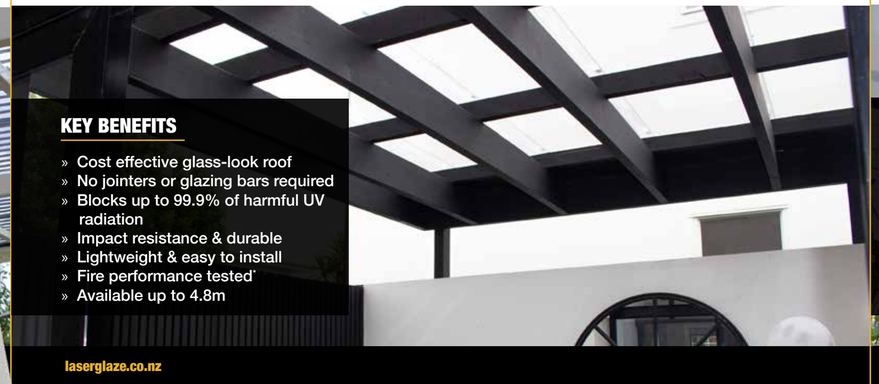
Product dimensions are nominal and may vary within normal manufacturing tolerances.

COLOUR OPTIONS

	Clear	Grey Tint
LIGHT TRANSMISSION	93%	35%
HEAT REDUCTION	0%	43%

SOLUTION OVER RAFTER & PURLINS

Engineered for direct installation over rafter and purlins, LASERGLAZE transforms existing roofing structures into a sophisticated, glass-look roofing solution. Its innovative design delivers a clean and seamless finish, reducing installation costs while adding lasting value to your property.



KEY BENEFITS

- Cost effective glass-look roof
- No jointers or glazing bars required
- Blocks up to 99.9% of harmful UV radiation
- Impact resistance & durable
- Lightweight & easy to install
- Fire performance tested*
- Available up to 4.8m

LASERLITE®
TWINWALL

LIMITED LIFETIME WARRANTY
15 YEAR LIGHT TRANSMISSION
5 YEAR WEATHER BREAKAGE

FLUTED THERMAL FLAT ROOFING SOLUTION

LASERLITE® TWINWALL is the first choice for almost any demanding glazing application. It is a twinwall hollow structured flat lightweight polycarbonate glazing sheet, offering excellent thermal and acoustical properties as well as being aesthetically pleasing. This range meets most architectural requirements and comes in a range of colour options. Glazing system, fixings and tapes also available.

PROFILES AVAILABLE

Fluted Flat

SHEET GAUGE	6mm & 8mm
SHEET WIDTH	1220mm
SHEET LENGTHS	1.8m, 2.4m, 3m, 3.6m, 4m & 5.8m

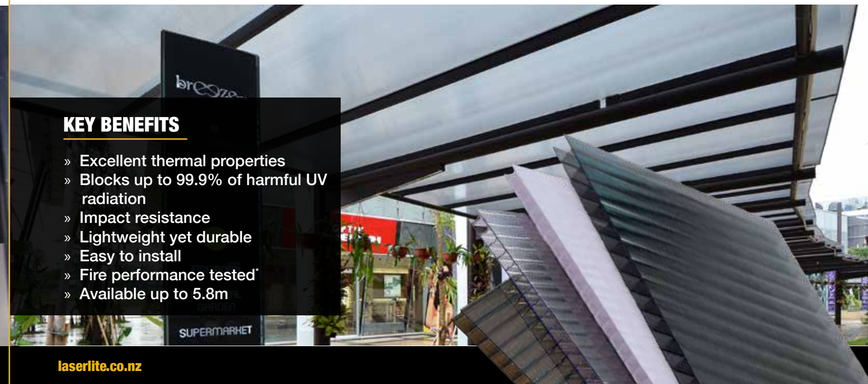
Product dimensions are nominal and may vary within normal manufacturing tolerances.

COLOUR OPTIONS

	Clear	Opal	Bronze Tint	Grey Tint
LIGHT TRANSMISSION	86%	18%	25%	11%
HEAT REDUCTION	0%	71%	70%	76%

RANGE OF ACCESSORIES

Our accessories are designed to create secure and professional finishes. They include fixings, jointers, end caps and sealing tapes. Together, they provide a cleaner finish and better protection against sun, wind, rain and dust while enhancing performance.



KEY BENEFITS

- Excellent thermal properties
- Blocks up to 99.9% of harmful UV radiation
- Impact resistance
- Lightweight yet durable
- Easy to install
- Fire performance tested*
- Available up to 5.8m