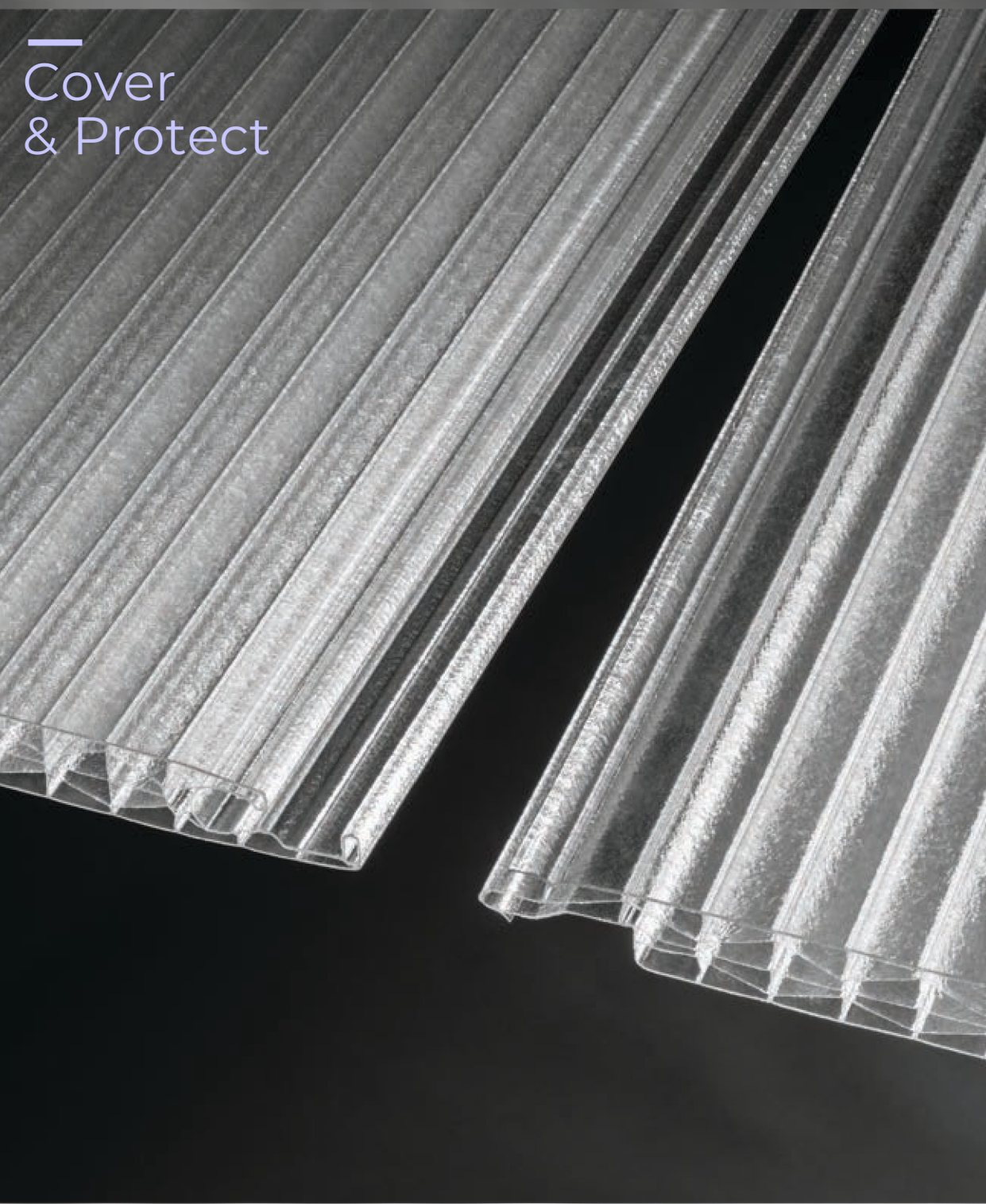


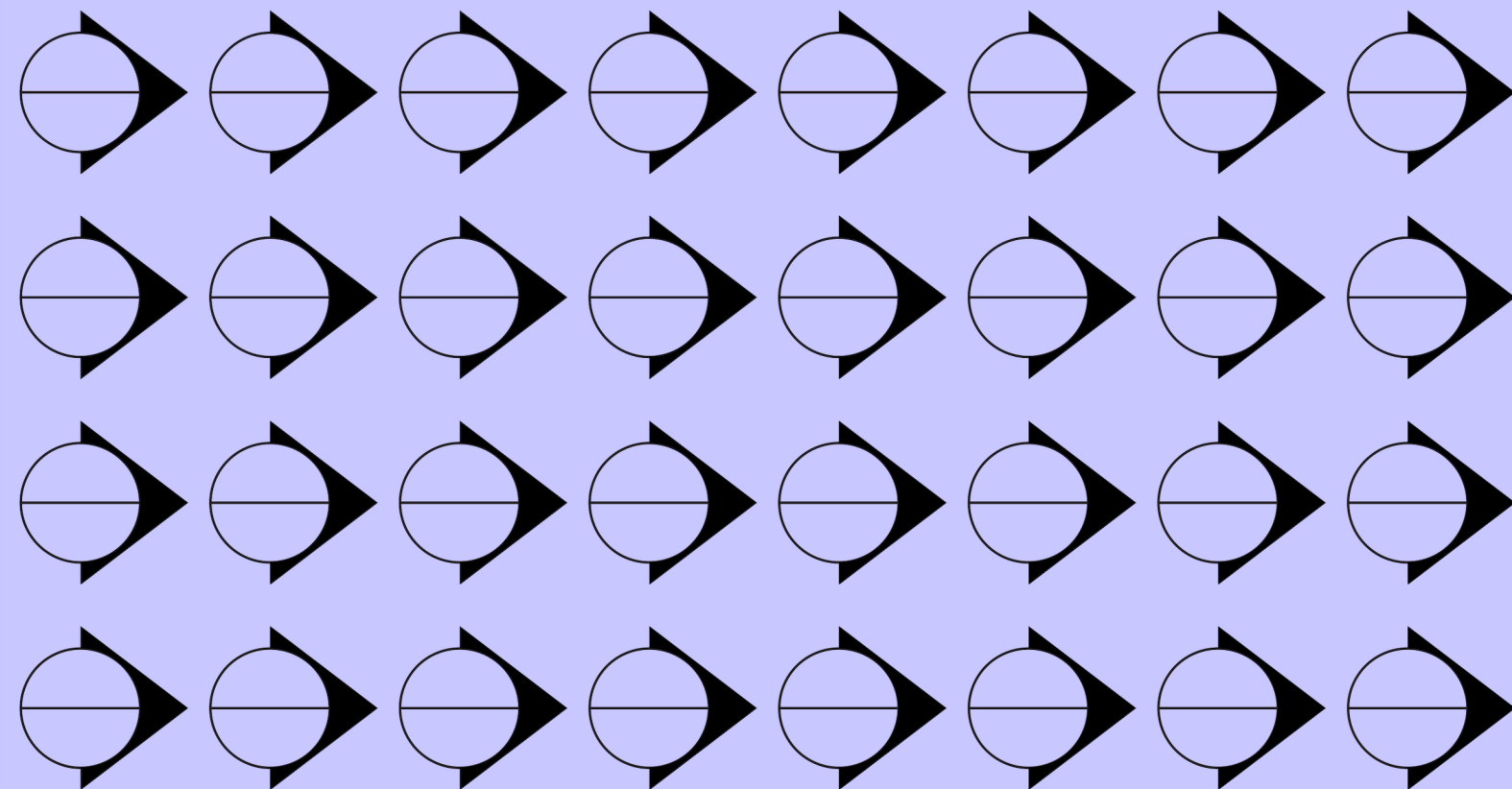
Easy-Fit  
Polycarbonate  
Glazing Panel



—  
Cover  
& Protect

# lightb<sup>o</sup>→x polymers

architectural surface materialists.





NO  
GLAZING  
BARS

**lightbox**  
**polymers**  
architectural surface materialists.

**lightbox**  
**clickloc**

polycarbonate glazing systems.

Lightbox Clickloc is an easy-fit glazing panel which provides the ideal DIY glazing solution for verandas, canopies, carports and vertical screens. Requiring no glazing bars, the easy-fit panels simply click together to provide an instant roof or screen.



**Simple DIY  
installation**



**Long-lasting  
& durable**



**No specialist  
tools required**

Perfect for DIY use, only standard tools are required to install. Simply cut panels to the required length, screw into place, click and lock the next panel and repeat, then finish with a U profile. The panels are manufactured from impact resistant polycarbonate which is hardwearing, durable and long-lasting.

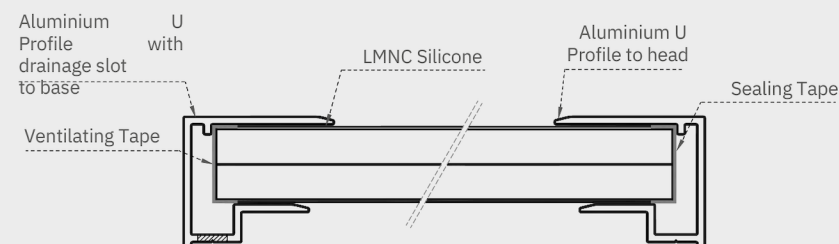
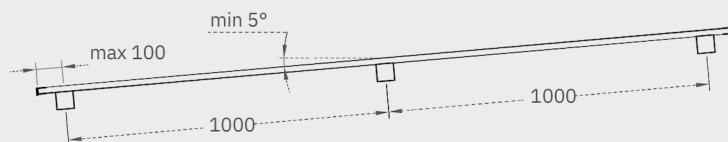
This super clear sheet has added UV protection so that you can enjoy the great outdoors whilst being protected from the harmful effects of the sun.



## Product Range

|                 |                                      |
|-----------------|--------------------------------------|
| Thicknesses     | 16mm Xwall                           |
| Colours & Tints | Clear (g), Bronze (g), Diffuser Opal |
| Panel Length    | (g) Up to 4.5m                       |
| Panel Width     | 500mm                                |

## Profile



NO  
GLAZING  
BARS



\*(g) - glass effect

## Key Benefits

- Easy to handle
- Light in weight
- Speedy assembly
- Very strong
- Impact resistant
- UV protected

## Applications

- Carports
- Pool covers
- Canopies
- Veranda covers
- Patio covers
- Lean-toos
- Wind screens
- Privacy screens

## Tints



Clear (g)

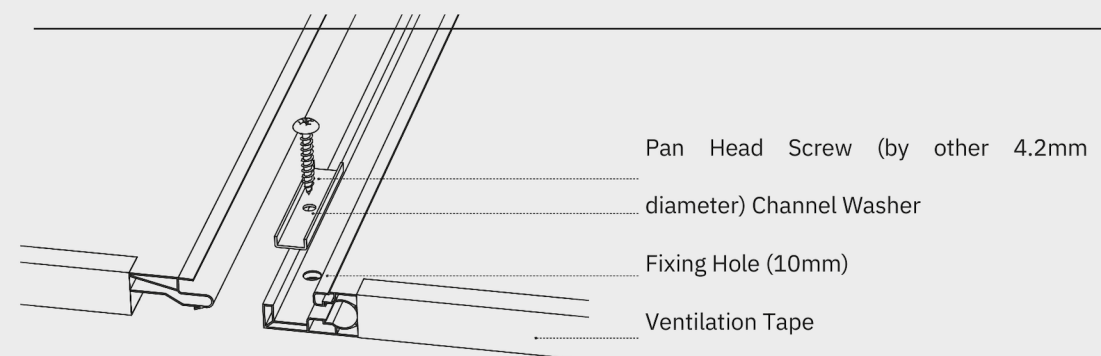
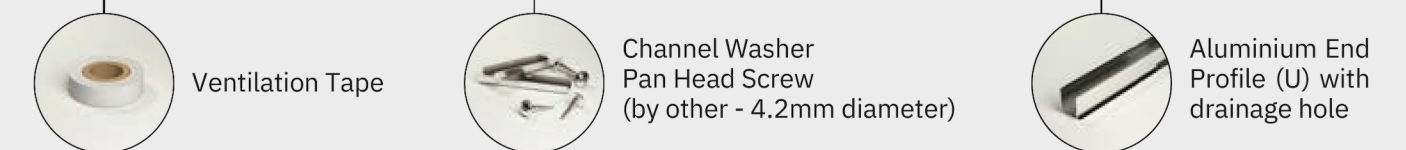


Bronze (g)



Diffuser Opal (g)

# Installation & Components



Suitable for cold curving, contact Technical Department with specific project details.



# Mechanical Properties



polycarbonate glazing systems.

## Properties

|               |              |
|---------------|--------------|
| Thickness     | 16mm         |
| Cover Width   | 500mm        |
| U-value       | 2.0W/m²K     |
| UV protection | Single Sided |

## Light Transmission

|                    |       |       |
|--------------------|-------|-------|
| Colour             | Light | Solar |
| Clear              | 66%   | 69%   |
| Bronze             | 14%   | 42%   |
| Diffuser Opal (NY) | 59%   | 30%   |

## Spanning

|              |               |
|--------------|---------------|
| Load         | Max. Span (m) |
| (kN/m2) 0.50 | 1.2           |
| 0.75         | 1.0           |
| 1.00         | 0.8           |

## Recommendations

Minimum roof slope 5°/Maximum sheet length 4.5m. Suitable for vertical applications.

## UV Protection

Lightbox Clickloc has a co-extruded UV protection layer on one side.

## Warranty

Lightbox Clickloc is manufactured under Quality Management Systems registered to BS EN ISO 9001:2015. The panels carry a limited warranty. For full details please contact our Technical department.

## Handling & Safety

Do not step directly on the rooflight. Use stepping boards. Work according to local safety regulations.

## Storage

Store in a shaded place, protect from direct sunlight and rain prior to installation. Avoid covering the sheets with heat absorbing materials. Avoid contact with chemicals. Protect the sheets from physical damage.

## Installation

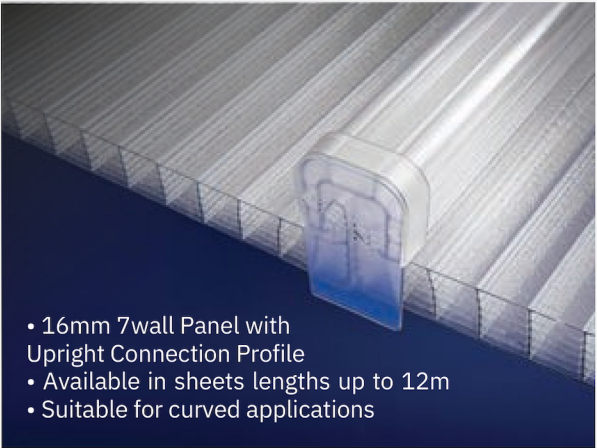
Make adequate allowance for thermal movement, nominally 3.5mm per meter. Holes drilled for fixings must be oversized, a 10mm diameter fixing hole should be adequate used with a fixing of 4.2mm diameter. For hotter climates a slot should be formed. Sheet lengths must be limited to ensure there is no excessive movement at the end laps or fixings. Do not overtighten fixings. Do not try to force the entire interlock at once. Engage one end and work along the length of the sheet. Silicon lubricant can be used to ease engagement of interlock. Apply sparingly. Remove protective film on installation.

## Service Temperature

For stable prolonged service ranging from – 20°C to 100°C. (Short term un-stressed –40°C to 130°C)

## Maintenance

In order to maintain this product in good condition it should be cleaned periodically using suitable detergent cleaning agents. Do not use solvent cleaners. Do not scrub with brushes or sharp implements. Avoid cleaning in hot sun or high temperatures.



- 16mm 7wall Panel with Upright Connection Profile
- Available in sheets lengths up to 12m
- Suitable for curved applications





## Head Office & India Sales

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For the latest information visit

**[www.lightbox-polymers.com](http://www.lightbox-polymers.com)**

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