

# SUNGLAZE® POLYCARBONATE GLAZING SYSTEM

## Data Sheet

Our Sunglaze® polycarbonate glazing systems are designed to cover your large or small projects with a high-quality, robust roof system.

Featuring solid polycarbonate panels and aluminium glazing bars, this duo really is the perfect roof system for your project.

### Weather Protection:



UV



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### Features:

<b>Suitable for:</b>	Education   Hospitality   Leisure   Retail   Commercial   Healthcare
<b>Maintenance:</b>	Requires only periodic cleaning
<b>Availability:</b>	The polycarbonate glazing system can be added to your existing structure

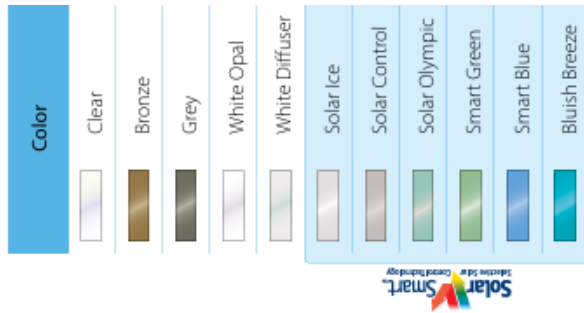
### Specifications:

<b>Panel Material:</b>	Available in a choice of 3mm, 4mm and 6mm thick solid polycarbonate
<b>Frame Material:</b>	The roof bars are constructed from aluminium
<b>UV Protection:</b>	Up to 99.9%   The roof panels will not turn yellow over time due to UV degradation
<b>Light Transmission:</b>	20% - 90% depending on the polycarbonate colour chosen
<b>Strength:</b>	High impact resistance, exceeding that of traditional glass and even some other polycarbonate products. They are engineered to withstand high loads and are designed for various architectural applications, including roofing, cladding, and glazing systems.
<b>Colour Options:</b>	The polycarbonate is available in 11 colours
<b>Thermal Transmittance:</b>	The polycarbonate sheet provides a thermally insulating glazing solution, achieving U-values 5.43 to 5.04 Watts/m <sup>2</sup> .°C depending on the thickness

### International Standards:

<b>Fire Ratings:</b>	The polycarbonate sheets achieve European standard EN 13501 B, s1, d0 (dependant on the panel thickness)
<b>Strength Tests:</b>	The panels have a flexural strength at yield of D-790 with conditions of 1 mm/min MPa 93
<b>CE Marked:</b>	Yes
<b>Quality Assured:</b>	Tested and warranted systems manufactured to ISO 9001:2000 quality standard ensures high product performance

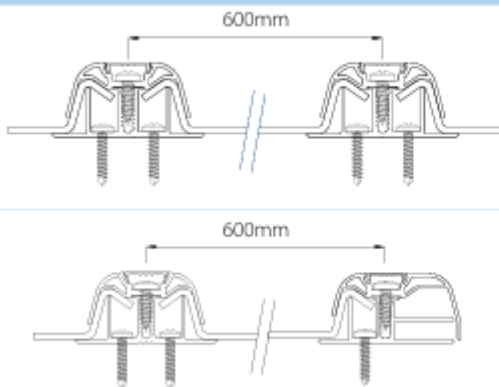
## Polycarbonate Colour Options:



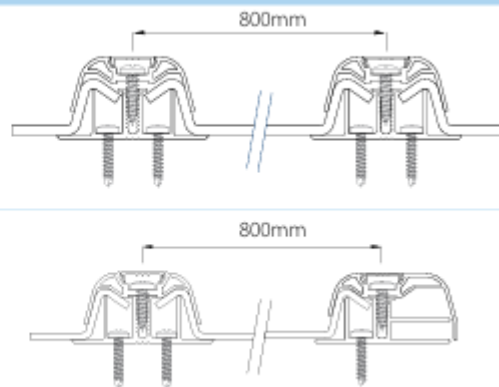
## Technical Files Available:

PDF CAD File	✗
DXF CAD File	✗
IGES CAD File	✗
STL CAD File	✗
BIM File	✓
NBS Spec	✓

SUNGLAZE 3/600 and 4/600



SUNGLAZE 4/800 and 6/800



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