

SUNPAL POLYCARBONATE GLAZING SYSTEM Data Sheet

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

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

Weather Protection:



0800 389 9072

www.ablecanopies.co.uk
sales@ablecanopies.co.uk

Features:

Suitable for:	Education Hospitality Leisure Retail Commercial Healthcare
Maintenance:	Requires only periodic cleaning
Availability:	The polycarbonate glazing system can be added to your existing structure
Warranty:	Comes with a comprehensive 15-year warranty for added assurance and reliability

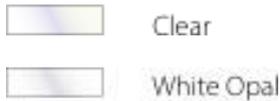
Specifications:

Panel Material:	Available in a choice of 8mm, 10mm, 18mm and 20mm thick multiwall polycarbonate
Frame Material:	The roof bars are constructed from aluminium
UV Protection:	Up to 99.9% The roof panels will not turn yellow over time due to UV degradation
Light Transmission:	20% - 90% depending on the polycarbonate colour chosen
Strength:	250 times the impact strength of glass and 30 times the impact resistance of acrylic
Colour Options:	The polycarbonate is available in clear and opal
Thermal Transmittance:	The polycarbonate sheet provides a thermally insulating glazing solution, achieving U-values 2.45 to 1.50 Watts/m ² .°C depending on the thickness

International Standards:

Fire Ratings:	The polycarbonate sheets achieve European standard EN 13501 B, s1, d0 (dependant on the panel thickness)
Strength Tests:	The panels have a tensile strength at yield of D-638 with conditions of 10 mm/min MPa 62
CE Marked:	Yes
Quality Assured:	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	✓

Type	Panel Data	Drawing
SUNPAL® 8/600 Lite	Width: 600mm Height: 23.5mm Height with Polycarbonate Joiner: 31mm Weight: 1.11 Kg/m, 1.83 Kg/m ² Min. cold bending radius: 2.0m	
SUNPAL® 8/600	Width: 600mm Height: 23.5mm Height with Polycarbonate Joiner: 31mm Weight: 1.24 Kg/m, 2.00 Kg/m ² Min. cold bending radius: 2.0m	
SUNPAL® 10/600	Width: 600mm Height: 25.5mm Height with Polycarbonate Joiner: 33mm Weight: 1.56 Kg/m, 2.60 Kg/m ² Min. cold bending radius: 2.4m	
SUNPAL® 18/1000	Width: 1000mm Height: 33.5mm Height with Polycarbonate Joiner: 41mm Weight: 3.11 Kg/m, 3.11 Kg/m ² Min. cold bending radius: 3.0m	
SUNPAL® 20/1000	Width: 1000mm Height: 35.5mm Height with Polycarbonate Joiner: 43mm Weight: 3.19 Kg/m, 3.19 Kg/m ² Min. cold bending radius: 3.0m	



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V1.3 LU030326