

POLYCARBONATE GLAZING FOR SPORTS STADIUMS

able canopies
a PALRAM company

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WHO ARE ABLE CANOPIES?

At Able Canopies Ltd, we are a **UK-based** company that specialises in the **supply and installation** of high-performance polycarbonate roofing solutions for **large sports stadium developments**. Working closely with contractors, architects and specifiers, we deliver durable, compliant, and visually integrated weather protection systems suited to high-footfall public environments.

Our polycarbonate roofing systems are ideal for large sport stadium projects, providing effective shelter and solar control while enhancing user comfort and safety. Each solution is designed to integrate seamlessly with the wider stadium architecture and project requirements.

We can manage the entire process in-house, from design and manufacture through to installation, and can attend site meetings as required to support programme coordination. This controlled approach ensures consistent quality, reliable delivery, and a smooth installation process on complex, large-scale stadium projects.





Shenzen Universiade Stadium, China



Hangzhou Sports Park, China

15 YEAR WARRANTIES

Our polycarbonate glazing systems, including Sunpal® and Sunglaze®, are supplied with a 15-year product warranty, providing assurance of quality and longevity. This warranty reflects the confidence we have in the materials we use and their ability to perform reliably over time.

The warranty covers the structural integrity and performance of the polycarbonate sheets when installed in accordance with our specifications. This offers contractors and architects peace of mind that the glazing systems will maintain their functionality and appearance throughout their service life.

By specifying Able Canopies' polycarbonate glazing systems, project teams benefit from a proven, warrantied solution that supports long-term asset value and reduces future maintenance risk.

RELIABLE UK SUPPLY AND DISTRIBUTION



VTB Arena, Russia

Able Canopies are a UK-based company with a dedicated UK warehouse, ensuring full control over the supply of our polycarbonate glazing systems. This local presence allows us to support projects nationwide with reliability and consistency.

By sourcing and distributing our polycarbonate glazing systems directly from our UK warehouse, we reduce lead times and minimise supply chain uncertainty. This enables a smooth, well-coordinated service that aligns with construction programmes and site requirements.

Our established UK operations allow us to provide a professional, responsive service, giving contractors and architects confidence that materials will be delivered on time and supported by a knowledgeable in-house team throughout the project lifecycle.

20 YEARS OF PROVEN EXPERIENCE

Established over 20 years ago, Able Canopies has developed extensive experience within the shade and shelter industry. During this time, the business has built a strong reputation for delivering high-quality solutions across a wide range of commercial and public-sector projects.

This experience covers both supply and installation, with regular collaboration alongside architects, contractors, and specifiers from design through to completion. A clear understanding of technical requirements, site coordination, and programme demands enables reliable delivery on complex projects.



Nizhny Stadium, Russia

FEATURED PRODUCT:
SUNGLAZE POLYCARBONATE GLAZING SYSTEM

Sunglaze® is a solid polycarbonate glazing system suitable for a wide range of applications, from large-scale projects such as sports arenas and shopping centres to smaller installations including school canopies.

Manufactured from solid polycarbonate with a glass-like appearance, it is available in clear or opal finishes and is supported by aluminium rafters that provide strength, lightweight performance, and natural corrosion resistance.

Supplied as standard in anodised aluminium, with optional powder coating in any RAL colour, Sunglaze® is a proven solution used internationally across multiple sectors and is backed by a 15-year product warranty, making it a reliable roof covering choice for long-term projects.



Sunglaze - Brookvale Oval, Northern Grandstand, Australia

FEATURED PRODUCT:
SUNPAL POLYCARBONATE GLAZING SYSTEM



Nizhny Novgorod Stadium, Russia

Sunpal® is a multi-wall polycarbonate glazing roof system that is perfect for covering large architectural designs such as sports stadiums, shopping complexes, leisure facilities and much more. With a choice of polycarbonate thicknesses to choose from, and the ability to cover projects of any size, Sunpal® could be the perfect product for your project.

Featuring aluminium rafters which are naturally rust resistant and which can be finished in any RAL, along with high-strength polycarbonate panels, Sunpal® is sure to fit in perfectly with your design.

Whether your proposal features a curved, domed or mono roof, Sunpal® will be able to cover it seamlessly as it can adapt to shapes onsite.

FEATURED PRODUCT:
SUNTUF POLYCARBONATE GLAZING SYSTEM

Designed to meet complex engineering challenges, SUNTUF corrugated polycarbonate sheets are ideal for industrial roofing and cladding such as sports stadiums, and for commercial skylights and daylights.

SUNTUF offers all the unique properties of polycarbonate such as mechanical robustness, durability, light transmission, UV protection, and strength-to-weight ratio. Unlike corrugated metal sheeting and reinforced glass panels, SUNTUF installs quickly and easily, and maintains its appearance and features for years.

SUNTUF polycarbonate profiles can be adapted to match any corrugated metal profile structure using Palram MetalMatch™ technology.

This innovative system can be manufactured to large spans which results in lower overall expenses for the steel structure.



Aviva Stadium, Ireland

COMPARE SYSTEMS

	SUNPAL	SUNGLAZE	SUNTUF
	Sunpal	**Sunglaze**	**Suntuf**
Glazing Sheet Material	Multi-wall polycarbonate	Solid polycarbonate	Corrugated polycarbonate
Glazing Sheet Thickness	Choice of 8mm, 10mm, 18mm and 20mm	Choice of 3mm, 4mm and 6mm	Can be adapted to match any corrugated metal profile structure using Palram MetalMatch ™ technology.
Glazing Sheet Width	600mm – 1000mm (dependant on thickness)	600mm – 800mm (dependant on thickness)	
Glazing Sheet Colours	Choice of Clear and White Opal (other colours available on request)	Choice of clear and white opal (other colours available on request)	Choice of clear, white opal, white diffused and solar control
Frame Material	Aluminium	Aluminium	N/A
Frame Colours	Any RAL colour	Any RAL colour	N/A
UV Protection	Up to 99.9%	Up to 99.9%	Over 99.9%
Warranty	15 years	15 years	10 years
Fire Performance	Polycarbonate – EN 13501 B, s1, d0	Polycarbonate – EN 13501 B, s1, d0	Polycarbonate – EN 13501 B, s1, d0
Light Transmittance	20-90% (dependant on colour)	20-90% (dependant on colour)	Up to 24-90% (dependant on colour)
Thermal Performance U-Value	2.45 to 1.50 Watts/m^2·K (dependant on thickness)	5.43 - 5.04 Watts/m^2·K (dependant on thickness)	0.21 Watts/m^2·K
Strength Tests	Tensile strength yield of D -368 in conditions of 10mm/min MPa 62	Flexural strength yield of D -790 in conditions of 11mm/min MPa 93	Flexural strength yield of D -790 in conditions of 1mm/min MPa 93
CE Marked	Yes	Yes	Yes
Quality Assured	ISO 9001:2000	ISO 9001:2000	ISO 9001:2000
NBS Spec Available	Yes	Yes	No
Installation Available	Yes	Yes	Yes
Supply Only Available	Yes	Yes	Yes
Appearance	Structured polycarbonate	Glass-like	Corrugated glass -like appearance

ABLE CANOPIES INSTALLATION MAP

Over the past 20 years, Able Canopies has successfully delivered commercial shade and shelter installations across the length and breadth of the UK. The nationwide spread of completed projects demonstrates extensive experience working in diverse environments, from complex urban developments to large public and leisure facilities.

This proven delivery record reflects the capability to support large-scale, high-footfall schemes that demand robust design coordination, reliable installation, and programme certainty. For architects and contractors working on major developments such as sports and leisure venues, this depth of nationwide project experience provides confidence in Able Canopies as a dependable partner for technically demanding shade and shelter solutions.

You can view our full, interactive installation map on our website by visiting:
www.ablecanopies.co.uk/installations/





Polycarbonate Glazing Systems
Shade Sails
Commercial
Construction
Architects
Care
Umbrellas
Tensile Fabric Canopies
Walkway Canopies
Education
Industrial
Public Sector
Wall Mounted Canopies
Freestanding Canopies
Councils
Transport
Hospitality
Awnings
Cycle Shelters
Contractors
Waiting Shelters
Leisure
Tourism
Timber Canopies
Heathcare
Outdoor Dining Canopies
Retail

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Specialists in Supplying and Installing Canopies, Shelters and Associated Groundworks Nationwide

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