

POLYCARBONATE

USA Product | USA Technologies

my
group

3 BILLION RESOURCES FZE

Our product

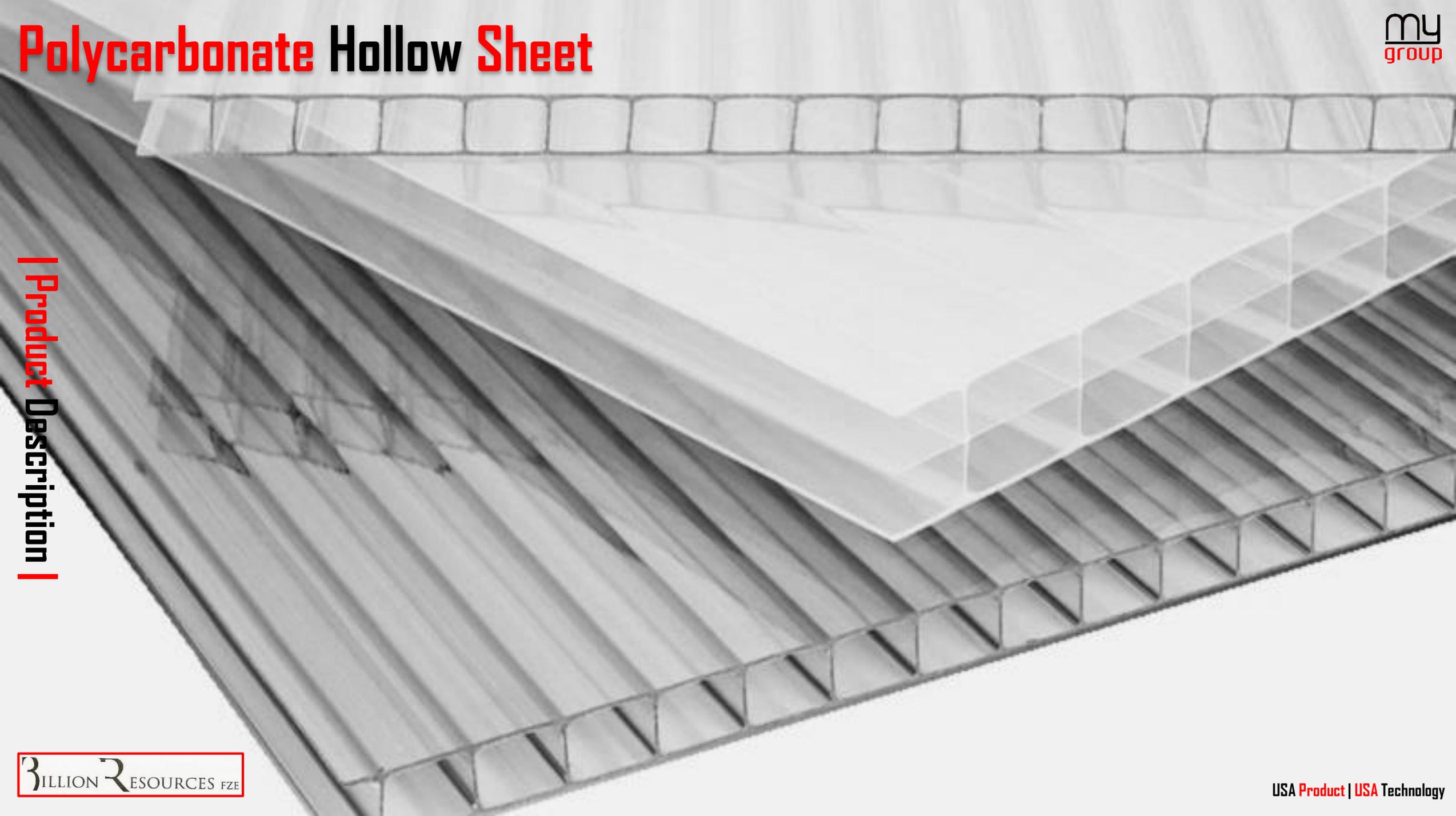
Our twinwall and fourwall polycarbonate offers high impact resistance, excellent heat retention and 80% light transmission. Includes anti-condensate coating to prevent dripping.

Our Multi-wall Polycarbonate Sheet is designed and engineered specifically for commercial greenhouse use and Patio cover. Our product are available in 4-foot or 3-foot widths in clear or bronze color. Panels offers 99.5% UV protection. The multiwall design and light weight of the sheets enables a reduction in cost of the supporting structure. Shatterproof polycarbonate coupled with integrated UV resistant co-extruded layer yields long service periods backed up by a 10 year limited warranty. The cellular multi-layer structure reduces heating costs in winter while minimizing excessive heat in summer. A special coating on the bottom side eliminates condensation dripping. Panels blocks ultraviolet rays that burn plants and living tissues, and transmits only beneficial radiation.

- Light transmission = 80%
- R Value = 1.9
- UVI
- Can be easily cut in any pattern using a circular saw with a fine tooth blade

Polycarbonate Hollow Sheet

| Product Description |



Polycarbonate Hollow Sheet

| Product Features |

1. **Super light:** It weighs half of ordinary silicate glass.
2. **Impact resistance:** 80 times that of glass, 15 times that of acrylic sheeting.
3. Temperature resistance range: **-40 ~ 120°C.**
4. **Light weight:** only 1/12 of the weight of glass of the same thickness.
5. **Super stability:** Its 50-micron UV coating can effectively protect it from ultraviolet rays in order to prevent aging.
6. Flame resistance: **rated class A1.**
7. **Sound** and heat proof.

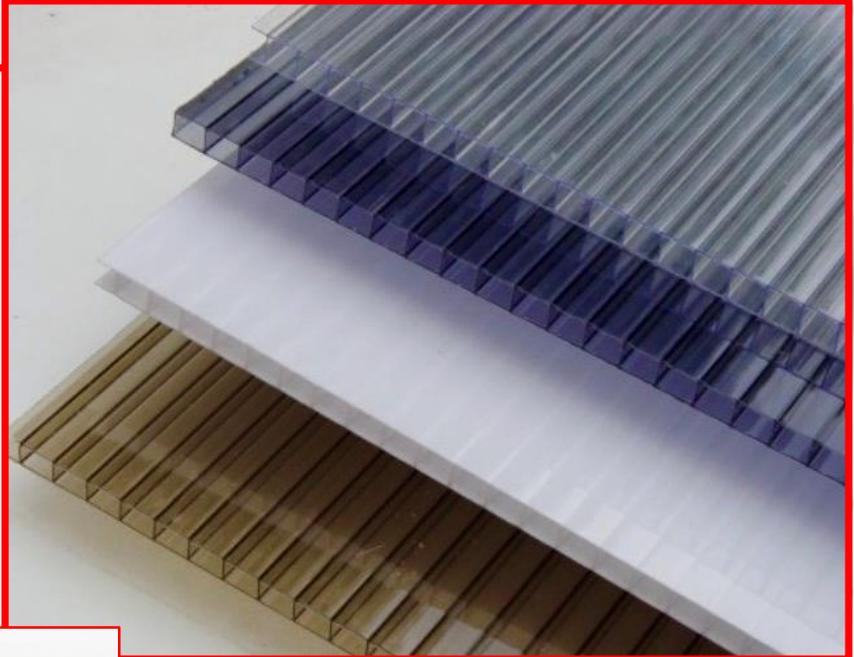
Polycarbonate Hollow Sheet

| Product Description |

Items	Specification	
Material	100% makrolon bayer, sabic lexan.	
Width	MAX 2100mm	
Length	can be customized	
Thickness	2-wall	2.8mm-12mm
		4mm,6mm,8mm,10mm,12mm
	multiwall	6mm-20mm
Section	Rectangular, Honeycomb, X-shape etc.	
Color	Transparent, Opal, Green, Blue, Bronze, Yellow etc.	

Polycarbonate Hollow Sheet

Product Description



Polycarbonate Hollow Sheet

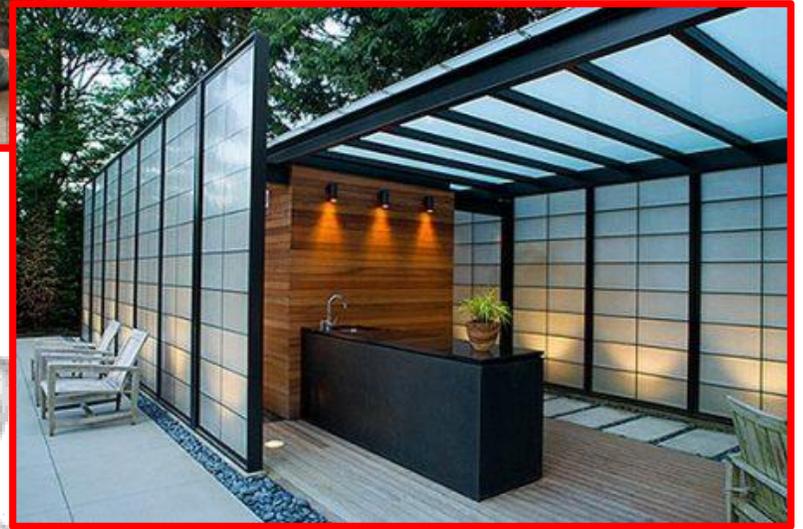
Applications

- 1. Roofing **skylight** for office building, department store, hotel, **stadium**, school
- 2. Agricultural greenhouses, zoos, **botanical gardens**.
- 3. Swimming Pools roofing/**cover**/sheet
- 4. Lighting **for corridors**, balcony, passages and subway entries, **walkways**.
- 5. Walls, **roofs**, windows.



Polycarbonate Hollow Sheet

Applications



Lexan - Plexiglass **Solid Sheets**

| **Product Description** |

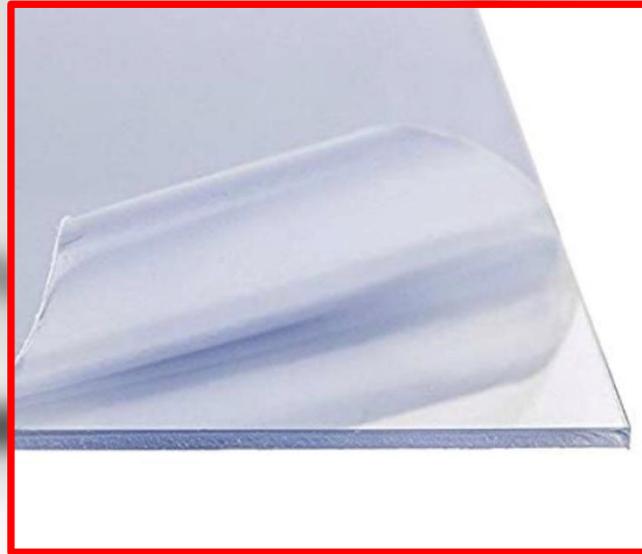
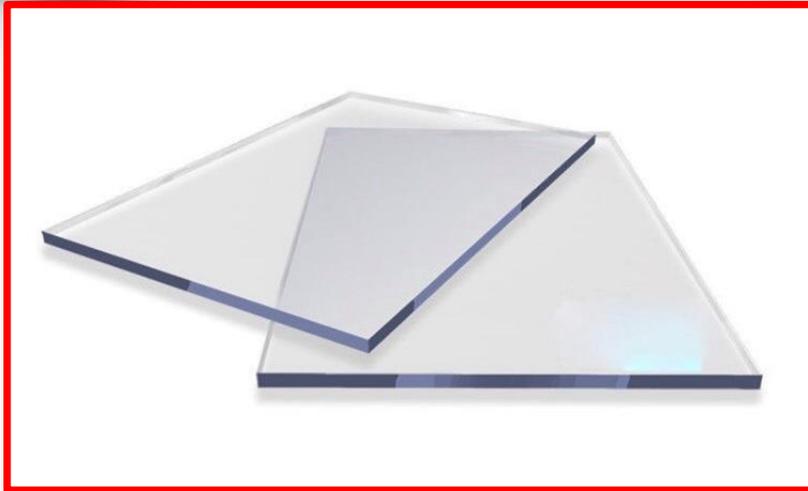


Lexan - Plexiglass Solid Sheets

LEXAN - PLEXIGLASS SOLID SHEETS

Polycarbonate sheet combines high impact and temperature resistance with optical clarity and can be utilized for secondary glazing behind existing glazing for economical protection against breakage or intrusion. Polycarbonate sheet can be cut, sawn, drilled and milled by using standard workshop equipment without the risk of cracking and breakage and is therefore an excellent candidate for fabricating a wide range of indoor applications such as machine guards etc.

Product Description



Lexan – Plexiglass **Solid Sheets**

1. **High light transmission:** up to 88%
2. Excellent impact resistance: **80 times** of same thick glass
3. Weather and **UV** resistant properties retained for years
4. **Flame resistance:** High fire performance rating is class B1
5. **Sound and heat insulation:** Superb sound insulation for freeway barrier and **super** thermal insulation on save energy

Lexan - Plexiglass Solid Sheets

Product Description

Items	Specification	
Material	100% makrolon bayer, sabic lexan.	
Width	MAX 2100 mm	
Length	can be customized	
Thickness/Weight (kg/m²)		1.2 mm-1.44, 1.5mm-1.8
		2mm-2.4, 2.5mm-3, 3mm-3.6, 4mm-4.8
		4.5mm-5.4, 6mm-7.2, 8mm-9.6, 10mm-12.0, 12mm-14.4, 15mm-18
Color	Clear, Transparent, Opal, Green, Blue, Bronze, Yellow, Red, White, Grey etc.	

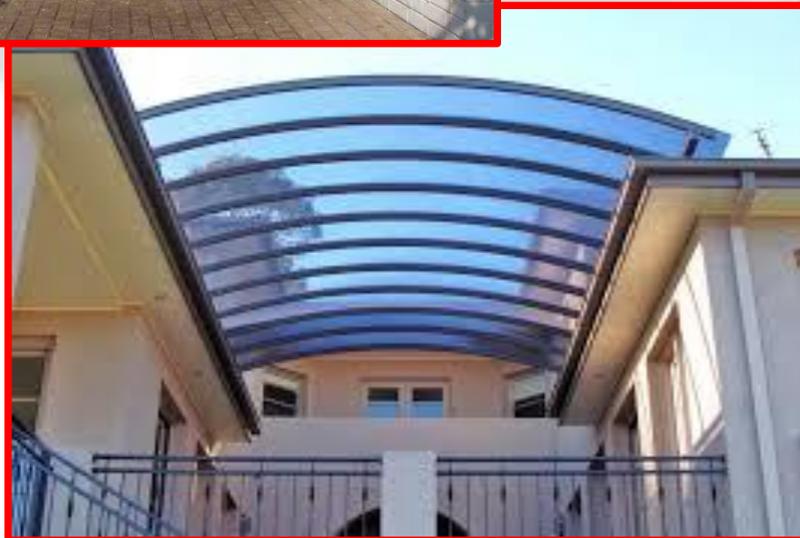
Lexan - Plexiglass Solid Sheets

| Applications |



Lexan - Plexiglass Solid Sheets

Applications



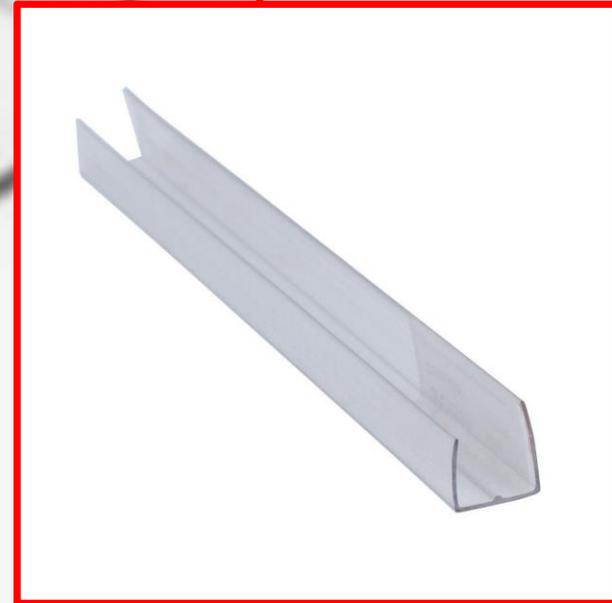
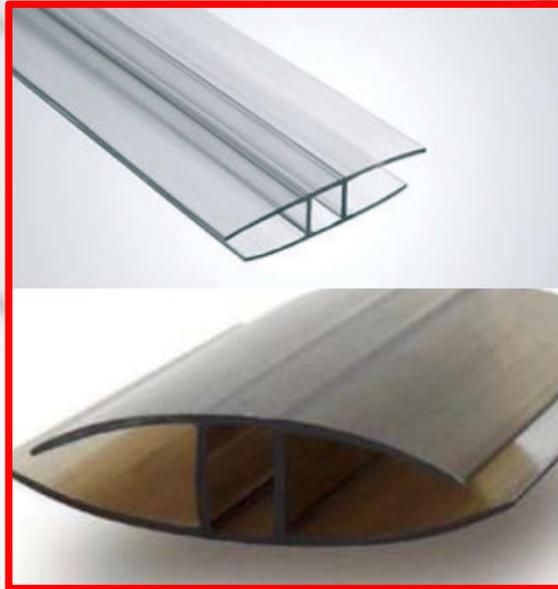
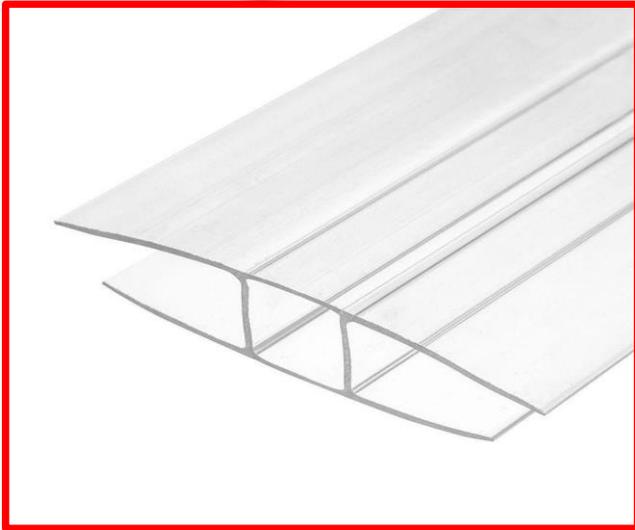
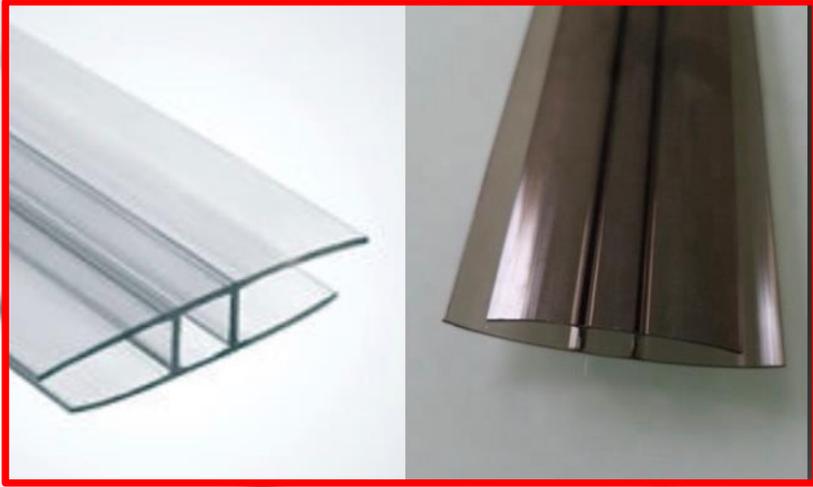
PC H Connectors & U CAPS



| Product Description |

PC H Connectors & U CAPS

| Applications |



Patio Cover

- Engineered to meet harsh weather conditions, heavy snow loads and high winds
- Virtually unbreakable, Bronze tinted 16 mm multi-wall polycarbonate roof panels are high impact, shatter resistant, 88% UV protected and provide complete UV blockage
- Reinforced design with durable, corrosion resistant powder coated Grey aluminum profiles and galvanized Steel connectors
- Safe, quick and easy DIY assembly - Sliding roof panels installation, ready to assemble pre-drilled profiles; all screws included
- Adjustable wall connection and flexible poles positioning



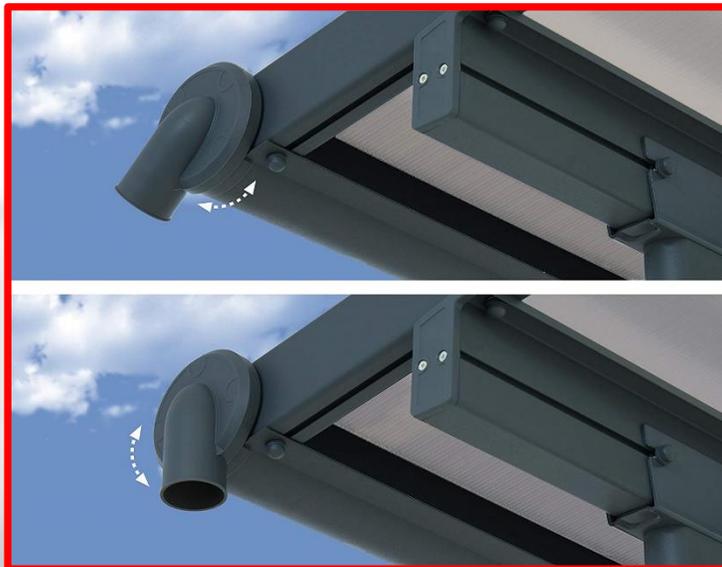
Patio Cover

Product Description



Patio Cover

Product Description



Car Ports

Carport (Bronze Aluminium Alloy Frame + Bronze Polycarbonate Sheet).

Size Projection 3m Length 6m

*Aluminum alloy frame,

corrosion-resistant.

*BAYER **raw materials** PC solid sheet, **UV protection**

*Strong wind resistant, durable, long life



Car Ports

Product Description



Terraces

Also **can** be used for
terraces

Product Description



Polycarbonate Canopy

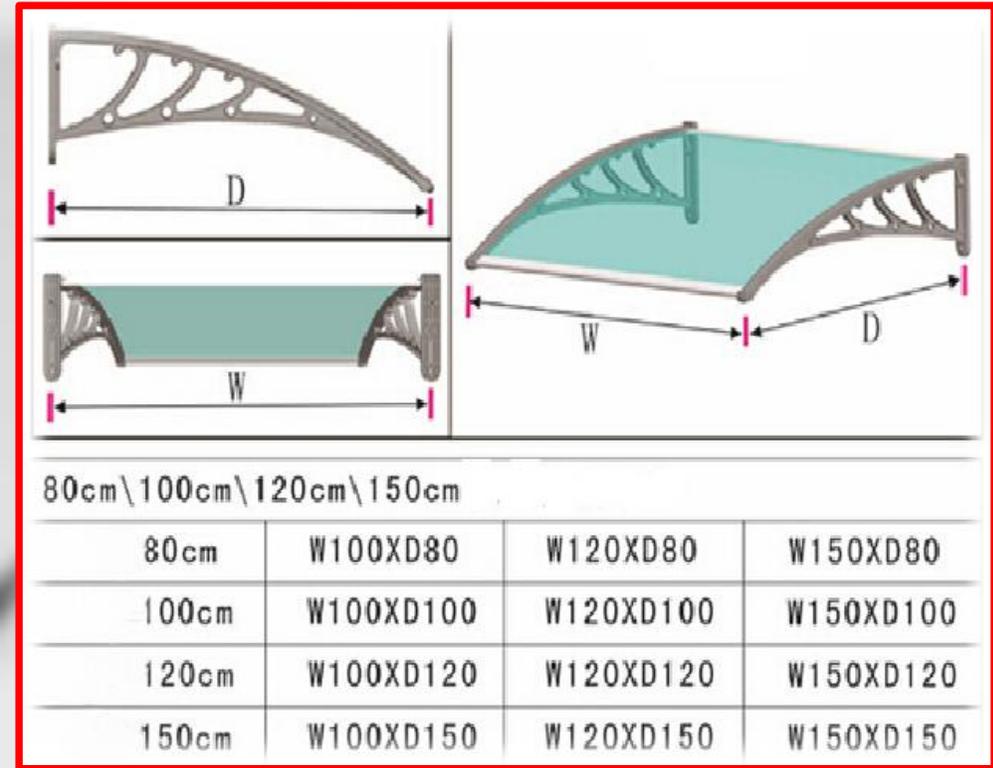


| Product Show |

Polycarbonate Canopy

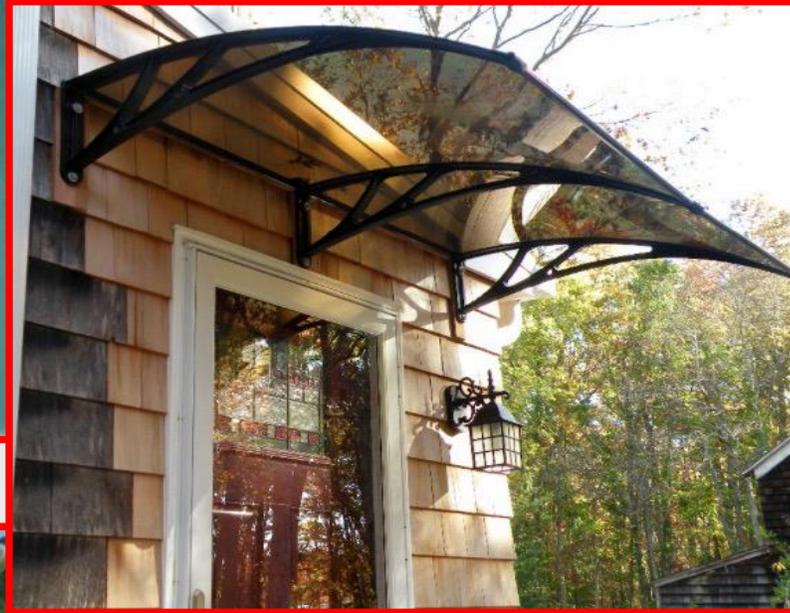


Product Show



Polycarbonate Canopy

Product Show



Testing & Packing



Our production

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