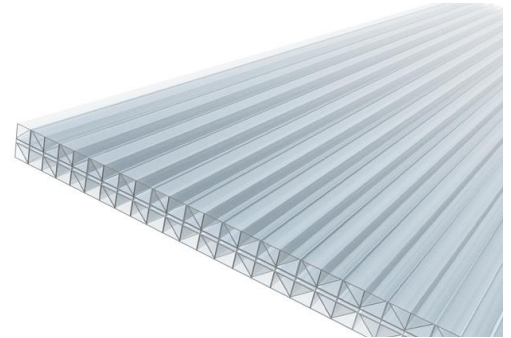


Product data sheet

June 2022

MULTIWALL POLYCARBONATE SHEET

10mm/6M 1.60kg/m² 1UV



ULTRAPLAST Multiwall Polycarbonate sheet combines high light transmission, excellent thermal insulation and long term weather resistance, light weight, impact resistance and ease of installation, good load bearing properties.

During production, the Multiwall Polycarbonate sheet ULTRAPLAST is covered with a co-extruded UV protection, that provides resistance against the effects of UV weathering.

ADVANTAGES:

- ✓ High thermal insulation properties
- ✓ Good light transmission
- ✓ Easy to install
- ✓ UV resistance
- ✓ Lightweight
- ✓ Flexible

APPLICATIONS:

- ✓ Roofs of industrial and social facilities
- ✓ Facade structures of buildings
- ✓ Canopies
- ✓ Greenhouses
- ✓ Noise protection fences of roads
- ✓ Skylights

TYPICAL PHYSICAL PROPERTIES

Sheet thickness	10 mm		
Number of walls	6 walls		
Structure	6M		
UV protection	1 side		
Density*	1.60 kg/m ²		
Standard width (open/closed)*	980; 1050 / 2100 mm		
Standard length*	6000; 7000 mm		
U-value	2.2 W/m ² K		
Light transmission	Transparent	63%	
	Bronze	35%	
	Anthracite	35%	
	Opal	23%	
Min. cold bending radius	-		
Possible expansion due to heat and moisture	3 mm/m		
Max. service temperature without load	120°C		
Direct airborne sound insulation	19 Db		
Fire rating	B-s1, d0 (EN 13501)		

* Non-standard options are available upon request

