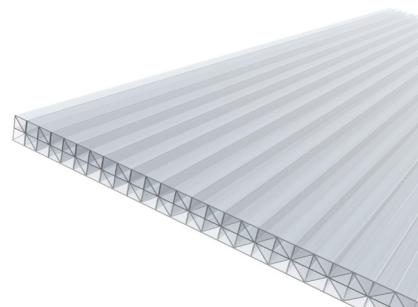


Product data sheet

August, 2023

MULTIWALL POLYCARBONATE SHEET

16mm/5X 2.50kg/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:

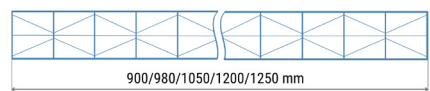
- ✓ High thermal insulation properties
- ✓ Good light transmission
- ✓ Easy to install
- ✓ UV resistance
- ✓ Lightweight
- ✓ Flexible

APPLICATIONS:

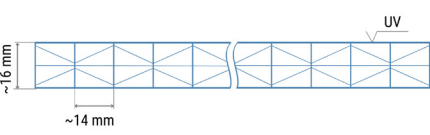
- ✓ Roofs of industrial and social facilities
- ✓ Facade structures of buildings
- ✓ Canopies
- ✓ Greenhouses
- ✓ Noise protection fences of roads
- ✓ Skylights

TYPICAL PHYSICAL PROPERTIES

Sheet thickness	16 mm	
Number of walls	5 walls	
Structure	5X	
UV protection	1 side	
Density*	2.50 kg/m ²	
Standard width (closed)*	900, 980, 1050, 1200, 1250 mm	
Standard length*	6000; 7000 mm	
U-value	2.0 W/m ² K	
Light transmission	Transparent	60%
	Bronze	42%
	Anthracite	45%
	Opal	23%
Min. cold bending radius	3000 mm	
Possible expansion due to heat and moisture	3 mm/m	
Max. service temperature without load	120°C	
Direct airborne sound insulation	20 Db	
Fire rating	B-s1, d0 (EN 13501)	



900/980/1050/1200/1250 mm



~16 mm

~14 mm

UV

* Non-standard options are available upon request

