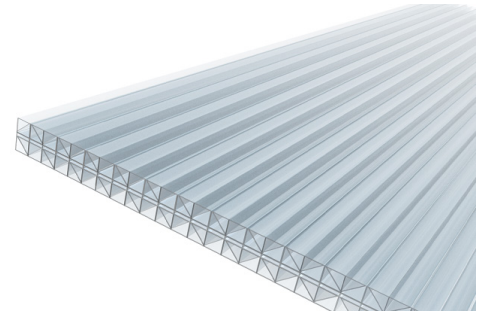


## Product data sheet

August, 2023

### MULTIWALL POLYCARBONATE SHEET

16mm/6M 2.30kg/m<sup>2</sup> 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	6 walls	
Structure	6M	
UV protection	1 side	
Density*	2.30 kg/m <sup>2</sup>	
Standard width (open/closed)*	980; 1050 / 2100 mm	
Standard length*	6000; 7000 mm	
U-value	1.90 W/m <sup>2</sup> K	
Light transmission	Transparent	49%
	Bronze	34%
	Anthracite	45%
	Opal	14%
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	21 Db	
Fire rating	B-s1, d0 (EN 13501)	

\* Non-standard options are available upon request

