



AGRICULTURE



CONSTRUCTION



DIY



ADVERTISING



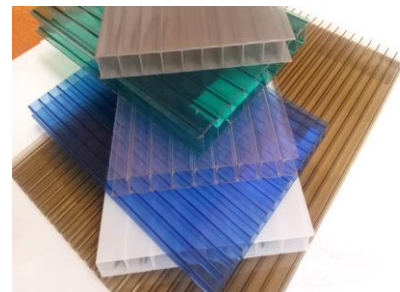
ARCHITECTURAL



MULTIWALL PRODUCT RANGE

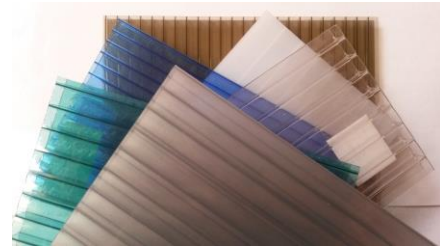
MAIN BENEFITS

- ◆ High thermal insulation
- ◆ Lightweight and impact resistant
- ◆ High light transmission
- ◆ Excellent structural durability
- ◆ Weather and UV resistance
- ◆ Blocks virtually all UV radiation
- ◆ Easy to handle and install
- ◆ High fire performance rating



TYPICAL APPLICATIONS

- ◆ Architectural roofing & glazing
- ◆ Skylights and sidelights
- ◆ Conservatories
- ◆ Covered walkways
- ◆ Displays, signage and decorations
- ◆ Industrial roofing and glazing
- ◆ Residential roofing and glazing
- ◆ Covered swimming pools
- ◆ Agricultural greenhouses



TYPICAL PHYSICAL PROPERTIES

Property	Method	Conditions	Units	Value
Density	D-792		g/cm ³	1,2
Heat deflection temperature	D-648	Load: 1.82 MP	C	135
Service Temp. (Short term)			C	-50 to +120
Service Temp. (Long term)			C	-50 to +100
Coefficient of linear thermal expansion	D-696		mm/mmC	6.5x10 ⁻⁵
Tensile strength at yield	D-638	10 mm/min	MPa	62
Elongation at break	D-638	10 mm/min	%	>90
Impact falling dart	(ISO 6603/1)		J	40-400
Practical Thermal expansion			Mm/m	3

COLOR AVAILABILITY & LIGHT TRANSMISSION

Structure	Standard Colors		
	CLEAR	BRONZE	WHITE OPAL
Multiwall 6mm	80%	35%	20%
Mutiwall 10mm	79%	35%	30%

STANDARD DIMENSION

Thickness (mm)	Area weight (kg/m ²)	U-Value (W/m ² K)	Width x Length (mm)
6mm	1.3	3.5	2.100 X 5.800
10mm	1.7	2.9	2.100 X 5.800

LIMITED WARRANTY

SUNLITE - Manufacturer's 10 (Ten) Years Limited Warranty

Definition

SUNLITE structured transparent or translucent polycarbonate sheets (hereinafter "the Product") are hereby warranted by the manufacturer, subject to any other terms contained herein.

Commencement Date

The commencement date shall be the date of the Product's manufacture or - if such date does not appear on the product - the date upon which the product was purchased from Manufacturer.

Scope of Warranty

- 1) Light transmission - product shall not lose more than 6% of its light transmitting capability for a period of 10 years from commencement date, as defined below, as a direct and exclusive result of solar radiation impact (as measured pursuant to the procedures specified in ASTM D-1003-77)
- 2) Colour - product shall not display change in yellowness of more than 10 units delta in the case of transparent clear product or 15 units delta in the case of White Opal or Diffuser products (hereinafter "decrease") for a period of 10 years from commencement date as a direct or exclusive of impact from solar radiation (as measure pursuant to the procedures specified in ASTM D-1925-77)
- 3) Breakage - product shall not break due to loss of impact strength as a direct and exclusive result of weathering and/or shall not break as a direct and exclusive result of the impact of hail measuring less than 20mm in diameter and attaining a velocity of up to 20m/s (44.7mph). The loss of this capability is hereafter referred to as "breakage". Loss of impact strength will be tested according to the ISO 6603/1-1985(E) and/or ASTM D-5628-95 method F test applied to a sample of the broken sheet. This warranty only applies if the sample shatters (brittle breaks into separate pieces)
- 4) Limitations - Warranty only valid if product is handled, stored, cleaned, installed and maintained with manufacturer's recommendations and instructions.
- 5) Claims and Notifications - every Warranty claim must be notified in writing to the Manufacturer within the warranty period and immediately after the occurrence of decrease or breakage, enclosing the original sales receipt and this warranty. The claimant must allow the Manufacturer to inspect any or all the sheets involved and the installation site itself while the sheets are still in their original position and have not been removed or moved or altered in any way and /or, on the Manufacturers instruction, return the sheets for testing. The Manufacturer reserves the right to investigate independently the cause of any failure.