

Polycarbonato celular

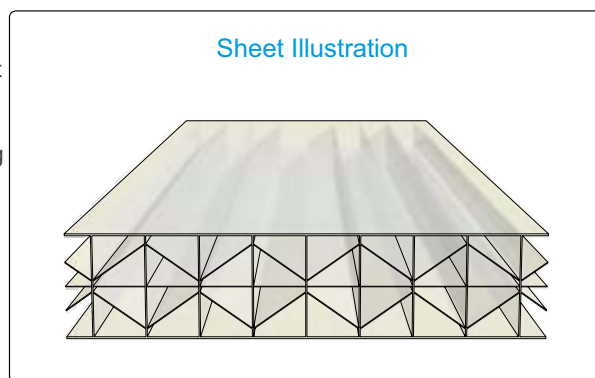
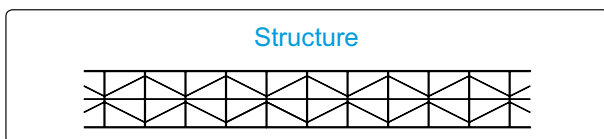
SUNLITE®

Multiwall Polycarbonate Sheet

Type: VS Structure 40mm

Overview

SUNLITE's polycarbonate reinforced structure yields a strong yet lightweight sheet with high impact strength and considerable thermal insulation. These benefits, combined with its high light transmission, make SUNLITE ideal for varied architectural roofing and glazing, as well as high-end agricultural greenhouse covering.



Typical Physical Properties

Property	Units	Value	
Overall thickness	mm	40	
Area weight	kg/ m ²	4.0	
Standard widths*	m	1.6, 1.83, 2.1	
Standard lengths*	m	6.0 - 7.0	
Light transmission	Clear	%	57
	Opal WD	%	15
	Bronze	%	20
U-value (Ug)	Watt/m ² •°K	1.35	
Min. cold bending radius	m	8.0	
Service temperature	Short term	°C	-40 to 120
	Long term	°C	-40 to 100
Practical thermal expansion/contraction range	mm/m	3	
Coeficient of linear thermal expansion	mm/m °C	0.065	
Flammability	Available upon demand		

* Non-standard options are available upon request.

Tolerances

Width dimension		0 to +4 mm
	< 3 m	0 to +5 mm
Length dimension	3-5 m	0 to +7 mm
	> 5 m	0 to +10 mm
Weight	±5% of nominal weight	
Light transmission	±4% of specified LT	

Installation

Applications of SUNLITE Triple-Wall must allow for thermal expansion on both end and side interfaces, nominally 3mm per meter. For more information please refer to the SUNLITE technical guide.