

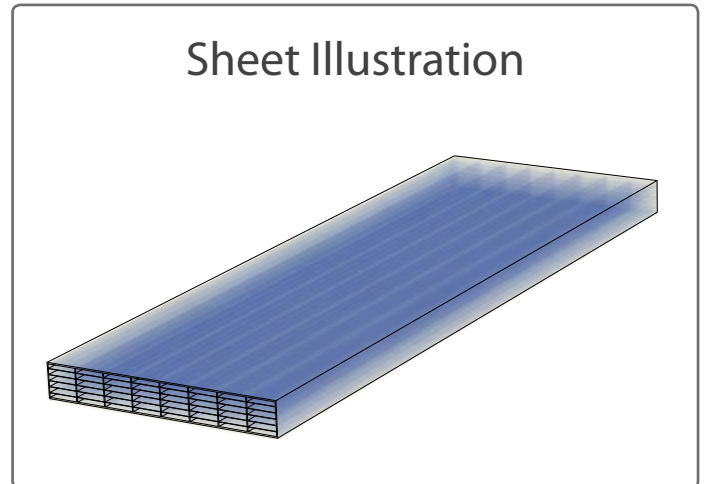
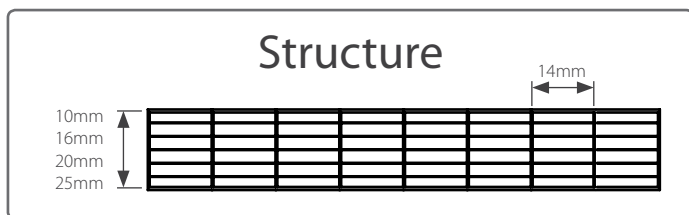


SUNLITE® 7 Wall

Multiwall Polycarbonate Sheet

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	10	16	20	25	
Area weight*	kg/ m ²	1.9	2.55	2.9	3.4	
U-value (Ug)	Watt/m ² ·°K	2.3	1.75	1.55	1.39	
U-value (Ug) - US Units	BTU / (hr·ft ² ·°F)	0.40	0.30	0.27	0.24	
Sheet standard widths (Closed/Closed)*	mm	700, 980, 1050, 1200, 1250, 2100**				
Standard lengths*	mm	6000, 7000				
Rib Distance	mm	14				
Light transmission	Clear	%	64	64	62	60
	White Opal	%	45	38	38	38
	Bronze	%	29	29	29	22
Min. cold bending radius	m	1.5	2.4	3.5	4.4	
Service temperature	Short term	°C	-50 to 120			
	Long term	°C	-50 to 100			
Practical thermal expansion/contraction range	mm/m	3				
Flammability ratings (EN 13501-1 2013)		B-s1, d0				

*Non-standard options are available upon request.

**Width of 7 Wall 10mm is 2096mm instead of 2100mm.

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

When specifying SUNLITE, thermal expansion must be accommodated on both end and side interfaces, nominally 3mm per meter. For more information please refer to the SUNLITE technical guide.



Palram Europe Ltd.
Tel: +44 1302 380777
Fax: +44 1302 380778
sales.europe@palram.com
www.palram.com

Palram UK
Tel: +44 1302 380738
Fax: +44 1302 380739
sales.uk@palram.com

Palram Germany
Tel: +49 2922 860410
Fax: +49 2922 909395
sales.germany@palram.com
de.palram.com

Palram France
Tel: +33 1 69534179
Fax: +44 1 69305013
palram.france@palram.com