

POLYGAL STANDARD GRADE | MULTIWALL SHEET

Combines endless design possibilities with many important advantages:

Polygal Standard Sheets double and triple layered, manufactured in various colors and degrees of transparency, are designed for use in most conventional roofing and glazing applications.

- Excellent thermal insulation
- Highly flexible, yet virtually unbreakable
- Lightweight and easy to install
- Rigid sheet structure provides extra strength under wind and snow loads. To see sheet performance under loads, go to "[Support / Wind Load Charts](#)".

Standard Sheets feature a UV protective layer to protect against yellowing, and are covered by a 10 Year Warranty against breakage and yellowing (6 mm and higher).

Recommended Uses: Covering of medium span structures where excellent thermal insulation is required.



Technical Specifications:

Structure		□□□□□		□□□□□		□□□□	
Thickness (mm)		4	6	8	10	12	16
Weight	g/m ²		800	1300	1500	1700	2700
	lb / ft ²		0.16	0.27	0.31	0.35	0.55
Standard width	mm		980, 1050, 1200, 1220, 1250, 2100				
	inch		48"		72"		
Minimum radius for	mm		0.7	1.05	1.4	1.75	2.8
cold bending arches	inch		2' 3"	3' 5"	4' 7"	5' 9"	9' 2"
U-Factor by ASTM C177	W / m ² • °C		3.9	3.6	3.3	3	2.3
	Btu / h • ft ² • f°		0.69	0.63	0.58	0.53	0.41

Optical Specification :

Thickness	Light Transmission (%) by ASTM D 1003											
	Clear	NGL*	ICE	bronze	snow	grey	green	red	orange	blue	turquoise	yellow
4	82	-	32	42	25	30	30	20	55	30	52	70
6	80							16				
8	80							12				
10	79							12				
16	72							16				

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