

Product	Structure	Sheet thickness A (mm)	Standard width (mm)	Max. width (mm)	Rib spacing D (mm)	Weight (g/m ²)	Light transmission% ASTM D1003		Minimum radius for cold bending arches (m)	U-Factor ASTM C177 TNO (Watt/m ² ·°C)	Recommended use			
							Clear	Ice Bronze						
Polygal Standard		4	980	2100	5.7	800	82	Ice 32	0.70	3.9	For internal use only			
		6				1300	80		1.05	3.6				
		8	1050	11	1500	80	Bronze 42	1.40	3.3	Wide range of uses in pergolas and Omegal systems				
		10	1200		1700	79		1.75	3.0					
		1250	2100		2700	72		2.80	2.3					
Polygal Triple-Clear		10	1830	2100	20	1750	76	-	-		2.60	For agricultural use. Proprietary Anti-Fog coating, guaranteed for 10 years. High insulation High clarity		
Thermogal 25mm		25	980 1200 2100	NEW 2100	25	3500	55	NGL Opal Ice Bronze 20	4.37		1.70	For large span roofs		
Thermogal 32 mm		32	980	1250	25	3800	50	NGL 15** Opal 51** Bronze 16**	5.6	1.4	High rigidity High insulation Low pitch roofs			
Thermogal 35mm		35	1200									1230	4000	NGL 15** Opal 47** Bronze 14**
Polygal Titan		10	980	NEW 2100	16	1700	62	NGL 25 Ice 32 Bronze 42	1.75	2.5	For high-stress environments requiring extra durability			
		16	1050	1200		2100	2700		62	2.80		2.2		
Polygal Selectogal		16	1050	1200	20	3000	Clear 34 *Bronze 21 Blue 23 Ngl 19		2.80	2.3	Reflects solar radiation, reducing heat load			
Polygal Primalite		NEW 8	980	2100	11	1500	45*		1.40	3.3	Reduces heat load, by reflecting solar heat radiation			
		10	1050			1200			1700	2000		1.75	3.0	
		16	1220			1250			2100	2800		32*	2.80	2.3
	Thermogal 25mm	25	980	1200	1220	25	3500	18*	4.37	1.76				
Thermogal 32 mm	NEW 32	980	1200	1220	25	3800	15*	5.60	1.4					
Polygal PolyShade		8	980	2100	11	1500	-	18*	1.40	3.3	Wide range of applications			
		10	1050			1200			1700	2000		1.40	3.0	
		16	1220			1250			2100	2700		2.80	2.3	
NEW Silhouette Gold Silhouette Pearl		8	980	2100	11	1500	40		1.40	3.3		Reduces heat load, by reflecting solar heat radiation		
		16	1050			1200			1700	2100			18	2.80
		Thermogal 32 mm	32			980			1200	1220	25		3800	Pearl 45** Gold 43**

Standard panel lengths: 3m, 4m, 6m.
 Maximum panel length: in accordance with handling restrictions.
 Thermal expansion: 2.5mm/m for clear and ice.
 4.5mm/m for bronze.

Service temperature range: -40 to +120°C.

*Visible transmission according to multi-layer model of Window 4.1 from LBNL

**ASTM D-1494

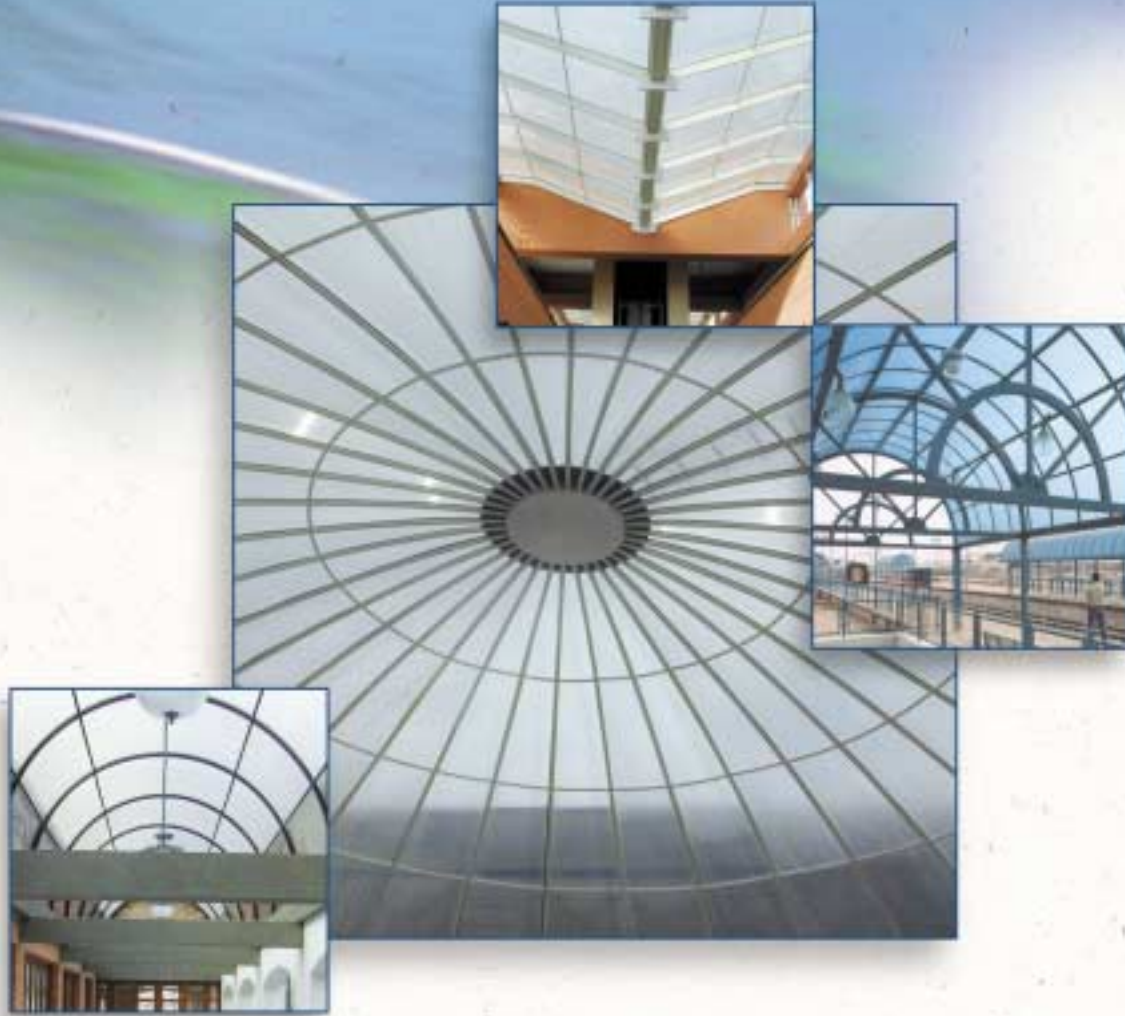
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POLYGAL PANELS

Turning an Idea into Reality

Polygal panels for any building, for any of your designs

As an architect, you design and create a different and more beautiful reality in order to satisfy requirements and demand.

Polygal produces a line of panels that provide you with a broad range of excellent solutions for uses such as roofing and covering buildings, skylights, covering swimming pools and glazing.

Polygal panels, used by architects worldwide, are light, unbreakable and easy to install. They enable controlled penetration of light and heat, while preventing the penetration of solar radiation. Polygal's R&D department is constantly developing and improving its products in accordance with various market and customer requirements. Assistance and service are available at all times.

Polygal Standard Double and triple layered, manufactured in various colors and degrees of transparency, it is designed for use in most conventional roofing and glazing applications.

Polygal Titan Particularly suited to extremely hot regions. Provides a solution in places where others fail.

Polygal Thermogal 25, 32, 35 mm Unique inner x-brace structure provides extra-strength, rigidity and outstanding insulation. Available in different thicknesses, widths and colors. Ideal for low-pitched roofs and for glazing in closed structures with large-span openings.

Polygal Selectogal An exclusive Polygal patent that enables the controlled penetration of heat and the transmission of pleasant daylight into buildings, while reducing heating and lighting costs.

Polygal Primalite Novel sheet selectively reflects a large portion of the Near Infra-Red solar radiation, while transmitting more of the visible light radiation.

Polygal PolyShade Designed for warm climates, PolyShade Polycarbonate structural glazing sheets effectively reflect sunlight and prevent excess heat build-up.

Glazing Systems 6-25 and Omegal Glazing systems that includes both construction and edge finishing aluminium profiles, as well as various screws and EPDM gaskets which are designed for panel glazing at the level of safety and structural required for roofing applications.