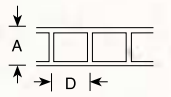
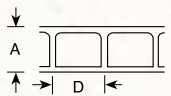
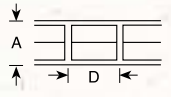
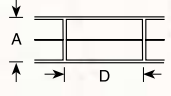
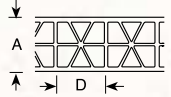
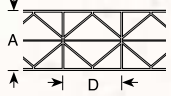
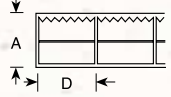
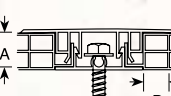
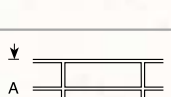


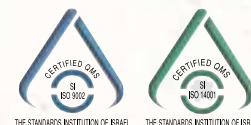
Polygal Product Selection

Product	Structure	Panel Thickness (A)	Standard Width	Maximum Width	Rib Pitch (D)	Weight (lb/ft ²)	Light transmission according to ASTM D1003 (Perpendicular to the panel)		Min. radius for cold bent arches	U-Factor Winter Night Btu/(h•ft ² •F)	Recommended Use	
							Ice/Bronze	Clear				
Polygal Standard		5/32"(4mm)	4' 6'	82" (2100mm)	0.224" (5.7mm)	0.16	Ice 32% Bronze 42%	82	2'3" (.7m)	0.69	Various roofing applications, pergolas and for use with Omegal Systems 3/8" (10mm)	
		1/4"(6mm)			0.27		Ice/Bronze 42%	80	3'5" (1.05m)	0.63		
		5/16"(8mm)			47.25"(1200mm)	0.433" (11mm)	0.33	Ice 32% Bronze 42%	80	4'7" (1.4m)		0.60
		3/8"(10mm)				0.35			79	5'9" (1.75m)		0.53
	5/8"(16mm)	47.25"(1200mm)	0.787" (20mm)	0.55	Ice 32% Bronze 42%	70	9'2" (2.8m)	0.41				
Polygal Triple-Clear		5/16"(8mm)	6'	82" (2100mm)	0.787" (20mm)	0.39	—	77	6' (1.83m)	0.50	Proprietary Anti-Fog coating, warranted for 10 years. Weathering: Complete UV radiation resistance	
Polygal Titan		3/8"(10mm)	47.25"(1200mm)	—	0.630" (16mm)	0.35	Ice 32%	61	5'9" (1.75m)	0.44	High-stress environments requiring extra durability	
		5/8"(16mm)			0.55		Bronze 42%					61
Polygal Thermogal		1" (25mm)	47.25"(1200mm)	—	0.984" (25mm)	0.72	Bronze 42% Ice 20%	55	14'4" (4.375m)	0.31	Large surface area roofing where excellent insulation is required	
Polygal RFX		5/8" (16mm)	47.25"(1200mm)	—	0.787" (20mm)	0.62	Blue 30% Bronze 42% NGB 32% (Backward)	—	9'2" (2.8m)	0.41	For east and west elevations	
Polygal Triple-Clip		5/8" (16mm)	2' (610mm) Center to center	—	0.787" (20mm)	0.55 0.69 with profiles	Ice 32% Bronze 42%	70	43'8" (4mm)	0.41	Easy to assemble, allows large distances between purlins, suitable also for walls	
Polygal Primalite		5/8" (16mm)	47.25"(1200mm)	—	0.787" (20mm)	0.55	32%	—	9'2" (2.8m)	0.41	Heat load reduction, by reflecting solar heat radiation	
		1" (25mm)	47.25"(1200mm)	—	0.984" (25mm)	0.72	18%	—	14'4" (4.37m)	0.31		

Length of standard panel: up to 36'

Thermal expansion: 1/8" per 3' for Clear and Ice panels 1/4" per 4' for Bronze panels
Service temperature range: -40°F to 248°F

For over 25 years, Polygal has been developing and manufacturing a wide range of multi-layered polycarbonate panels, which are proudly installed in buildings worldwide. A leader in its field, Polygal is known around the world for the quality of its products and was the first in the world to produce multi-wall polycarbonate panels for building applications.



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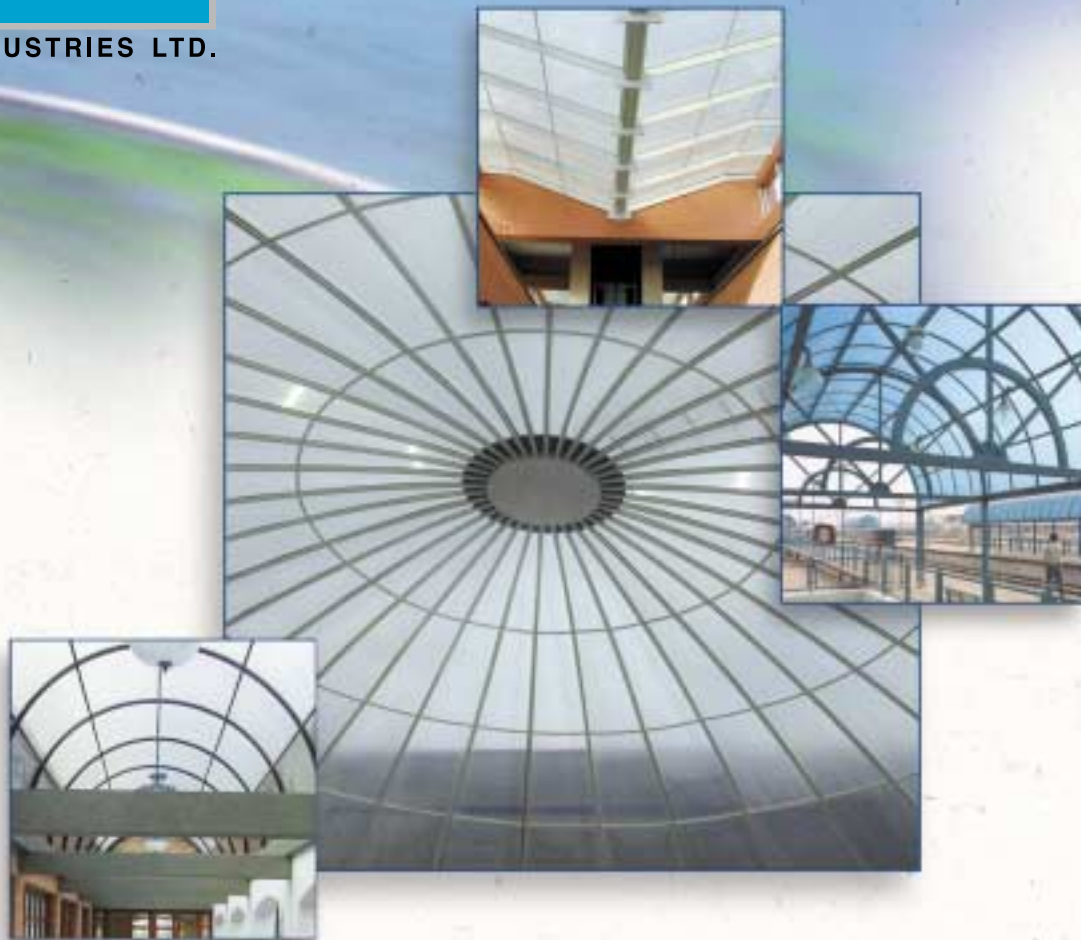
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The information above relates specifically to PCSS made from a particular polycarbonate resin and is not relevant to any similar generic product. No liability is accepted for any loss or damage from the use of this data which is given in good faith, but without commitment, and no warranty is given or implied. Polycarbonate is a combustible thermoplastic, Avoid exposure to excessive heat or to aromatic solvents. Precautions used to protect other common combustibles should be followed. The values presented were obtained in laboratory conditions and represent test averages, with no safety factor. The values do not indicate sales specifications limits and should be considered only as a suggested guide line. Polygal® retains the right to change said values without notice.

POLYGAL®

PLASTICS INDUSTRIES LTD.



Polygal Roofing Panels

Turning Design Ideas Into Reality

For every building, for any design

As an architect, you design and create beautiful new environments according to your client's specifications. To help convert those architectural designs into reality, Polygal offers architects and builders a complete range of technically advanced and high quality panels. Polygal panels provide excellent solutions for applications such as: **Roofing and Structural Covering, Skylights, Swimming Pool Covering and other Glazing applications.**

Polygal panels are the solution of choice for architects around the world due to their strength and durability, energy-saving features, UV-resistance and easy assembly. Polygal's Product Development department is constantly developing and improving its product lines to match the customer's special needs, and is at your service at any time.

Polygal RFX

RFX panels offer significant natural energy savings, by controlling the amount of light and heat penetrating into the structure. RFX patented prism design is an exclusive Polygal development.

Polygal Titan

Where extra strength and durability are required, Titan is the solution. Titan is designed to endure extreme weather conditions and high environmental and structural stress.

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 Standard

Designed for most roofing and glazing applications, Polygal Standard double and triple wall design provides a strong and flexible solution - available in a full selection of colors and transparency levels.

Polygal Triple-Clip™

16mm System represents the latest development in easy to assemble and D.I.Y. roofing systems. The modular design and the combination of Polycarbonate panels and aluminum profile reinforcement results in a long lasting and sturdy roof/wall structure.

Polygal Primalite

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