

# Titan

## Extra Strong, Extra Rigid, Extra Effective Insulation

**Polygal Titan** internal cross-brace structure gives these panels twice the strength and rigidity of equivalent standard polycarbonate panels. **Polygal Titan** provides a quality solution that is both intelligent and advanced for use where withstanding heavy loads is required.

**Titan Sky** sheets combine highly effective thermal insulation with extra strength for low pitch roofing.

Available in different thicknesses, widths and colors. Ideal for low pitched roofs and for glazing in closed structures with large span openings.

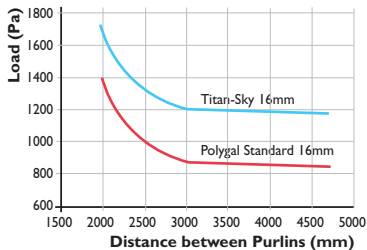
- Suitable for cold climates - extremely low 0.37 U-Value
- Save on heating energy costs
- Bright, transparent look, large range of colours, shades and reflective coatings
- Covered by 10 Year Warranty for color, light transmission and strength
- Can be cold - bent to recommended radii
- Best insulation performance during cold winter nights
- Rigid sheet structure provides extra strength under wind and snow loads
- Recommended Uses: Low pitch coverings, Lean- to conservatories, Large span structures, Stadiums, Closed structures with interior climate control, Industrial windows



### Technical Specifications:

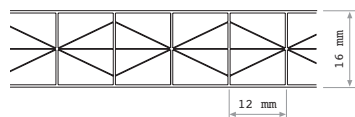
Product	Thickness (mm)	Weight g/m <sup>2</sup> [lb/ft <sup>2</sup> ]	Standard width (mm)		Minimum radius for cold bending arches	U-Factor ASTM C177 TNO(W/m <sup>2</sup> *C) [Btu / (h * ft <sup>2</sup> * f)]	Light Transmission ASTM D 1003 (%)			
							clear	NGL	ice	bronze
Titan	10	1750 [0.36]	980	[48"]	1.75m [5' 9"]	2.5 [0.44]	62	25	32	42
		1050								
	2700 [0.55]	1200	2.8m [9' 2"]	2.2 [0.39]						
Titan Sky	16	2500 [0.51]	1050	[47.25"]	2.8m [9' 2"]	2.08 [0.37]				

### Loads Graph

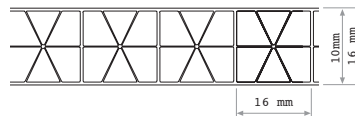


Wind Load vs. length of 16mm Titan Sheets at a constant deflection of 40mm, width 1050mm.

### Titan Sky



### Titan



The data in this advertisement is provided in good faith and constitute general information without commitment, and no warranty is given or implied. Polycarbonate is a combustible thermoplastic material that complies with various international standards, as customary in each country. Avoid exposure to excessive heat or aromatic cleaning solvents. Normal fire precautions should be taken to protect against combustion.



Polygal is the leading manufacturer of structured Polycarbonate panels, and is known throughout the world for the outstanding quality of its products. Polygal was the first manufacturer in the world to create structured Polycarbonate panels, and over the last 30 years has developed and produced a broad spectrum of these products, which are successfully covering a full array of structures worldwide.



Always look for the original sign

