



BRINGS NATURE IN



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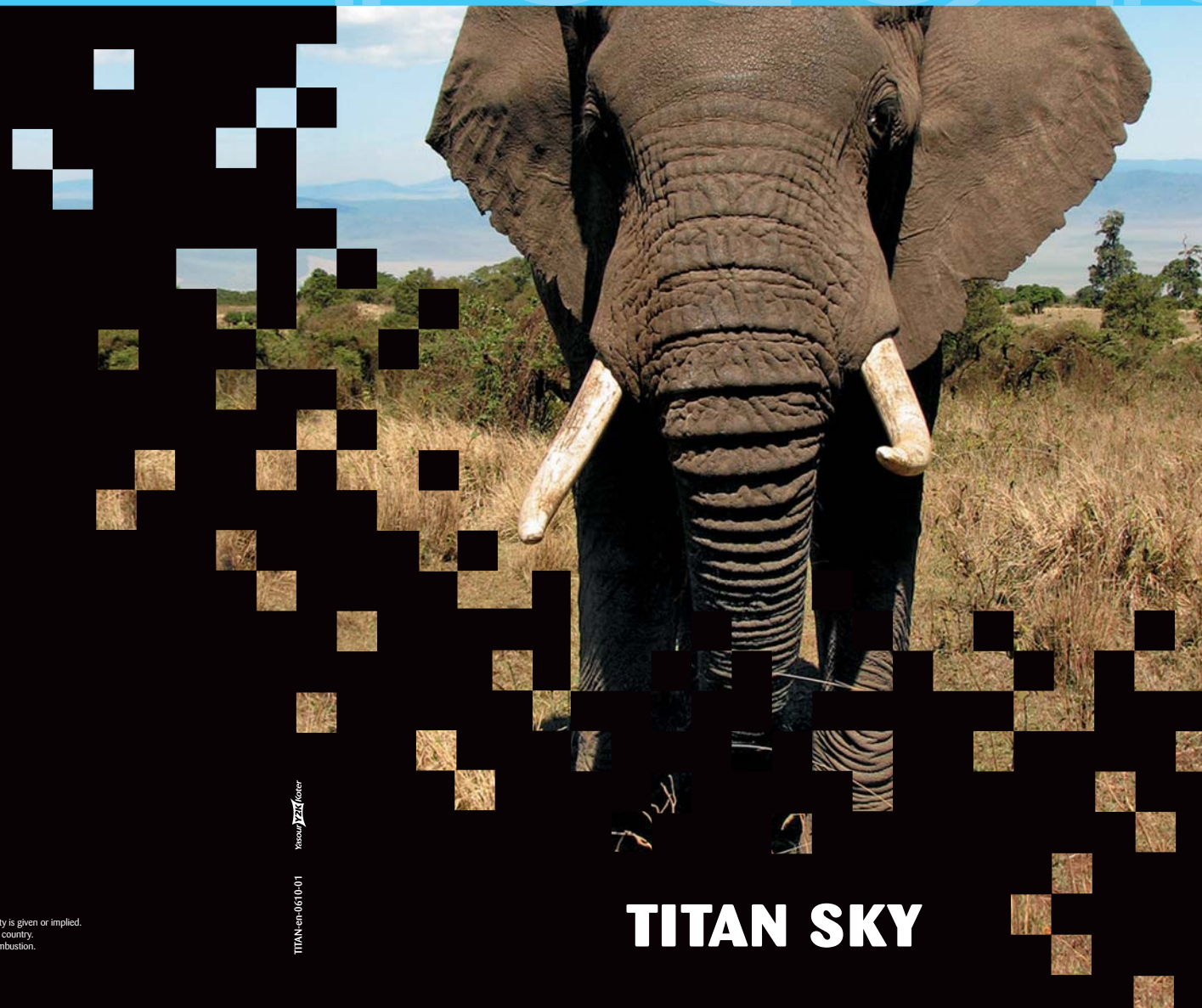
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Polycarbonate is a combustible thermoplastic material that complies with various international standards, as customary in each country.  
Avoid exposure to excessive heat or aromatic cleaning solvents. Normal fire precautions should be taken to protect against combustion.

Xosar/PPA/Telex

TITAN-epi-0610-01

**TITAN SKY**



# TITAN SKY

## Extra Strong, Extra Rigid, Extra Effective Insulation

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

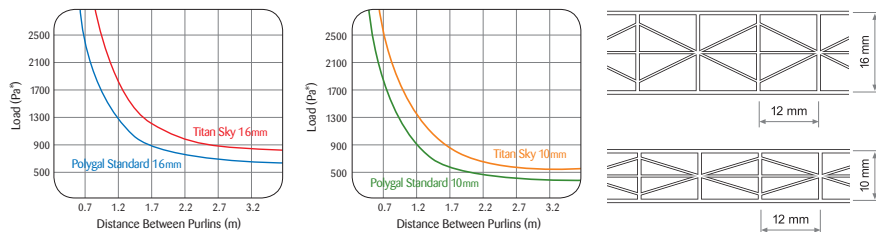
Titan Sky sheets combine highly effective thermal insulation with extra strength for low pitch roofing.

Available in different thicknesses (10 or 16 mm), widths and colors. Ideal for low pitched roofs and for glazing in closed structures with large span openings.

- Suitable for cold climates - extremely low 2.08 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



Load vs. Distance Between Purlins at an Absolute Deflection of 50 mm and Rafter Distance of 1.05m



\*10 Pa = 1 kg/m<sup>2</sup>

### Technical Specifications:

Thickness (mm)	Weight (g/m <sup>2</sup> )	Standard width (mm)	Minimum radius for cold bending arches (m)	U-Factor ASTM C177 TNO(W/m <sup>2</sup> · °C)	Light Transmission by ASTM D1003 (%)						
					Clear	NGL	Ice	Bronze	Primalite	Silhouette	
10	1750	1050	1.75	2.5	62	25	32	42	18 (47*)	Gold	Pearl
		1200								18 (47*)	20 (54*)
16	2500	2100	2.8	2.08							

\*By ASTM D1494



Polygal is the leading manufacturer of structured polycarbonate sheets, 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 sheets, 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.

