



ZENOLEX® POLYCARBONATE

ZENOLEX® Polycarbonate is a high-performance extruded Polycarbonate sheet engineered for demanding architectural, signage and glazing applications. With exceptional clarity, outstanding impact resistance and UV protection, **ZENOLEX® Polycarbonate** provides enduring performance in harsh outdoor environments. Built for versatility, **ZENOLEX® Polycarbonate** is ideal for flat-sheet or thermoformed installations – From overhead glazing, security panels and machine guards to high-end displays and exterior signage. Available in a wide range of thicknesses and sheet sizes to meet almost any project requirements.

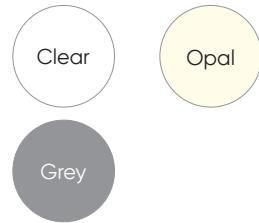
KEY FEATURES

- 10 year warranty
- Up to approximately 250 times the impact strength of glass
- UV protection both sides & weather-resistant
- Good clarity & resists yellowing
- Thermoformable & easily fabricated
- Lightweight yet rigid

PRODUCT APPLICATIONS

- Overhead & security glazing
- Skylights
- Machine guards
- Sound barriers
- Exterior & interior signage

COLOURS



Coloured swatch may not represent physical product.

PROPERTIES

GENERAL		RESULTS
Weight (3mm)		3.6kg/m ²
Density (ISO 1183)		1.2g/cm ³
Water Absorption (ISO 62)		0.2%
Cleaning: Warm soapy water & soft cloth		
MECHANICAL		
Tensile Strength (ISO 527-2)		2300Mpa
Flexural Strength (ISO 178)		90Mpa
THERMAL		
Continuous Service Temperature		110°C
Vicat Softening Temp (ISO 306)		135°C
Linear Thermal Expansion (DIN53752)		7/ ^o Kx10 ⁻⁵
Flammability (ISO 9705)		Group 1S

PRODUCT RANGE

COLOUR	GAUGE	SIZE
Clear (UV 2 Sides)	2mm 12mm	2440x1220mm
	3mm 4.5mm 6mm 9.5mm	2440x1220mm 2440x1830mm 3050x2030mm
	4.5mm	2660mm Spool
	3mm 4.5mm 6mm	2440x1220mm 3050x2030mm
Opal (UV 2 Sides)	4.5mm	2440x1830mm 2660mm Spool
	3mm 6mm	2440x1220mm
Grey (UV 2 Sides)	4.5mm	2440x1220mm 3050x2030mm
	3mm 6mm	2440x1220mm

Cut to size available upon request

