



Palsun - High Weathering Grade



PALSUN Polycarbonate combines superior impact resistance & clarity, making it the material of choice for many demanding applications. It is virtually unbreakable, yet it is as transparent as glass at less than half its weight.

PALSUN Polycarbonate can be cold bent & easily fabricated & formed, making it ideal for barrel vault roofing, skylights, architectural roofing & glazing.

Features

- Good clarity
- High light transmission
- Water & UV resistant
- Fire resistant
- Easy to fabricate
- Lightweight
- High impact resistant - virtually unbreakable
- Wide service temperature range

Applications

- Skylights
- Architectural glazing
- Covered walkways
- Safety glazing
- Machine guards
- Signage
- Light fixtures

COLOUR RANGE *(May not represent the physical product)*



PRODUCT RANGE/DIMENSIONS		
Type	Thickness	Length & Width
Clear (UV 1 Side)	1.0mm 2.0mm	2440mm x 1220mm
Clear (UV 1 Side)	3.0mm	2440mm x 1220mm 3050mm x 2030mm
Clear (UV 2 Side)	4.5mm 6.0mm	2440mm x 1220mm 2440mm x 1830mm 3050mm x 2030mm
Clear (UV 2 Side)	10.0mm 12.0mm	2440mm x 1220mm
Grey Tint (UV 1 Side)	3.0mm	2440mm x 1220mm
Grey Tint (UV 2 Side)	4.5mm 6.0mm 10.0mm	2440mm x 1220mm
Opal (UV 1 Side)	1.0mm	2440mm x 1220mm

PANEL PHYSICAL PROPERTIES	
Type	Result
Density	1.2g/cm ³
Weight (3.0mm)	3.69kg/m ²
Light Transmission	86% (clear)
Service Temperature	-75°C - +100°C
Vicat Softening Temperature	160°C - 175°C
Heat Deflection Temperature	130°C
Bending Temperature	150°C - 160°C
Expansion/ Contraction Rate	3.0mm/m
Cold Bending Radius	200 times the sheet thickness
Fire Rating	Group 1S
Cleaning	PSP Cleaner or warm soapy water & soft cloth.

NOTE: Uncontrolled in printed format.