

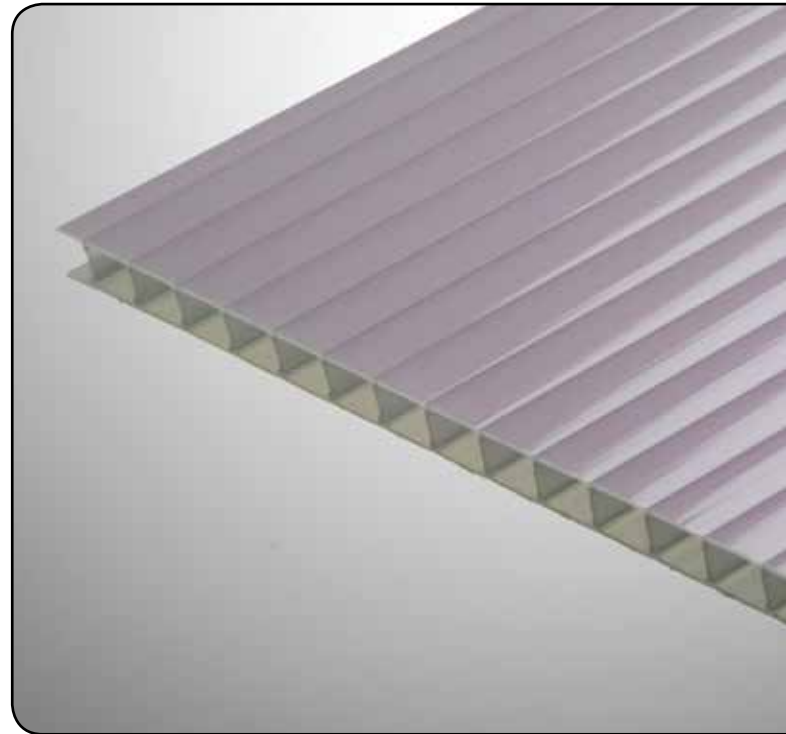
Primalite



Selective layer for multi wall polycarbonate sheets

Primalite layered sheets is fundamentally different from other sheets, which feature low, fixed blockage and reflection levels. This layer blocks over 65 % of the sun's infrared heat radiation. Primalite's selective penetration ensures that the UV and Infrared rays are screened out and cool, natural light reaches the building interior. Selective screening you can see: Primalite sheets' special light-selective pigment has a soft pinkish hue on the exterior, heat reflecting side, while the interior, light transmitting side has a soft pearly-green glow.

- Create cool, comfortable daylight interiors
- Energy-saving – for significant reductions in cooling costs
- Prevent uv damage to humans, furniture and other interior objects
- Provide optimal penetration of light to all parts of the interior
- Light and easy to install, yet strong and durable
- Weatherproof for all climates
- Smooth, attractive look



Optical Properties

Structure	Standard			Titan Sky	TRM
Thickness (mm)	8	10	16	16	32
Shading Coefficient	0.46	0.45	0.31	0.27	0.28
Solar Heat Gain Coefficient	0.39	0.34	0.27	0.19	0.24
Light Transmission by ASTM D1494 (%)	45	45	32	18	15

Air-conditioning energy savings from Primalite sheets in a mid-sized building 51 % compared to standard transparent sheets 36 % compared to Ice colored sheets

Standard Sheet Width

2100 mm for Standard structure, 1200 for Titan Sky and Thermogal

Standard Sheet Length

3 m, 4 m, 6 m
Max. length: in accordance with handling restrictions

Thermal Expansion

2.5 mm/m: Clear, Ice, NGL

Service Temperature

-40 - +120 °C

The Plazit-Polygal Group is a leading world supplier of plastic sheets, bringing together expert professionals committed to providing high quality & reliable products & solutions, designed to meet our customer's exact needs.

Polygal Plastics Industries Ltd.
polygal@plazit-polygal.com
www.plazit-polygal.com