



**Solarlite**<sup>®</sup>

High Quality Twinwall Polycarbonate Sheets

# A STATE OF ART IN TECHNOLOGY QUALITY AND BEAUTY

Since its first inception in 1981, Impack Pratama Industri has successfully established a reputation as the first, the biggest, and the most trusted manufacturer of polycarbonate sheets across Asia Pacific. With over 30 years of experience serving the transparent roofing and glazing market worldwide, Impack Pratama knows best how to ensure consistent quality for all your architectural needs.



Using only the best grade raw materials and the most advanced European technology known to date, Solarlite is the right choice when you are looking for high quality multiwall polycarbonate sheets with the highest value and cost-benefits.

Solarlite is available in various attractive colors, suiting your architectural taste preferences. Added with design flexibility, Solarlite will easily meet the needs of almost any challenging glazing applications and structures.

**“ Where quality is the new standard of roofing,  
Solarlite is the right solution for you ”**



# ADVANTAGES OF SOLARLITE<sup>®</sup> POLYCARBONATE

- Light-weight yet strong and durable
  - Outstanding weatherability
  - 250 times stronger than glass and 20 times stronger than acrylic
  - Reduce heat and sound without sacrificing any light
  - Easy to install and fabricate
  - Fire retardant
  - As transparent as glass
  - Natural lighting, electricity and energy saving
  - Environment-friendly
  - Withstand temperature changes from -20°C to 120°C
- 
- 

# HOW SOLARLITE WORKS

Solarlite reflects sunlight heat white at the same time still letting light in; allowing people underneath to feel comfortable and to enjoy sufficient light.

## APPLICATIONS

- Any architectural roofing and glazing
- Skylights, shelters, canopies, awning, walkways
- Commercial advertising panels, signage, light boxes and neon signs
- Partition and insulation panels
- Pool enclosure
- Greenhouses

### STANDARD SIZES

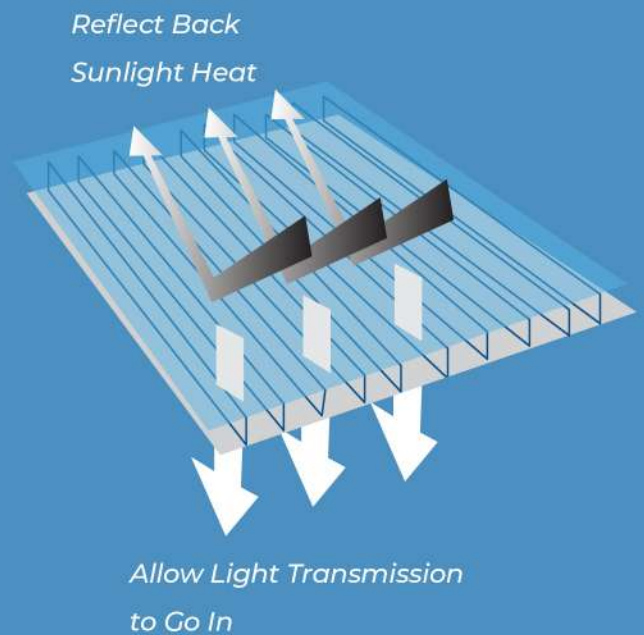
| Thickness (mm) | Width (mm) | Length (mm) |
|----------------|------------|-------------|
| 5              | 2,100      | 11,800      |

*For customize sizes, please contact us or our distributors*

### LIGHT AND HEAT TRANSMISSION

| Color            | Ligth Transmission | Heat Transmission |
|------------------|--------------------|-------------------|
| Clear            | 87%                | 80%               |
| Tosca            | 47%                | 75%               |
| Green            | 42%                | 75%               |
| Bronze           | 27%                | 70%               |
| Blue             | 25%                | 74%               |
| Grey             | 10%                | 62%               |
| Opal             | 32%                | 45%               |
| Silver Millenium | 20%                | 7.25%             |

*Above data applies for Solarlite 5 mm*



# INSTALLATION GUIDANCE

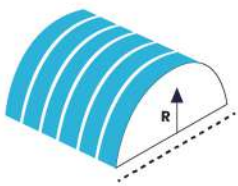
## SEALANT OCI N193

We recommend using Dow Corning Silicone sealant suitable for polycarbonate.

Please check compatibility to polycarbonate before using other sealants.

*Caution: Never use PVC gasket. PVC is not compatible with polycarbonate, and will harm the sheet. Damage caused by this will nullify the warranty.*

For bending installation, please see below radius table:



| Thickness (mm) | Minimum Radius (mm) |
|----------------|---------------------|
| 5              | 750                 |
| 6              | 900                 |
| 10             | 1500                |

## Solarlite®

High Quality Twinwall Polycarbonate Sheets

Distributed by:

 **PT Impack Pratama Industri Tbk**  
Excellence through Passion

Altira Tower 38th Floor, Altira Business Park  
Jl. Yos Sudarso Kav 85  
Jakarta 14350 - Indonesia  
PO Box 3155 / JKT 10002  
Phone : +62 21 - 2188 2000  
Fax : +62 21 - 2188 2002  
Email : export-marketing@impack-pratama.com

[www.impact-pratama.com](http://www.impact-pratama.com)

