

15 YEARS WARRANTY

SolarTuff®

Premium Corrugated Polycarbonate Roofing

Nothing beats SolarTuff®
in clarity and durability

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Premium Corrugated Polycarbonate Roofing

Impack Pratama
Excellence through Passion

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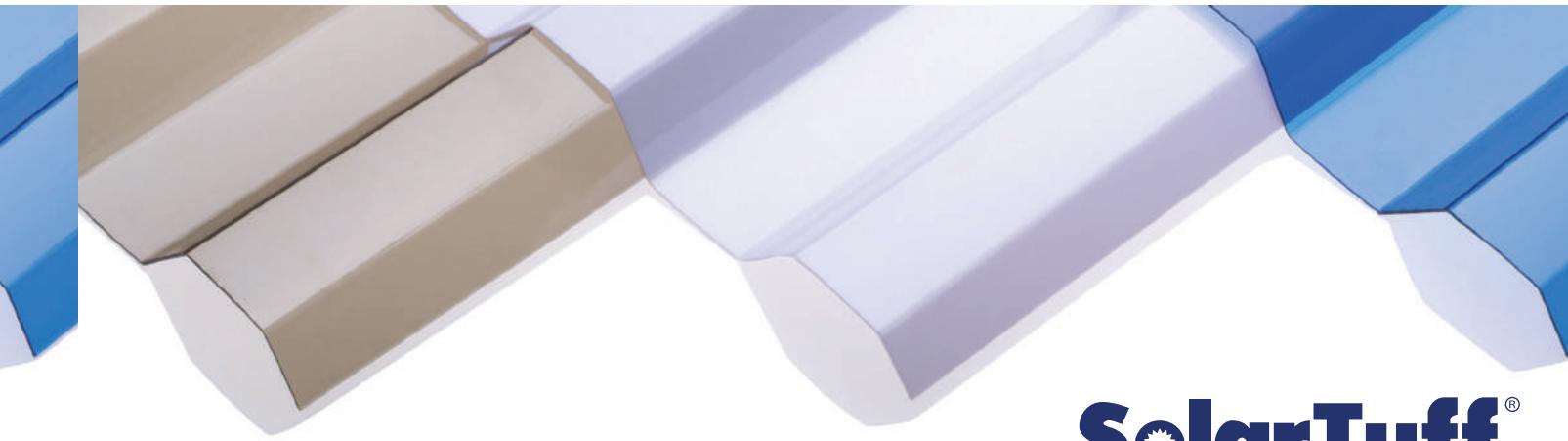
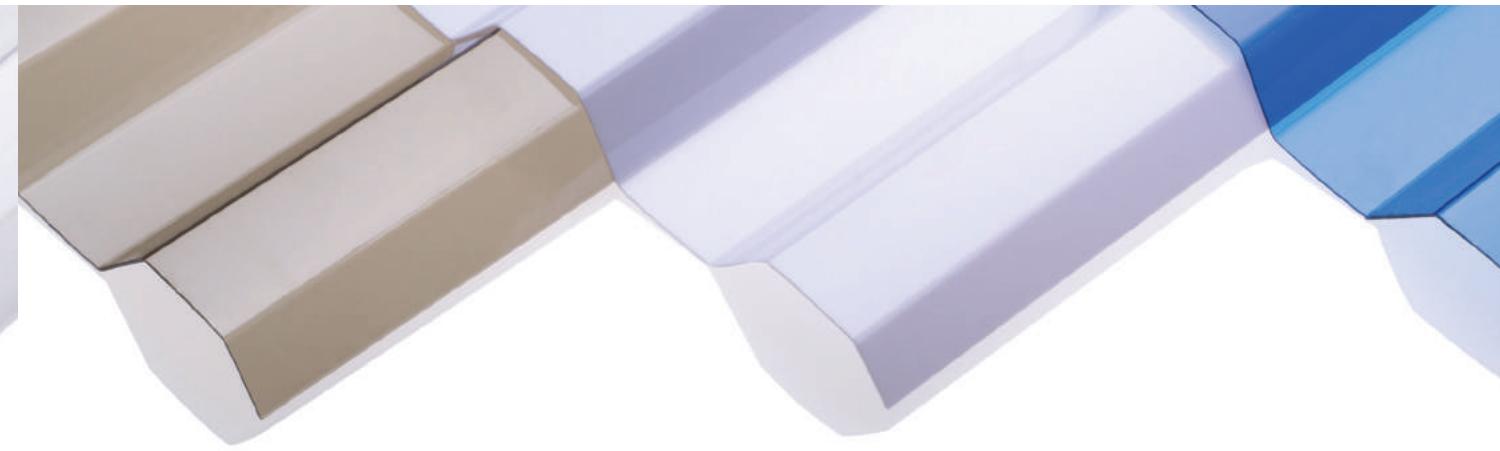
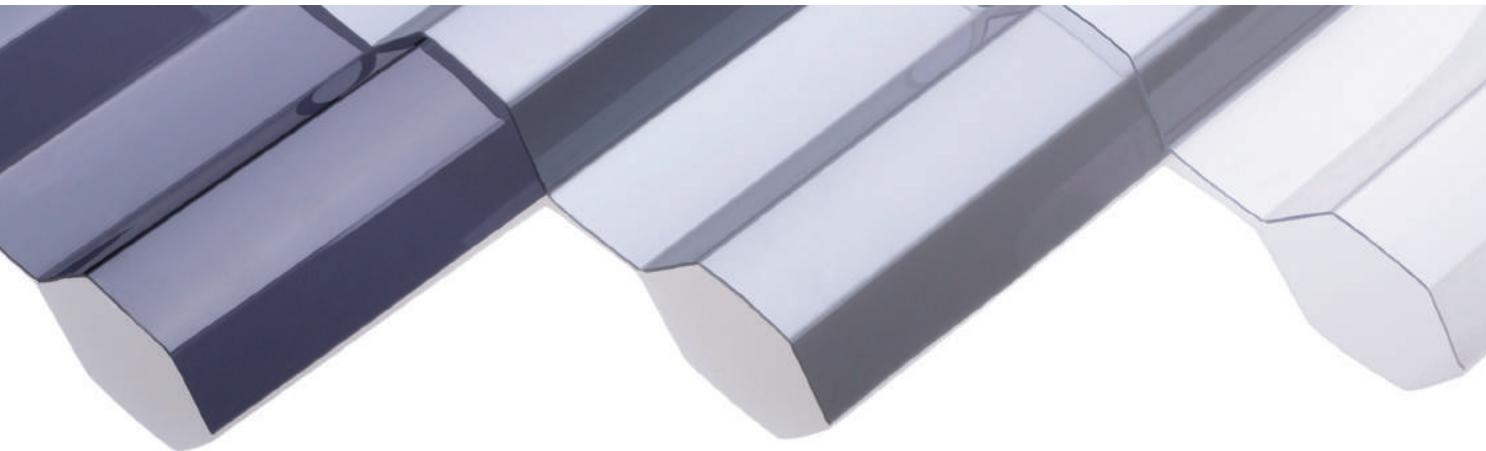
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SolarTuff®

Premium Corrugated Polycarbonate Roofing



SolarTuff® is the premium corrugated polycarbonate sheet with superior transparency and toughness, absolutely the perfect roofing and glazing solution to your architectural needs.

Engineered with the most advanced European technology, and selectively the best grades of plastic resins, SolarTuff® comes in light-weight, yet virtually unbreakable characteristic, qualifying itself to withstand severe weather condition and unpredictable climate changes.

GENERAL PROPERTIES

- 250 times stronger than glass and 20 times stronger than acrylic.
- Reduce heat without sacrificing light transmission.
- Natural lighting, electricity and energy saving.
- Environment-friendly.
- As transparent as glass.
- Easy to install and fabricate.
- Fire retardant.
- Withstand temperature changes from -20°C to 120°C.

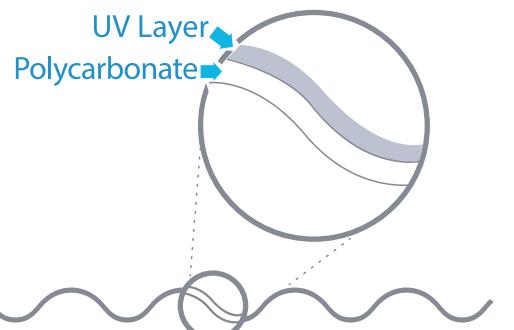
YOU CAN BE YOUR OWN ARCHITECT

On top of it all, easy installation, high design flexibility and various attractive colors make SolarTuff® the perfect roofing and glazing secret to express your unique design and architectural creativity and imagination.

APPLICATION

- SolarTuff® is ultra-violet layered, which suits many applications like :
- Green House
 - Swimming Pool
 - Gazebo
 - Canopy
 - Carport
 - Cladding
 - Skylights
 - Terrace
 - Pergolas
 - Skyroofing
 - Industrial structures

Caution : Please avoid the use of thinner, gasoline or strong acid.



SolarTuff® adalah lembaran polycarbonate bergelombang, dengan desain yang elegan, sangat kuat dan liat, serta bening seperti kaca. Solusi atap yang sempurna untuk memenuhi berbagai kebutuhan arsitektural anda.

Dengan memadukan teknologi termutakhir dari Eropa dan bahan baku yang terbaik, menciptakan SolarTuff® yang begitu ringan, sangat kuat dan tidak mudah pecah, serta tahan terhadap kondisi cuaca yang buruk dan perubahan iklim yang tidak menentu.

KEUNGGULAN

1. Solartuff® is equipped with UV protection layer. Always install SolarTuff® with the UV protected surface to the sun. For easy identification, a label indicating the non-UV side has been placed on the underside. Ensure the labeled side of the sheet is identified before cutting as it is not possible to determine the UV protected side once the sheet is cut.

INSTALLATION

1. Please overlap each sheet of SolarTuff® minimum at 10 cm from sheet length direction and minimum one corrugation to either sides (left & right).

Caution : wrong side installation will void the warranty.

2. The maximum overhang distance is 100 cm for SolarTuff®.
3. The maximum overhang distance is 100 cm for SolarTuff®.

4. SolarTuff® is installed with rust proof fasteners and weather seals for each bar structures and drill holes at range of 3 mm - 5 mm from the diameters of fastener. This will allow for thermal expansion during noon time and contraction at night.

JADILAH ARSITEK BAGI DIRI ANDA SENDIRI

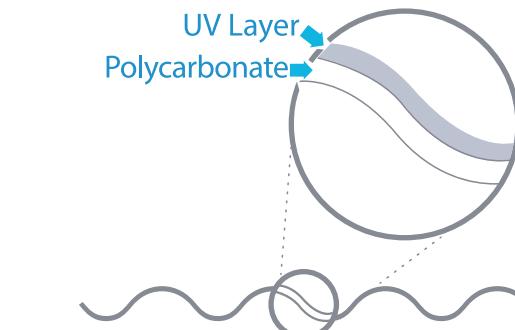
Pemasangan yang mudah, desain yang fleksibel dan pilihan warna yang menarik, menjadikan SolarTuff® pilihan yang sempurna untuk mewujudkan impian kreatifitas dan keunikan desain arsitektural anda.

APLIKASI

SolarTuff® dilengkapi dengan lapisan pelindung ultraviolet, cocok untuk diaplikasikan sebagai :

- Rumah Kaca
- Kolam Renang
- Gazebo
- Canopy
- Garasi
- Cladding
- Atap
- Teras
- Pergolas
- Atap Transparan
- Bangunan Industrial

Perhatian : Hindari dari bahan kimia tertentu seperti thinner, bensin, dan asam kuat.



PEMASANGAN

1. Solartuff® dilengkapi dengan lapisan permukaan UV. Pasang SolarTuff® dengan permukaan UV menghadap sinar matahari. Permukaan tanpa UV ditandai dengan label non-UV side. Pastikan hal ini sebelum pemasangan, karena setelah pemasangan akan sulit untuk membedakan permukaan UV dan non-UV.

Perhatian : Garansi tidak berlaku jika pemasangan terbalik.

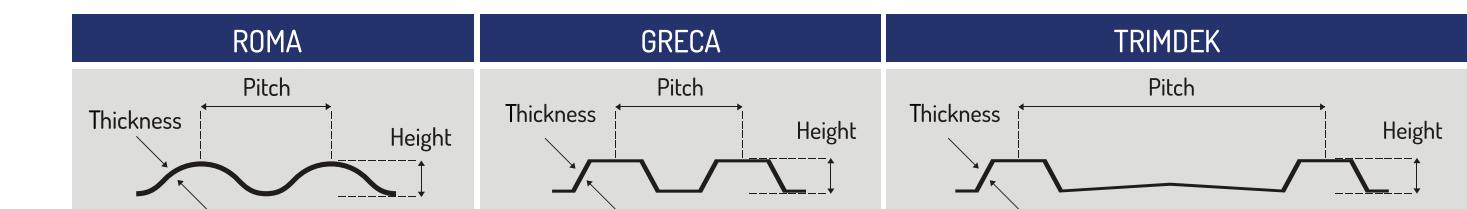
2. Tumpangan sambungan SolarTuff® minimum 10 cm kearah memanjang dan minimum satu gelombang kearah samping.

3. Jarak antara sekat penyangga dianjurkan maksimum 100 cm untuk SolarTuff®.

4. SolarTuff® dipasang dengan baut anti karat dan seal tahan cuaca pada tiang penyangga dengan memperbesar lubang baut pada SolarTuff® sebesar 3 mm sampai 5 mm dari diameter baut. Hal ini untuk menyediakan ruang antara baut dan permukaan SolarTuff® jika terjadi pengembangan dan penyusutan SolarTuff® karena perbedaan temperatur siang dan malam hari.

STANDARD SIZE

SolarTuff® Premium Corrugated Polycarbonate Roofing	Thickness / Tebal (mm)	Width / Lebar (mm)	Effective Width / Lebar Efektif (mm)	Height / Tinggi (mm)	Pitch / Jarak Antar Puncak (mm)	Length / Panjang (mm)
ROMA	0.8	860	760	18	76	1800, 2400, 3000, 3600, 4200, 6000
GRECA	0.8	820	760	18	76	*Customized length for export
TRIMDEK	0.8	830	762	29	190.5	6000



COLOR AVAILABILITY :



Light Transmission %	89%	36%	47%	14%	24%	13%	46%
Heat Transmission %	67.65%	31.72%	48.76%	33.87%	52.93%	2.55%	2.74%

Comfort level under SOLARTUFF



Light level under SOLARTUFF

