

SKYLITE® FLAT

POLYCARBONATE FLAT-TYPE MULTIWALL SHEET



SKYLITE® FLAT is two sides UV protected multiwall sheet which provides thermal insulation, high impact strength, light weight and excellent transparency. It is used in various kinds of construction, industry, interior for roofing, skylites and partition because of easy and fast installation. SKYLITE® FLAT is available in range of thickness and various colors not only clear, opal white but also other 5-6 colors.

KEY BENEFITS OF SKYLITE® FLAT

- **GOOD THERMAL INSULATION**

SKYLITE® FLAT construction traps air between the layers, which ensures outstanding thermal insulation performance.

- **UV PROTECTION**

SKYLITE® FLAT has on both sides proprietary UV-protected surface, giving excellent resistance to outdoor weathering.

This protection ensures long-term optical quality under intensive UV exposure, and maintains the superior toughness of the superior toughness of the polycarbonate material.

- **HIGH TRANSPARENCY**

The SKYLITE® FLAT has the highest transmission in the visible light. This useful high transparency can provide sunlight came in to building through SKYLITE® FLAT.

- **LIGHT WEIGHT**

An outstanding balance of low weight and high stiffness enables lightweight structures with greater spans to be designed and easily installed.

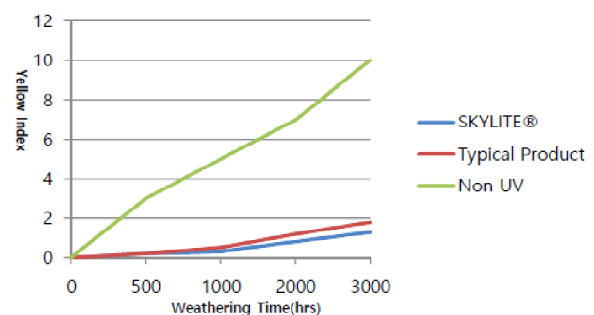
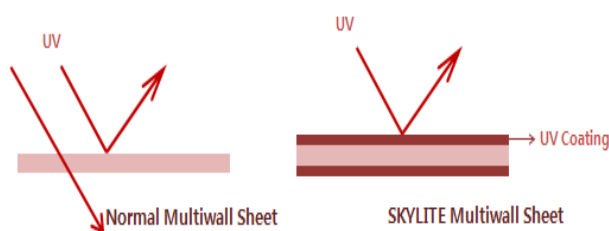
- **EASE OF INSTALLATION**

It can be easily cut on site using conventional tools and can be cold-formed into tight radii without pre-forming.

Material wastage is minimal as the sheet will not crack or split when cut, sawed or drilled.

- **FIRE PERFORMANCE**

SKYLITE® FLAT has good fire behavior characteristics, and receives high ratings in several major European fire performance tests.



TYPICAL APPLICATIONS

- Industrial Roofs and Sidewalls
- Commercial Greenhouses
- Swimming Pool and Conservatory Roofing
- Domes & Canopies
- Railway/Metro Station
- Office Partitions



STANDARD COLOR

Color	Color No.
CLEAR	00
OPAL WHITE	03
DARK GREEN	13
SKY BLUE	21
BROWN	40
BLUE SMOG	44
METAL GRAY	80



STANDARD SPEC.

Structures	Model	Weight (Kg/m ²)	Radius (mm)	Thickness (mm)	Width (mm)	Length (mm)
Double wall 	SR2U	1.3	1,050	6	1,220 / 2,100	Order Made
		1.7	1,750	10		
Triple wall 	SR3U	2.7	2,800	16	1,220 / 2,100	Order Made
		3.2	3,500	20		
Four wall-X 	SX4U	1.6		8	1,000 / 2,100	Order Made
		1.9		10		
Five wall-X 	SX5U	1.9	2400	10	1,220 / 2,100	Order Made
Seven Wall 	SR7U	2.7	3,040	16	1,220	Order Made
		3.4	4,750	25		

* The above information is typical values only, not for warranty purpose.

SKYLITE® SYS


SPOLYTECH

 SPOLYTECH

SEOUL OFFICE / TRADE TEAM

No. 2001 20th Fl, Twin Tower-A, 275-3,
Yangjae-dong, Seocho-gu, Seoul,
137-944 Korea

T +82-2-572-6996

F +82-2-577-0458

E trade@spolytech.com

POLYCARBONATE SYS-TYPE MULTIWALL SHEET

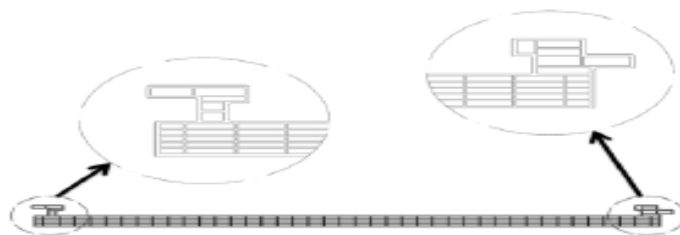
SKYLITE® SYS has the extraordinary properties of standard multiwall sheet. It can be installed easy and fast because of excellent properties which are resulted in a snap-on system. SKYLITE® SYS is available in clear and opal white. It is used in swimming pools, various building roofs and interiors.

KEY BENEFITS OF SKYLITE® SYS

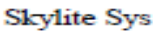
- Excellent visible light transmission rate and diffusion of light
- Both sides UV protective layer provide excellent weather resistance
- High impact resistance and heat insulation
- Easy and fast installation
- Possible to use as Exterior and Interior material depends on regulation of each country
- Round and inclined structure enable using proper assembly accessories
- Excellent exterior design flexibility for each type of building design and exterior decoration

TYPICAL APPLICATIONS

- Swimming pool covers
- Industrial roofing
- Commercial and stadium roofing
- Walk-ways
- Play ground & Factory



SKYLITE® SYS SPEC.

Structures	Model	Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m ²)	Radius (mm)
 	SR6US	16	600	Order Made	3.3	4,000

SKYLITE® CLICK

POLYCARBONATE CLICK-TYPE MULTIWALL SHEET



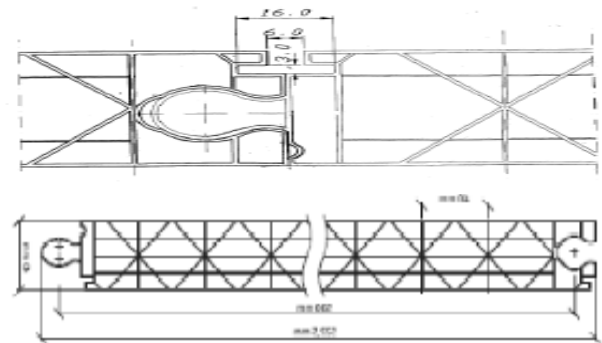
SKYLITE® CLICK sheet system is an impact and weather resistant energy saving multiwall sheet system with a profiled tongue and groove connection, joint cover on the outside and groove for double sided tie on the inside. These excellent properties result in a click system which has a high stiffness and is therefore easy and fast to install.

KEY BENEFITS OF SKYLITE® CLICK

- Save the energy with excellent heat transmission coefficient
- Easy and fast installation
- Both sides UV protective layer provide excellent weather resistance
- Light weight but high impact resistance

TYPICAL APPLICATIONS

- Industrial Roofs and Sidewalls
- Commercial Greenhouses
- Sunroom
- Swimming Pool and Conservatory Roofing
- Shopping Center Roofing
- Railway/Metro Station
- Football Stadium Roofing



SKYLITE® CLICK SPEC.

Structures	Model	Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m')	Radius (mm)
	SX9UC /SX9UCE	40	500	Order Made	4.1	-

* The above information is typical values only, not for warranty purpose.



SEOUL OFFICE / TRADE TEAM

No. 2001 20th Fl, Twin Tower-A, 275-3,
Yangjae-dong, Seocho-gu, Seoul,
137-944 Korea

T +82-2-572-6996

F +82-2-577-0458

E trade@spolytech.com

SKYLITE® WING

POLYCARBONATE WING-TYPE MULTIWALL SHEET



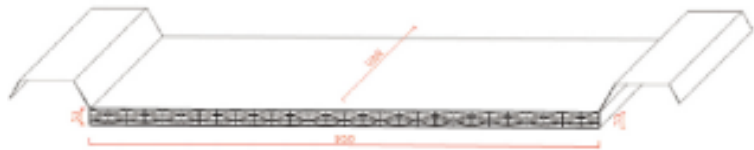
SKYLITE® WING has the extraordinary properties of standard multiwall sheet. It can be installed easy and fast between AL sandwich panels. SKYLITE® WING is available for using to skylights of warehouse or facilities. And it can be help to electric power saving.

KEY BENEFITS OF SKYLITE® CLICK

- X Structure polycarbonate multiwall sheet
- Excellent visible light transmission rate and diffusion of light
- High impact resistance and heat insulation
- Possible to be assembled with existing multiwall(sandwich) panel
- Possible to use all thickness by changing 100/125/150mm assembly accessory

TYPICAL APPLICATIONS

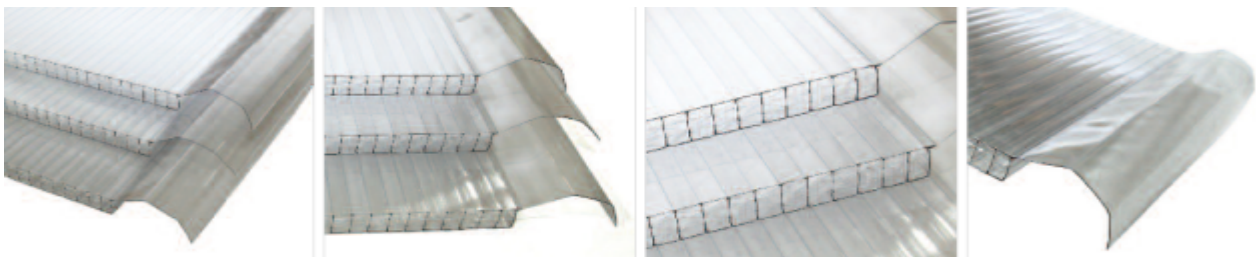
- Factory and Warehouse roofing
- Stadium roofing
- Shopping Center roofing
- Railway/Metro station
- Other large architectural projects



SKYLITE® WING SPEC.

Structures	Model	Thickness (mm)	Width (mm)	Length (mm)	Weight (kg/m ²)	Radius (mm)
	SR7UW	25	970	Order Made	3.3	-

* The above information is typical values only, not for warranty purpose.



SEOUL OFFICE / TRADE TEAM

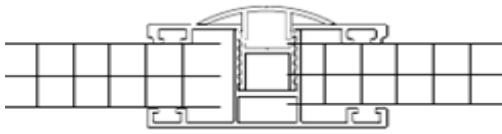
No. 2001 20th Fl, Twin Tower-A, 275-3,
Yangjae-dong, Seocho-gu, Seoul,
137-944 Korea

T +82-2-572-6996

F +82-2-577-0458

E trade@spolytech.com

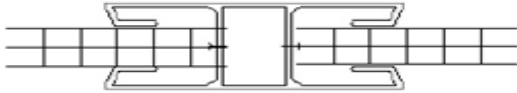
ACCESSORIES FOR FLAT TYPE



AI Cap (SMAC10, 16)



AI Upper Connect Bar (SMAU10, 16)



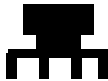
AI Lower Connect Bar (SMAD10, 16)



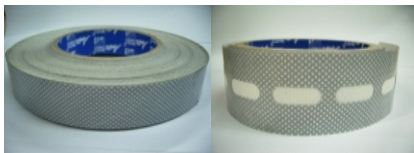
AI H Bar (SFAH10, 16)



AI End Bar(SMAE10 , 16)

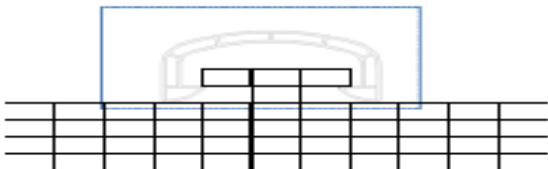


EPDM Gasket



Anti-Dust Tape

ACCESSORIES FOR SYS TYPE



PC Cap (SSPC16)



AL Joint Bar (SSAJ16)

ACCESSORIES FOR CLICK TYPE



AL Joint Bar (SCAJ40)

PHOTOS OF APPLICATION

