



EXCELITE PLASTIC LIMITED

Add: Lane 60, Dong Chen Tower, MuDan Road, Shanghai

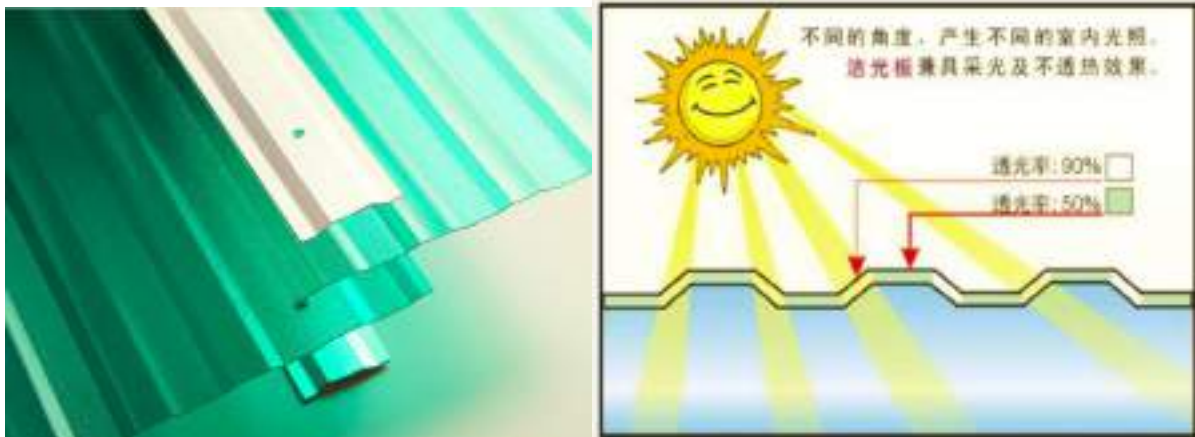
Tel:(86)13917045239 Fax:(86)021-61562921

www.exceliteplas.com

Softlite polycarbonate corrugated sheet

Overview:

Softlite Polycarbonate corrugated sheet combines polycarbonate corrugated structure and polycarbonate embossed texture. It's thin and strong, Corrugated PC sheet structure enhances the impact resistance of PC sheet. Embossed PC sheet texture reduces light transmission and heat penetration, makes the indoor vision more tenderer. The combination of the embossed and smooth surface have a special effect. The rays through the embossed surface directly when it's the strongest in the daytime, the light transmission is 50%, in this way, the interior would be with enough luminous and less heat. The rays slanted through the smooth surface when sunshine is weak, the light transmission is 90%. It makes the whole daytime light soft.



Main Benefits:

1, Impact resistance better than PC solid sheet and hollow sheet.

Can against Hail more than hollow sheet

2, Thickness between 1mm-3mm, Width 1260mm and comes in roll at 50 meters long can cover larger surfaces without doing laps, make it more fixable for your installation,

3, Anti-static function. Tiny embossed patterns in intervals on both sides of the PC sheet with corrugate, designed to enhance the tenacity and anti-static function of the sheet.

4, Easy to install. You have no need to change your construction way.

Although the regular corrugated sheet is rigid and can be collocated into steel construction factory for lighting, the defect for it is can't be installed on curve bone

frame. Our Softlite PC sheet has the same design on the surface with regular corrugated sheet but without the defect on the installation. Normally, softlite PC sheet need less framework than other products.

5, Self cleaning. Softlite PC sheet can clean itself when it's rain, and the snow also can slid from the groove.

6, Save the space in the container, save sea freight, easy for demostic transportation.

7, Bending radium is much smaller than hollow sheet. You can bend Softlite more than hollow sheet. It's more stronger on curve Skylight.

8, Color: Clear, Blue, Green, Yellow, Red, Bronze

9, Easy for transportation

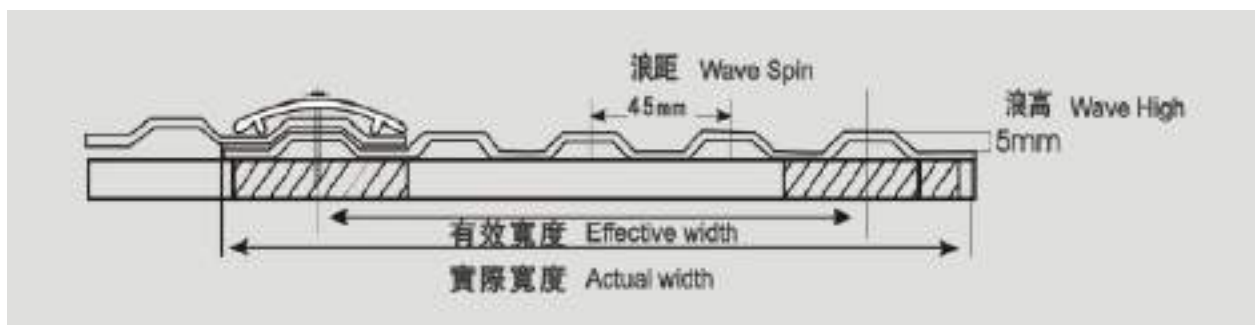


Typical Applications

- Roofing light sheet and sunshade for building
- Skylight, lighting for corridors, balcony, passages, and subway entries, walkways.
- Conservatories, agricultural greenhouse, zoos, botanical gardens.
- Industrial roofing and glazing
- Natatorium Swimming pools roofing/cover/sheet
- Stadiums, Hospitals, School

Specification				
Width(mm)	Grooves	Max. Length	(mm) Thickness	Color
1080	24	50m	1-3mm	Clear, Blue, Green, Yellow,
1260	28			Red, Bronze

Section of Soflrite polycarbonate corrugated sheet



Section of Soflrite polycarbonate corrugated sheet

The Comparison list of Soflrite PC Sheet with other products:			
Items	PC Solid sheet	PC hollow sheet	SOFTLITE
1. Impact Resistance	medium	low	high
2. Bending radium	Small	Big	Small
3. Rigidity	low	high	medium
4. Light transmission(Clear)	87%	78%	58%
5. Heat Isolation	Bad	good	good
6. Dust Stickiness	high	high	low
7. Commercial Value	medium	medium	excellent
8, Installation	medium	medium	Simplest
9, Freight	low	high	low

Projects
1, Skylights



2, Project in Philippine



3, Project in China







Project in Guizhou China

