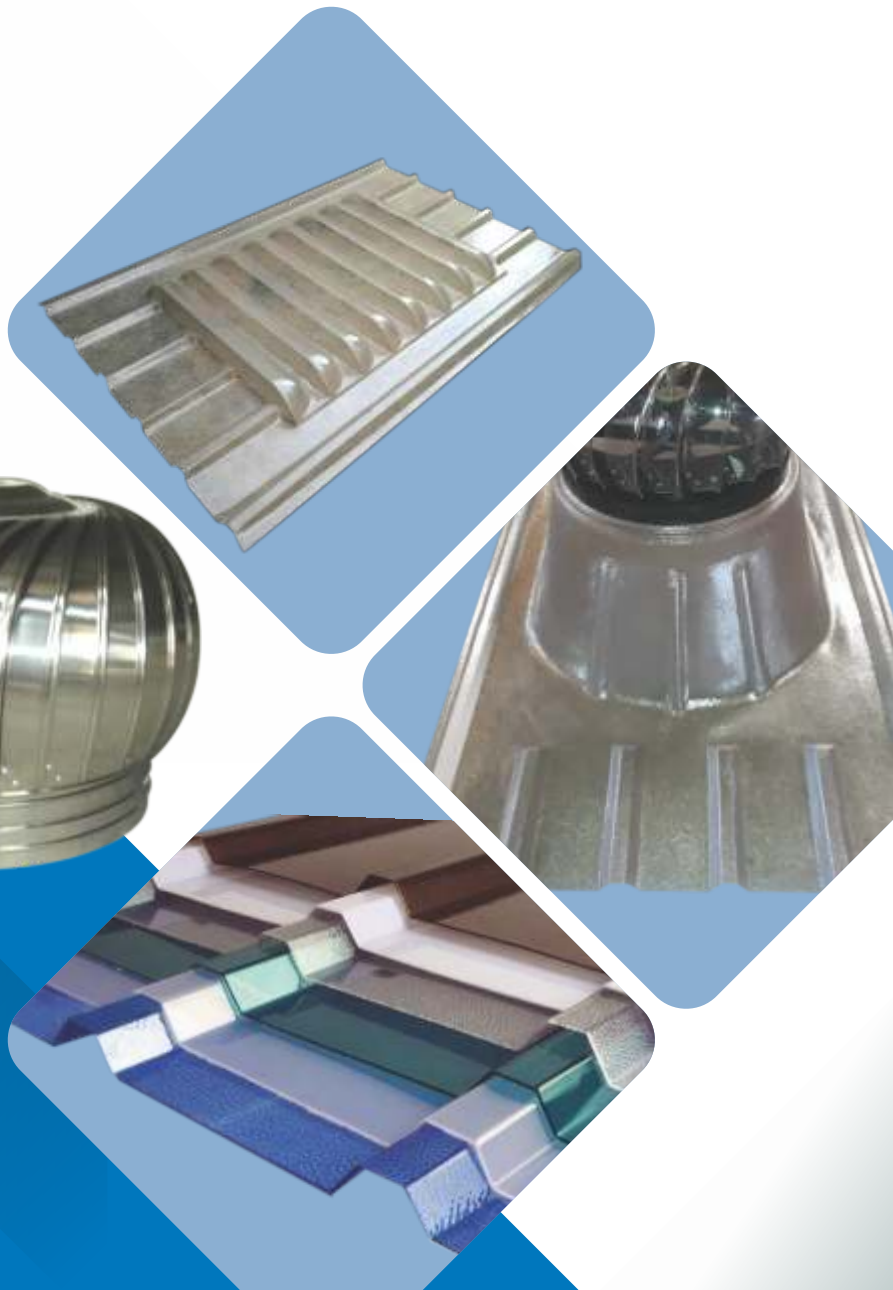




Profiler of Polycarbonate Roofing Sheets for
Industrial, Commercial, Residential & Institutional Structures

ROOFING SOLUTIONS FOREVER



- Polycarbonate Roofing Sheets
- Polycarbonate Base-Plates
- S.S. Roof Turbo Ventilator
- Polycarbonate Louvers



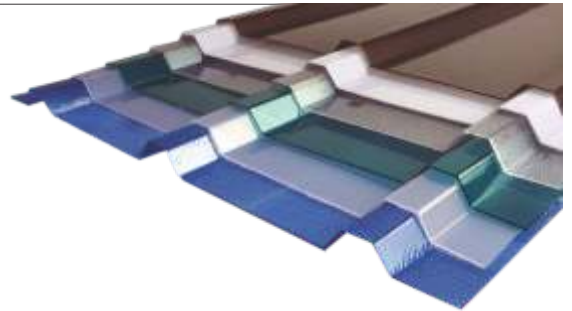
Poly Light Trading Company is one of the most trusted brand in the field of Roof Top Solutions. With our continuous R & D process we are committed to introduce innovative and advanced range of products with a promise of strength, speed and Quality.

We offers a complete range of world-class Products for innovative Roofing solutions for pre-engineered buildings for the industrial & commercial sector.

Polycarbonate Profile Sheets

We are profiler of high quality Polycarbonate Profiled / Corrugated Sheets for skylight & north light glazing applications. We offer profiles matching to an extensive range of conventionally used metal profiled sheets. We also provide flexibility in terms of dimensions, in order to suite the wide range of applications.

Polycarbonate Sheets for Skylights are increasingly being used for harnessing sunlight during daytime. Which eliminates the need for artificial lighting and reduces power consumption significantly. These sheets consequently reduce emissions of green house gases which are emitted to generate electric power and help to make atmosphere clean & our planet green.



Features of Polycarbonate Sheets

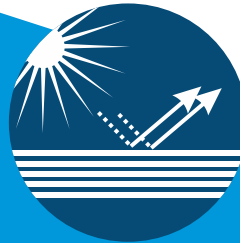
- Excellent Light Transmission (Upto 89%)
- High Impact Strength (Virtually Unbreakable)
- Weather Resistant - UV Co-extruded Protection
- Fire Retardant - Self Extinguishing Grade
- Available in Long Lengths - (Upto 7.50 Metres)
- Light in weight, hence easy to handle & install
- Can be easily cut & drilled with conventional tools
- Flexible - Can be cold curved

**High Impact Strength
(Virtually Unbreakable)**

**Excellent Light Transmission
(Upto 89%)**

**Weather Resistant -
UV Co-extruded Protection**

**Fire Retardant
Self Extinguishing Grade**



Polycarbonate Base-plates

Base-plates are custom formed polycarbonate sheets to match the profiles of various types of roofing sheets and with a central cone to facilitate the mounting and fixing of wind powered ventilators.

While these base-plates provide ease of installation on the roof, they also offer a wide range of other benefits :



Base-plates are available in standard width of most Industrial profiles in regular use and in a standard length of 1.70 Meters.

The base-plates are made from 2mm thick Polycarbonate embossed sheets.

Features of Poly Carbonate Base plates

- Allow Natural Light to enter the Building or Shed during daytime thereby helping to reduce the use of artificial lighting. This reduces cost of electricity.
- Are virtually unbreakable and hence can be stored, transported & handled easily.
- Fire-retard ant (Self-extinguishing) material hence does not contribute to fire risk.
- The base-plates are resistant to UV Radiation of the sun and hence are weather resistant and durable, lasting for along time.
- They are available in matching profile with most conventionally used roofing profiles for easy overlapping and water-tight installation.
- They are economical and provide value-for-money long term benefits.

Turbo Ventilator

Importance of Ventilation

The air inside factory shed or building becomes very hot and humid without proper ventilation, leading to unhygienic conditions, deterioration in quality of materials stored, restlessness and other undesired effects on workers like illness, allergies and general loss of efficiency..

Turbo Ventilators are rotary devices to pull out warm and stale air in warm months and moist air in cold months. It also helps in removing harmful carbon dioxide gas and other unwanted fumes and replacing them with fresh air. Having fresh air in a closed building system is ideal & necessary for a good & efficient working environment.

Features of Turbo Ventilators

- Globally accepted Technology.
- System operates on wind power without electricity resulting in '0' running cost. They run on external wind velocity and they work 24 hours a day and 365 days a year. It doesn't require any kind of maintenance once installed and there are no chances of accidents like fire due to short circuit or electrical shocks.
- Aerofoil Blades to deflect water and dust.
- Dynamically Balanced for frictionless rotation even at lowest wind velocity.
- The base plates used with Ventilators provides natural light during day time, thus reducing lighting load.
- Increases productivity by promoting healthier and more comfortable working environment through proper ventilation.
- Totally weatherproof.
- SS structure is durable & maintenance free.
- Can be Installed on all kinds of roofs.
- Available in 24" dia., SS with PP base ring.



Polycarbonate Louvers



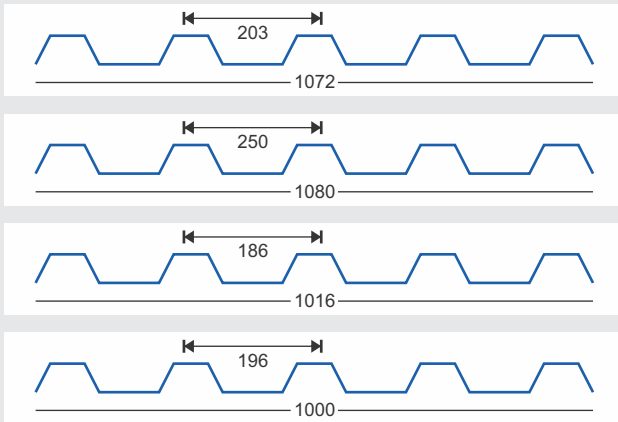
Features of Louvers

- Louvers play an important role in ensuring effective ventilation of a building or shed. Wind-driven ventilators or exhaust fans suck out stale air from within the building or shed. This causes a drop in pressure within the building. Louvers provide the vents from which fresh air can enter the system and provide effective circulation of air.
- In the absence of louvers, there would be a drastic drop in the efficiency of ventilators or exhaust fans.
- Polycarbonate Louvers are available in matching profile with all conventional industrial roofing profiles to ensure ease of installation along with vertical cladding sheets.
- They ensure proper circulation
- Provide daylight thereby reducing power consumption for lighting during day time.
- They are durable, virtually unbreakable and weather resistant. natural light during day time, thus reducing lighting load.
- They are resistant to high temperature and last long.
- Polycarbonate Louvers are available in profile & width matching to conventional Industrial profiled sheets used for cladding. These louvers are available in standard length of 1.7 Meters.
- The Louvers are made from 2mm thick Polycarbonate embossed sheets.



Polycarbonate Profiles

We offer a wide range of matching profiles in Polycarbonate. For reference some profiles photos here.



...and Many More

We at Polylight Trading Co use the most advanced processing technique and modern machinery designed to suit forming of polycarbonate sheets to ensure accurate dimensions and perfect profile matching, while ensuring that the sheets are in prime condition to with-stand weather, wind loads and mechanical stresses for the longest period of time. We process prime quality of polycarbonate sheets with Co-extruded UV protection and manufactured from virgin polymers to ensure that our customers get the best products which have been engineered to perfection.



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