



**BRINGING GLOBAL
TECHNOLOGY AT YOUR DOORSTEP
WITH QUALITY PRODUCTS AND RELIABILITY**

- ▶ Polystyrene Sheets (GPPS)
- ▶ Cast Acrylic Sheets
- ▶ Polycarbonate Sheets (PC)
- ▶ Extruded Acrylic Sheets (PMMA)
- ▶ Polypropylene Sheets (PP)

About us

AKMY Polyplast LLP. is one of the key manufacturers of Polymer Products such as Polystyrene sheets (GPPS), Polycarbonate sheets (PC) and Extruded Acrylic sheets (PMMA). With the help of advanced automotive Extrusion Technology, we are also one of the largest manufacturers of Pre-Engineered Buildings (PEB) widely used for commercial, residential and industrial sectors.

We at AKMY Polyplast LLP, have a State-of-the-Art-Manufacturing facility along with a capacity of 15,000 MTPA and ISO 9001 : 2015 Accreditation Certification, being located at HSIIDC Sonipat, Haryana and having our corporate office in New Delhi.

Our key team has an extensive experience of more than 40 years in the Polymer Industry and keen expertise in the area of Production. We consistently provide high quality products yet at very competitive terms with the help of our skilled and passionate workforce using German technology. We ensure timely delivery and completion of the projects within stipulated timeframe.

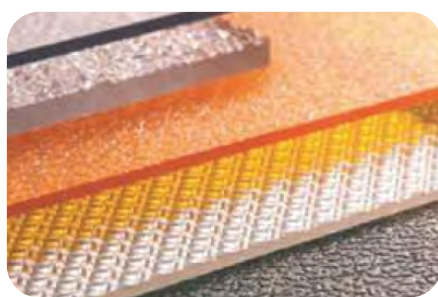


Product Range

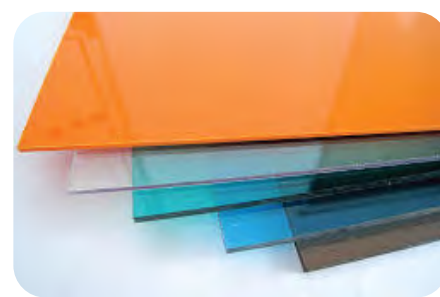
Polystyrene Sheets (GPPS)	Polycarbonate Sheets / Roll (PC)
Cast Acrylic Sheets	Extruded Acrylic Sheets (PMMA)
Pre-Engineered Buildings (PEB)	PC Turbo Ventilator Base Plate & Accessories
GPPS Texture Sheets	Acrylic / PS Mirror Sheets
PC Corrugated / Profile Sheets	PC Embossed / Diamond / Prism Sheets / Roll
PC Multiwall Sheet	Polypropylene Sheets (PP)



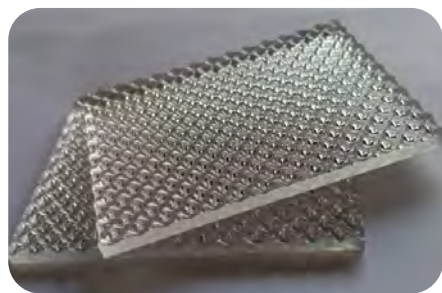
Polystyrene Sheet(GPPS)



Polycarbonate Compact Sheet



Cast Acrylic Sheet



Extruded Acrylic Sheets (PMMA)



Pre-Engineered Building (PEB)

AKMY POLYSTYRENE SHEETS (GPPS)

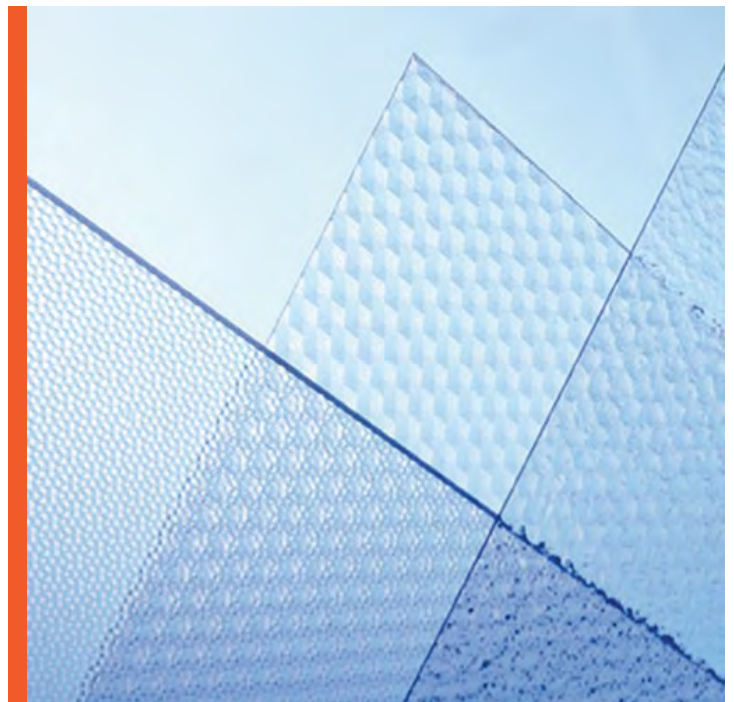
AKMY Extruded GPPS Sheets having crystal clear compact appearance, are stronger than glass with excellence transparency, which makes them to be easily used for fabrication and installation purpose. Our GPPS sheets are lighter than glass, and offer light transmission of up to 90%. Extruded PS sheets are cost effective, easy to cut into ideal shape and size which can be processed by a CNC / Router as per the required design.

AKMY Extruded GPPS Sheets are chemically resistant and offer good electrical Insulation. Despite being cheaper than other material like - Glass & Acrylic, yet GPPS sheets are widely used in similar applications. AKMY GPPS Extruded Sheets are eco-friendly and safe for our environment, and also offers an excellent optical clarity, high transparency, strong rigidity, good dimensional stability to heat, high strength and low moisture absorption.

Details	Description
Type	Compact, Embossed, Rain Drop, Karatachi, Prism, Ice Crush, Star
Colour	Clear, Opal, Black, Smoke, Green, Blue, Red, Orange, Yellow, 010
Thickness Range	1.0 - 12.0 mm
Dimension	2440*1220 mm, 1830*1220 mm, 1220*915 mm, and other as customized
Surface Protection	Masking Brown Paper / PE Film

Applications

- ▶ Signage Industry
- ▶ Advertising Industry
- ▶ Interior Decoration
- ▶ Office and Interior Partition
- ▶ Glazing
- ▶ Ceiling Lighting
- ▶ Door/Window Panels
- ▶ Display
- ▶ Showcases and photo frames
- ▶ Advertising Light Box
- ▶ Sliding & Bathroom Doors
- ▶ Lettering & Fabrication
- ▶ Exhibition Booth/Stand



Technical Properties

Property	Test Method	Unit	Values
Density	ASTM D792	g/cm ³	1.05
Light Transmission	ASTM D1003	%	89
Water Absorption	ASTM D570	%	<0.1
Yield Stress	ISO 527	MPa	16
Tensile strength at break	ASTM D638	MPa	>35
Modules of Elasticity	ISO 178	MPa	1500
Vicat B Temperature	ASTM D1525	°C	90
Impact strength 23°C / - 30	ISO 179/1eU	kJ/m ²	40/30
Specific Heat		kJ/kg*K	1.2



AKMY POLYCARBONATE SHEETS (PC)

AKMY Polycarbonate Sheet is one of the best and most suitable products widely used for roofing, glazing and industrial applications. Our PC sheets come with crystal clear transparency, excellent impact strength, low scratch resistance and 200 times stronger and lighter than glass, which can be easily thermoformed or bend in any shape and size.

AKMY Polycarbonate sheets are virtually unbreakable, UV stabilized and fire retardant comes with 10 years Limited warranty*. Our PC sheets offer tremendous toughness at high temperature resistance, making them ideal to be used across various diverse segments like Automotive, Aircraft, Railway, Construction Industry and other key security components.

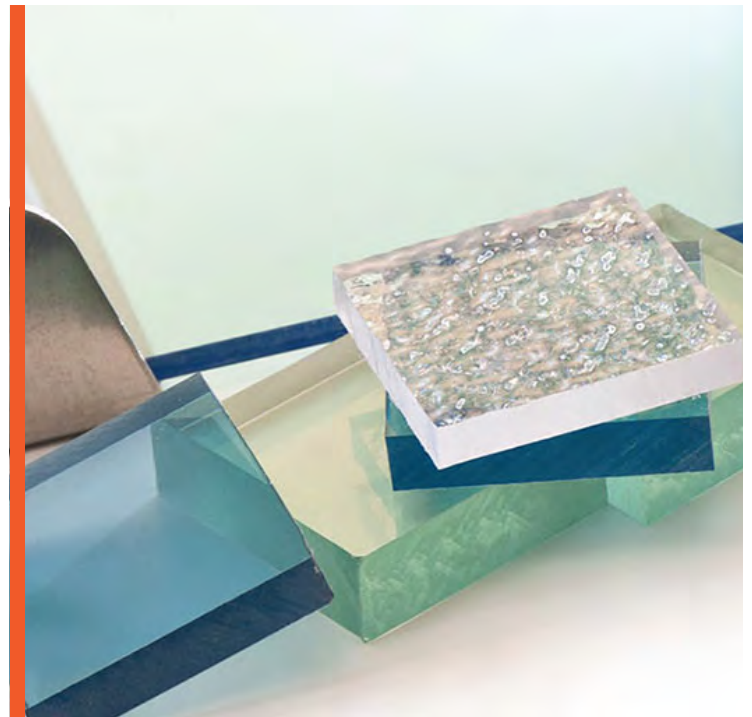
AKMY Polycarbonate comes in both Roll and sheet form in solid / compact as well as in different textures like Embossed, Diamond and Prism with a wide range of colour and sizes.

The quality of Advance Extrusion and upper grade of virgin material that's come with more properties, makes our product better than other manufacturer.

Details	Description
Type	Compact, Embossed, Diamond, Prism.
Colour	Clear, Opal, Bronze, Green, Blue, Lake Blue, Metallic Grey
Thickness Range	Sheet (1.0 - 12.0 mm) & Roll (1.0 - 4.0 mm)
Dimension	Sheet (8*4 ft, 6*4 ft) & Roll (Width 3-7 ft & Length 100 ft)
Surface Protection	Masking PE Film

Applications

- ▶ Building and construction
- ▶ Signage and advertising
- ▶ Thermoforming and machining
- ▶ Printing and fabrication
- ▶ Defence and security Glazing
- ▶ Sound/Noise Barrier
- ▶ Sky Lighting
- ▶ Swimming Pool and Green House
- ▶ Foot over bridge/walkway
- ▶ Aerospace and Rail
- ▶ Exhibition Booth/Stand
- ▶ Parking shed and Bus Shelter
- ▶ Shopping Complex and mall
- ▶ Digital advertising and glow sign board



Technical Properties

Property	Test Method	Unit	Values
Density	ASTM D792	g/cm ³	1.2
Light Transmission	ASTM D1003	%	89
Water Absorption	ASTM D570	%	0.35
Flexural Strength	ASTM D790	MPa	90
Heat Deflection (HDT)@264psi	ASTM D648	°C	125
Tensile strength	ASTM D638	MPa	60-70
Forming Temperature	-	°C	185 – 205
Vicat B Temperature	ASTM D1525	°C	145
Velocity of Sound	-	m/min	2270
Rockwell Hardness	ASTM D785	M scale	68-120



CAST ACRYLIC SHEETS

We are India's oldest and biggest importer of Cast Acrylic Sheets since last 4 decades from various leading manufacturers spread across Europe, America and Asia. A-PLUS Cast Acrylic sheets are made from 100% Pure Virgin Monomer (MMA).

Our Cast Acrylic sheets, A-PLUS come with excellent optical clarity & transparency, and are highly resistant to variations in temperature up to 17 times the impact resistance of ordinary glass. They weigh half the weight of glass and are ideal for precision machining highly resistant to many different chemicals Acrylic (PMMA*) having certain properties making it an ideal material to be widely used across a wide range of applications including medical, life sciences, food / beverage testing, advertising / signage Industry.

A-PLUS Cast Acrylic sheets offer very good thermal stability, and much more scratch resistance than Extruded acrylic, along with a superior surface finish and wider thermoforming range with respect to other plastic sheets.

Details	Description
Type	Compact/Solid Sheets
Colour	Clear, Opal white, translucent, Transparent and Opaque Colour
Thickness Range	1.5 - 25.0 mm
Dimension	2440*1220 mm, 1830*1220 mm, and other customized
Surface Protection	Masking Craft Paper

Applications

- ▶ Signage and advertising
- ▶ Thermoforming and machining
- ▶ POP (point of purchase Display)
- ▶ Display Cases
- ▶ Interior Design & Furniture
- ▶ Office Stationery
- ▶ Shelf Panel/Partition
- ▶ Trophies & Mementos
- ▶ Exhibition Booth/Stand
- ▶ Corporate and Promotional gifts
- ▶ Shopping Complex and mall
- ▶ Digital advertising and glow sign board
- ▶ Face mask & Eye protection
- ▶ Electronic and Energy



Technical Properties

Property	Test Method	Unit	Values
Density	ISO 1183	g/cm ³	1.19
Light Transmission	ASTM D1003	%(3mm)	>92
Water Absorption	ISO 62	%	0.3
Flexural Strength	ISO 178(2mm/min)	MPa	116
Electrical Strength	IEC 243	kV/mm	15
Tensile strength	ISO 527(5mm/min)	MPa	75
Elongation at break	ISO 178(5mm/min)	MPa	4
Vicat B Temperature	ISO 306 A	°C	>110
Thermoforming Ranges	DIN 4102	°C	140-180
Rockwell Hardness	ISO 2039-2	M scale	100



AKMY EXTRUDED ACRYLIC SHEETS (PMMA)

AKMY Extruded Acrylic sheets are one of the most versatile and multifunctional property products which come with superior clarity, UV resistance and higher dimensionally stable, with respect to less tolerance in thickness and size, than other similar plastic sheets.

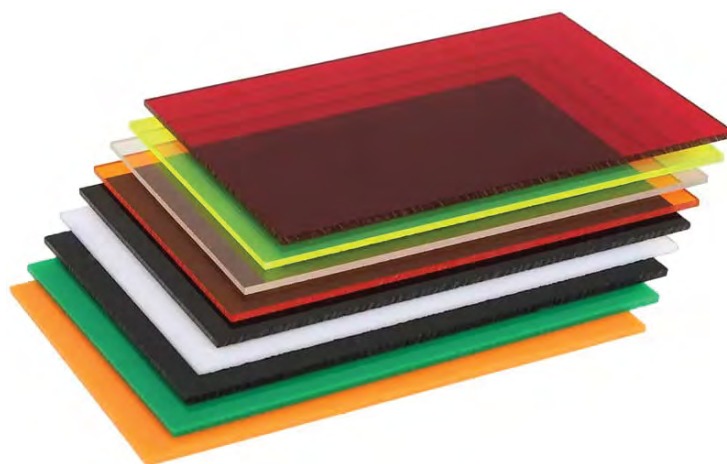
Our Extruded Acrylic sheets features high electrical insulation, lighter in weight, easier to cut in any shape or size, pretty in looks, strong surface hardness, thereby offering good weather resistance and can be thermoformed / machined and can be easily cleaned.

AKMY Extruded Acrylic sheets are used for various segments such as auto sector, construction industry, advertisement industry, medical equipments, industrial instruments, lighting Industry and civilian goods etc. Due to low breakage percentage during transit and simultaneously being light in weight, results in a low shipping cost and long life for critical parts used in a variety of products and applications.

Details	Description
Type	Compact
Colour	Clear, Opal, Black and other as required.
Thickness Range	1.0 - 12.0 mm
Dimension	2440*1220 mm, 1830*1230 mm, 2440*2100 mm
Surface Protection	Masking Brown Paper / PE Film

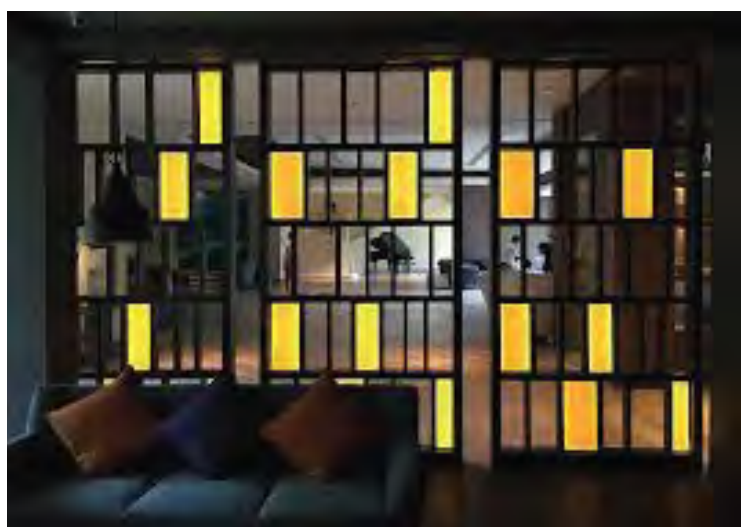
Applications

- ▶ Sky light and glazing
- ▶ Thermoforming and machining
- ▶ Signage and advertising
- ▶ POP (point of purchase Display)
- ▶ Interior Design & Furniture
- ▶ Office Stationery
- ▶ Shelf Panel/Partition
- ▶ Trophies & Mementos
- ▶ Kitchen cabinet
- ▶ Exhibition Booth/Stand
- ▶ Corporate and Promotional gifts
- ▶ Shopping Complex and mall
- ▶ Face mask & Eye protection
- ▶ Electronic and Energy
- ▶ Instrument, meter and protecting cover



Technical Properties

Property	Test Method	Unit	Values
Density	ISO 1183	g/cm ³	1.18 - 1.19
Light Transmission	ASTM D1003	%(3mm)	>92
Water Absorption	ISO 62	%	0.2
Flexural Strength	ISO 178(2mm/min)	MPa	107
Electrical Strength	IEC 243	kV/mm	15
Tensile strength	ISO 527(5mm/min)	MPa	70
Elongation at break	ISO 178(5mm/min)	MPa	>4
Vicat B Temperature	ISO 306 A	°C	>105
Thermoforming Ranges	DIN 4102	°C	140-180
Rockwell Hardness	ISO 2039-2	M scale	95
Heat Deflection Temperature	ASTM D648	°C	80-110
Tensile Modules	ISO 527	MPa	3200
Moulding Shrinkage	ASTM D 955	%	0.1-0.4
Dielectric Strength	ASTM D 149	KV/mm	25
Dielectric Constant	ASTM D 2520		2.7-3.5



ACRYLIC / PS MIRROR SHEET

Acrylic / PS Mirror sheet come with high Sparkling Clarity, like a glass mirror, and are able to obtain all the features of the mirror but with addition advantage to cut into any ideal shape or size with help of CNC routing or laser machinery.

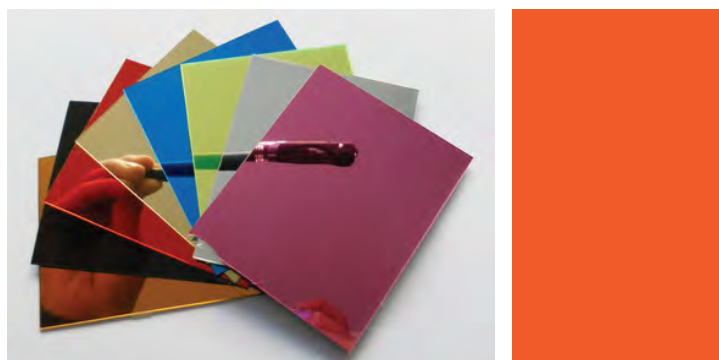
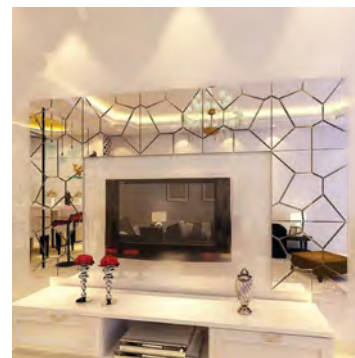
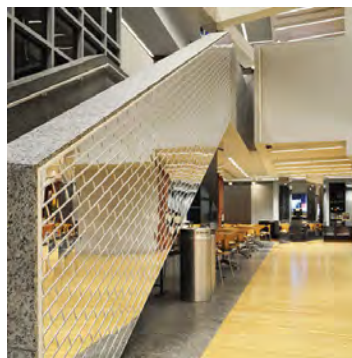
We happily provide Acrylic / PS Mirror sheets that are perfect for use in decorative displays as well as outdoor applications. Mirrored acrylic is only half the weight of glass yet many times more resistant to breakage and impact. Best of all, plastic mirror sheet can be easily cut or shaped to fit a frame and any particular set of needs, whether cut, drilled, shaped, or bent with a strip heater.

Acrylic / PS Mirror is a lightweight, reflective thermoplastic sheet material used to enhance the look and safety of displays, POP, signage, and a variety of fabricated parts. Acrylic mirror is ideal for retail, food, advertising, and security applications.

Details	Description
Type	Compact / Solid Sheets
Colour	Silver, Golden, Copper, Green, Blue.
Thickness Range	Acrylic Mirror (1 - 3 mm) & PS Mirror (1 - 1.5 mm)
Dimension	2440*1220 mm, 1830*1220 mm, and 1220*915 mm
Surface Protection	PE Masking

Applications

- ▶ Signage and advertising
- ▶ POS (Point of Sale Display)
- ▶ Display Cases
- ▶ Interior Design & Furniture
- ▶ Shower Mirror and Glazing
- ▶ Corporate and Promotional gifts
- ▶ Letters and Logo
- ▶ Bus and Truck Body
- ▶ Modular kitchen
- ▶ Shopping Complex and mall
- ▶ Architectural Design
- ▶ Food stall
- ▶ Theatrical set design



AKMY POLYPROPYLENE SHEETS (PP)

AKMY Polypropylene sheets are made from 100 % virgin material, and these sheets are widely used for residential and commercial purpose. We are manufacturing PP UV Sheets in roll form in plain and texture, as well as in fabric designs also that comes in various colors and patterns.

AKMY PP sheet also known as UV roofing sheet and UV gate Sheet, applied across diverse segments like Packaging and food Industry, also used in exterior application like window and balcony covering, small shades and Partition etc.

Details	Description
Type	Compact / Texture in roll form
Colour	Clear, Bronze, Green, Blue
Thickness Range	0.8 - 2 mm
Dimension	Roll (Width 3-7 ft & Length 100 ft) and customization
Surface Protection	Masking PE film

Applications

- ▶ Food Packaging Industry
- ▶ Awning & Canopy
- ▶ Small Parking Shade
- ▶ Gate Covering
- ▶ Door & windows covering
- ▶ Book binding



▶

AKMY PC CORRUGATED / PROFILE SHEETS

AKMY PC Corrugated / Profile Sheets are made from own produced superior quality polycarbonate solid and embossed sheets, made from 100 % virgin upper grade material, by process of cold bending / punching advance machinery with micro tolerance in corrugation diagram of required profile.

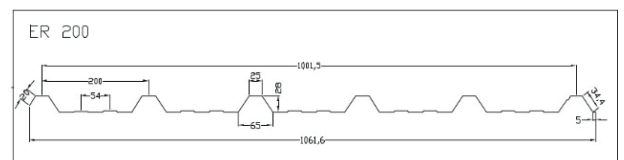
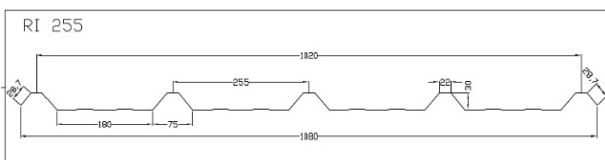
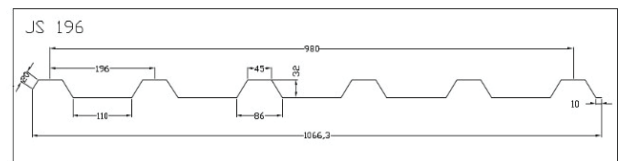
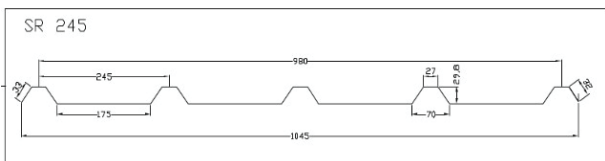
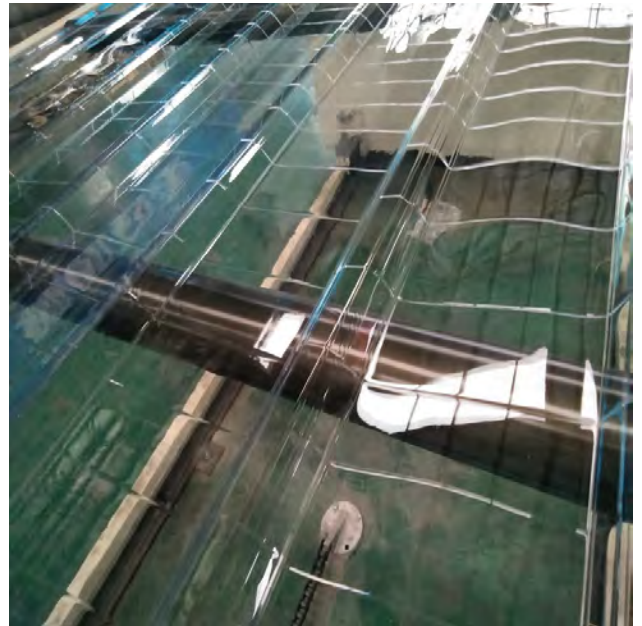
We are able to profile sheet thickness from 1 mm to 3 mm and width as per required corrugation diagram and length till maximum 6100 mm.

Main Features

- ▶ Impact resistant and virtually unbreakable
- ▶ Transparent: up to 90% Light Transmission
- ▶ Weather and UV resistant
- ▶ Wide service temperature range
- ▶ Blocks 99.9% of harmful UV radiation
- ▶ Lightweight – less weight then Metal Profile
- ▶ Good fire rating
- ▶ Easy to work with and install with standard tools

Applications

- ▶ Skylights
- ▶ Architectural roofing
- ▶ Industrial rooflights
- ▶ Agricultural greenhouses
- ▶ Residential roofing: pergolas, canopies, patios & sun rooms, etc.
- ▶ Light roofing and awnings



AKMY PC TURBO VENTILATOR BASE PLATE

We are also manufacturing Turbo Ventilator Base Plate (TVBP) with high natural light transmission, that comes with different profiles such as AC, Everest, Tata, Bhushan, Jindal, National, Essar, Hindalco etc.

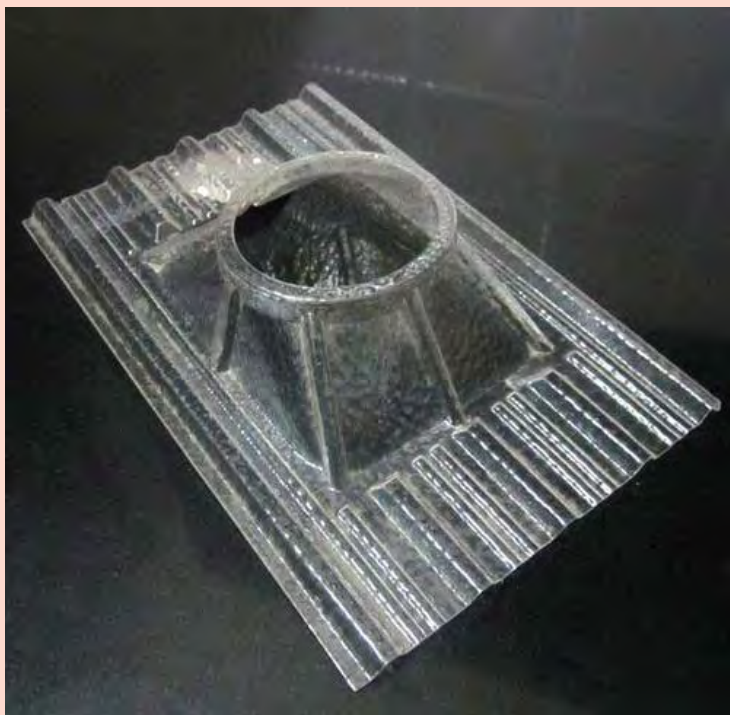
Turbo Ventilators are mainly designed to exhaust Industrial Pollutions such as heat, dust, fumes, Smoke, humidity, Poisonous gases etc. It provides us cool, healthier and eco-friendly environment and works without any electricity and not having any additional expenses.



Ventilator Base Plate



Ventilator Fan



AKMY PRE-ENGINEERED BUILDINGS (PEB)

We wish to introduce ourselves as a turnkey basis projects undertaking company in Pre-Engineered Building system. We have a full-fledged set up for structural steel fabrication workshop and sheet profiling plants at Sonipat with an installed capacity of 10,000 M Tons per annum.

We are equipped with latest machinery; equipments and we have indigenously developed and manufactured these products under stringent quality checks at every stage of production, to give the product the best performance standards. We have in house manufacturing capabilities to fabricate all type of structures, profile sheeting material and its allied products. We offer high-tech in-house manufacturing capability.

We at AKMY Buildcon Pvt. Ltd., have a dedicated team of research, design, production, marketing, supply and installation professionals, to give the maximum of the product, both at quality level and product perform assurances. Our after-sales service team further guarantees of a total customer satisfaction for life.

We take deadlines seriously. Our commitment to reporting accurate time estimates is the result of integrity. We have certain norms and targets set by committed and enthusiastic staff. We are confident of being able to achieve our visions and targets.

We use only the best crew for each project to ensure consistently high quality. With complete integrated facilities of Design, Engineering, Manufacturing & Installation available in house, we are in position to take up turn key projects of any size and any complexity.



Turnkey Responsibility

Single source integrated solutions

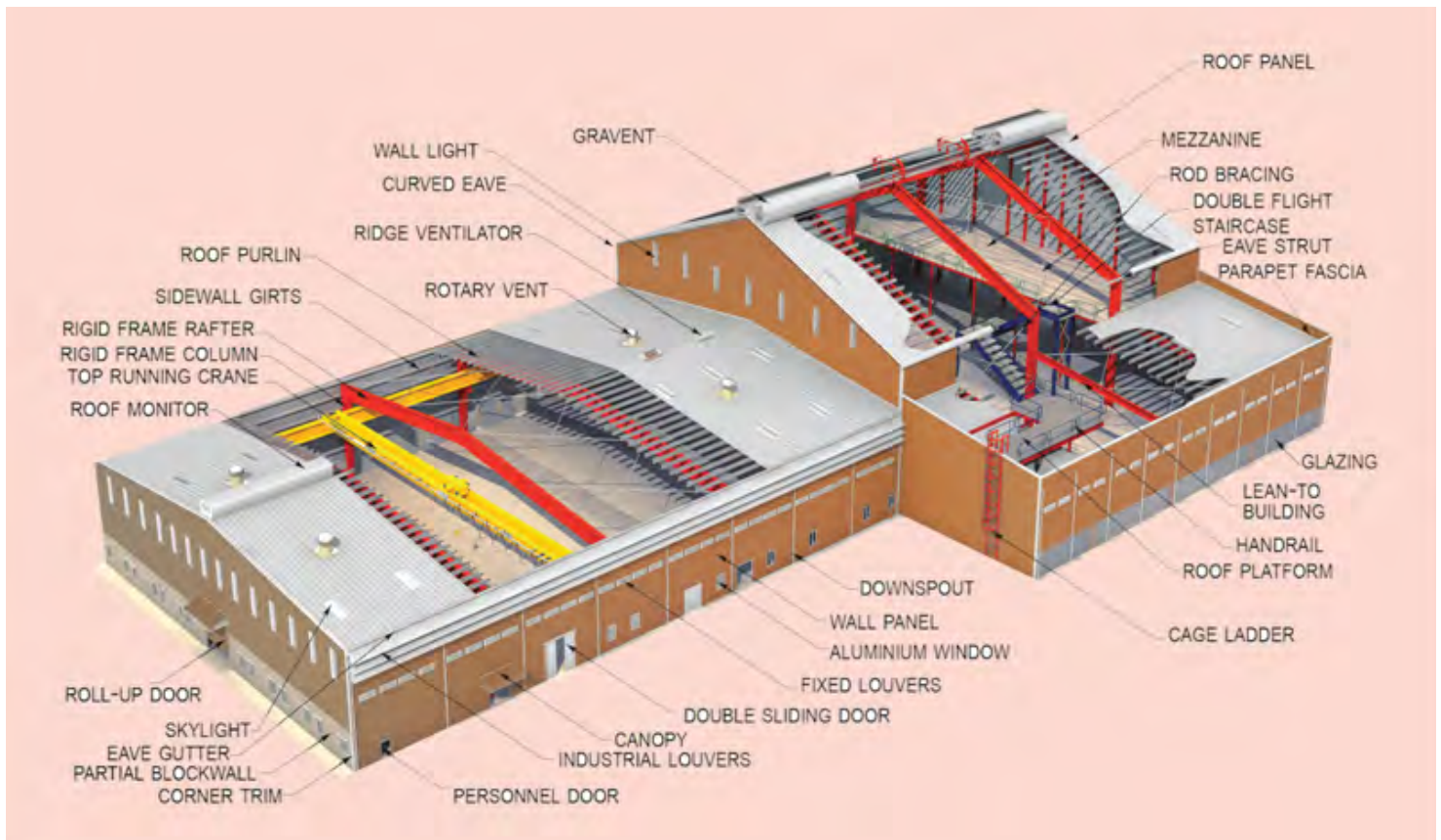
- ▶ Design
- ▶ Engineering
- ▶ Procurement
- ▶ Supply
- ▶ Installation

Pre-Engineered Building Components

- ▶ Primary Members – Columns, Rafters, Frames, (Hot Rolled / Built up Sections)
- ▶ Secondary Members – Bracings, Purlins, Girts, (Cold formed Sections)
- ▶ Roof & Wall Cladding – Roofing, Cladding, PU Sandwached panels, Flashings (Ridge, Gutter etc)
- ▶ Accessories - Anchor Bolts, Fasteners, Connectors.
- ▶ Optional Extra – Fascia, Canopies, louvers, Skylights, Crane Gantry, false Ceilings, Mezzanine, Turbo-vents.

Applications

- ▶ Warehouses
- ▶ Factories
- ▶ Cold Stores
- ▶ Offices, Schools, Hospitals, Site Offices
- ▶ Gas Stations, Bus Shelters, Car Parks
- ▶ Commercial Complexes, Shopping Malls
- ▶ Aircraft Hangars





AKMY Polyplast LLP.

(ISO 9001:2015 CERTIFIED)

State-of-the-Art Manufacturing Facility with A Capacity of
15,000 MTPA and ISO Accreditation.



AKMY Polyplast LLP.

www.akmypolyplast.com

✉ info@akmypolyplast.com

📍 Khasra No. 85/24 & 91/4, Akbarpur Barota,
Sonipat - 131103, Haryana, INDIA

