www.encon-india.com www.tensileindia.com



ENCON started in 1992, has come a long way from doing domes, skylights, atriums etc. in fiberglass & polycarbonate to tensile membrane structures. We are quick to adapt global influences & translate the same into our products & projects.

We have a policy of continuously improving our quality management systems.

We are pioneers in tensile covering in North India.

We have the best and most experienced manpower in this industry in North India.

Around 20 years back we had done a Open Air Theatre around 22000 sq ft the biggest at that time in North India.

In 2016 we have completed one of the biggest coverings in North India around 2,00,000 sq ft Atrium for Omaxe Connaught Place Mall, Greater Noida.

We are working with some of the best names in the construction industry like DLF,UNITECH,DIAL,OMAXE,MAHAGUN,EMAAR MGF,VATIKA,SUPERTECH,BESTECH,ASHIANA, ANSALS,ASCOT to name a few

We are working with some of the best architects like Hafeez Contractor, Sikka Associates, Spazzio, Design Plus to name a few.

ENCON is the source for quality products. Our designs are the industry standard for innovative engineering.

We have in house M.S. & Aluminium fabrication.

We also have in house spray painting facility for M.S. framework.

We also have state of the art fabric welding facility.

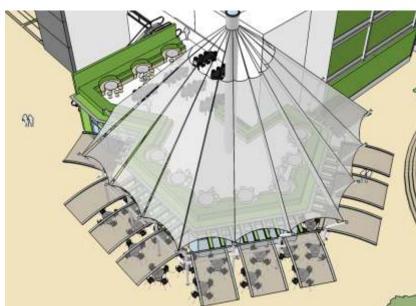
We have a comprehensive range of imported tensile and other outdoor membranes in stock.

We have on our panel qualified structural designers who have experience in various International projects and work on some of the best softwares in this industry.

We have two production units *Pace City II ,Gurgaon

*Chopanki, Bhiwadi





For us at ENCON, means of achieving growth are just as important as growth. We strive towards client, employee & supplier satisfaction in our business dealings.

TENSILE STRUCTURE, LIGHT WEIGHT STRUCTURE, MEMBRANE COVERING	4
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 Walk way covering Entrance Canopy Sports covering 	
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Atrium/Public places

Tensile membrane is the favoured covering material for atrium coverings in mall and commercial buildings. The membrane allows just the right amount of natural light and also eliminates the glare. It also helps in reducing the air conditioning cost, being flexible, design options are many.



Tensile membrane structures are quite different from other building materials.

The principal of construction requires a deep understanding of the fabric reaction to forces.

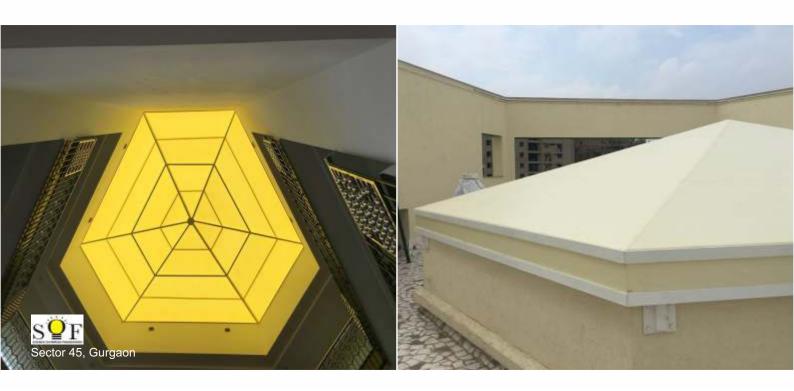
Steps of tensile structure erection

- * Concept * Structural analysis* Detailing, Shop drawing & Connection details.
- * Patterning of membrane *Fabrication and painting of the structure * Installation and tensioning
- *Maintenance & cleaning education to end user.









Atrium/Public places

These tensile structures can be designed as per the IS codes depending on the site location and requirement of the client. IS-800, IS-456, IS-875



IS-875

Part-1 Dead loads

Part-2 Imposed loads

Part-3 Wind loads

Part-4 Snow loads

Part-5 Special loads and load combinations

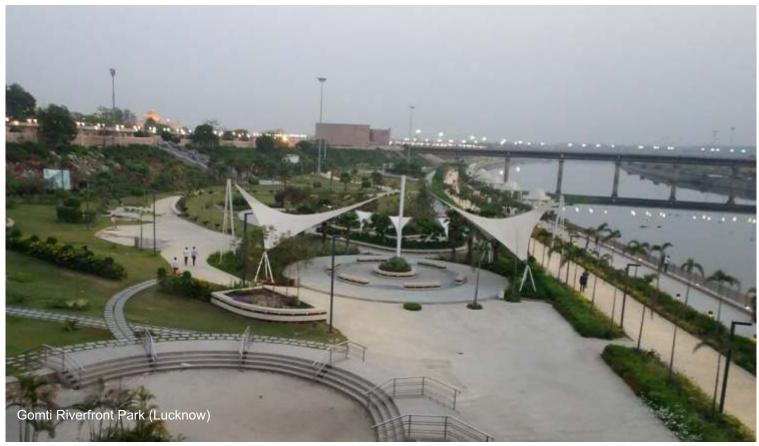
Earthquake load being covered in a separate standard, namely IS 1893 (Part-1)

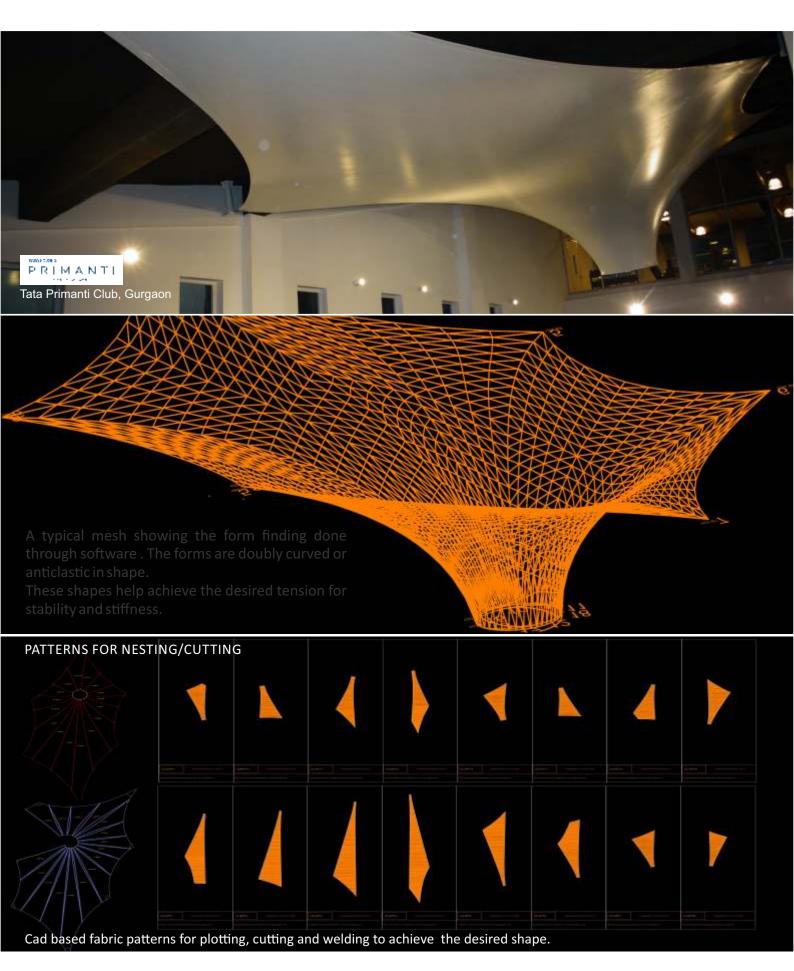














Car park:

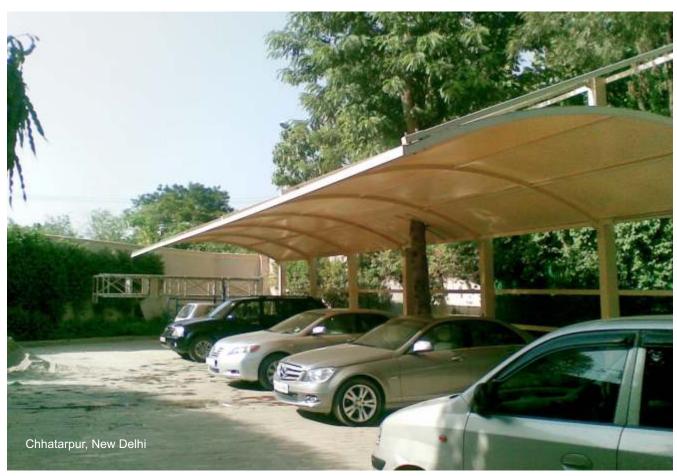
ENCON tensile membrane structures offer a range of car-park solutions. The cantilevered car park allow the cars to be parked without any hindrance.



Durability:

We use reputed global fabric brands which have good warranties and low maintenance.























Walk way Covering:

ENCON has a range of architecturally appealing walk way covering options. Besides being functional, they add appeal to the landscaped area.





















Sports Covering:

Tensile membrane is the best material for covering of basketball courts, badminton courts, swimming pool covering, TT rooms etc. The covering provides a good waterproof and shaded area. The areas can be air conditioned also.



Sports Shade Structures are designed to protect players or children on many different types of outdoor athletic courts, sport fields, play areas and schools. Depending on your requirements, our sports courts shade designs can cover entire basketball courts, skateboard parks, tennis courts, badminton courts, roller skating rinks, volleyball courts, and other play areas for sporting events, as well as school PE areas.

We can give you shading only option as well as waterproof covering options.

These structures can be structurally designed as per relevant codes for complete safety and stability









Multi purpose covering:

Tensile structures can be used for various customized applications.













Textile/ Membrane/ Architectural Facade:

It is the latest in building facade. It can provide shading, at the same time create iconic elevations. It also increases the building insulation vis-a-vis other elevation materials like glass etc.
Burj Al Arab at Dubai is popular example of fabric being used in elevations.
ENCON can give shape to interesting forms, colors and textures.







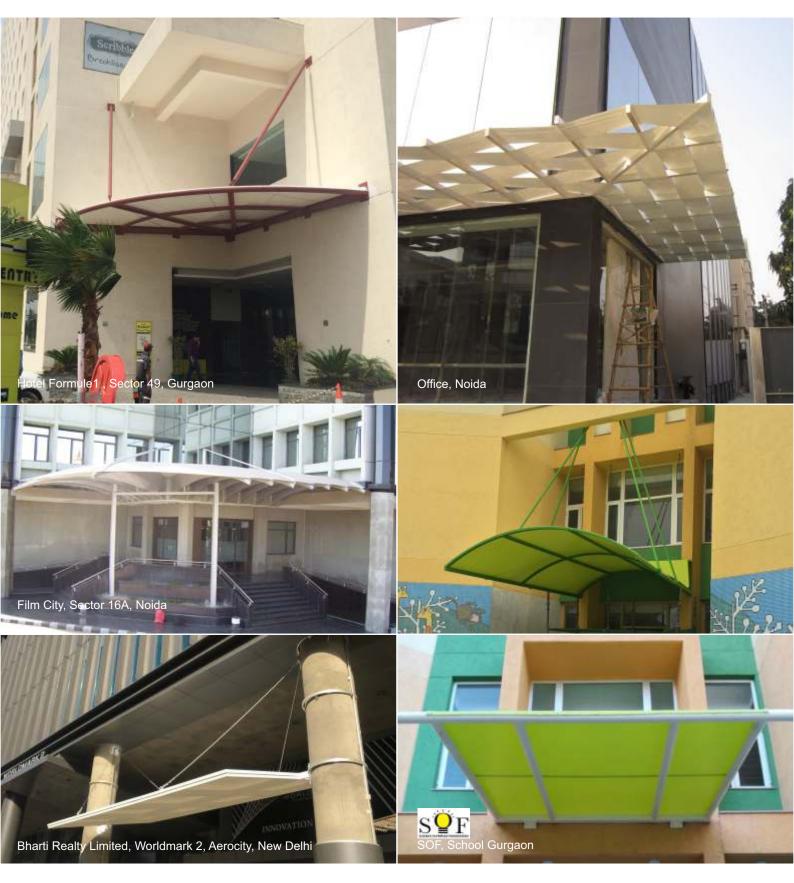




Entrance Canopy:

ENCON's entrance canopies can highlight the entrance, add character to the bulding and also protect against rain and sun.













Landscape Elements

WOW! That's the word for these elements. They are a delight for landscape consultants. You can add Zing to landscape areas. You can also use them as a light source. A range of colors to compliment the latest architectural trends.

































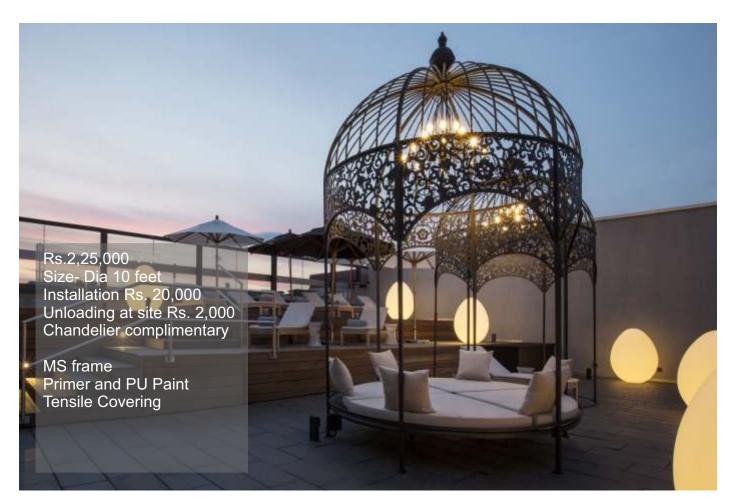














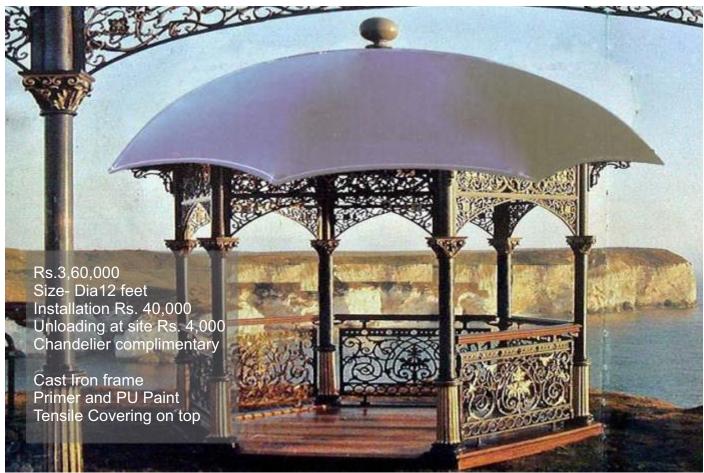




















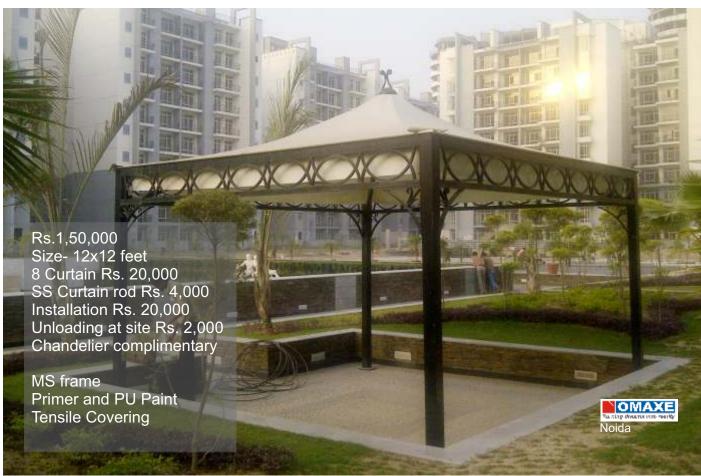


























Option-1
Powder coated
Aluminum frame Rs 1 40 000

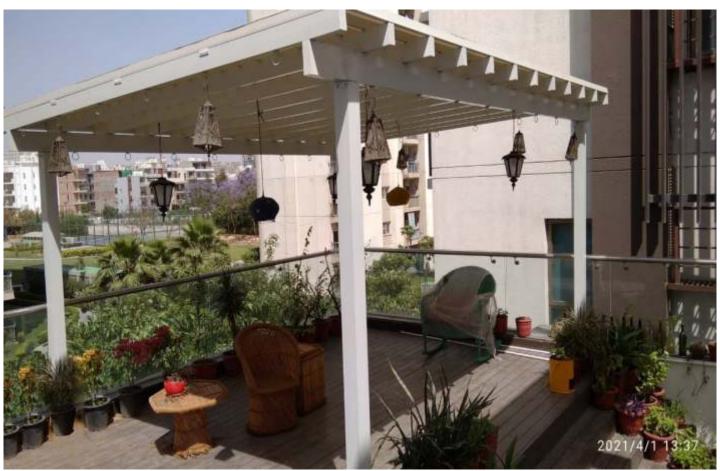
Option-2

Primer and PU Painted MS frame Rs.1,25,000

Size- 12x12 feet 8 Curtain Rs. 20,000 SS Curtain rod Rs. 4,000 Installation Rs. 20,000 Unloading at site Rs. 2,000 Chandelier complimentary

Tensile Covering Rs.250 per saft extra if required





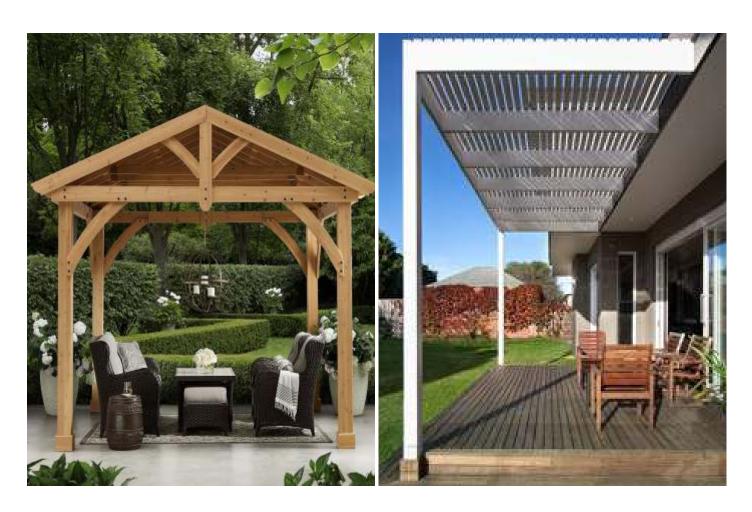




























































Why a Pergola?

*It creates a interesting outdoor place to unwind, relax, socialise with friends & family.

*Lifestyle entertainment hub

Add comfortable seating, accent tables, outdoor rug and other accessories.

*Barbecue, have chilled wine or enjoy the breakfast

*Improve the landscape of your home.

Pergolas are designed to support climbing, hanging plants.

Types of Pergola

- * Powder coated Aluminum frame
- * PU painted M.S frame
- * WPC (Wood plastic composite)
- * Thermo Pine Imported Wood





































Pergola





Pergola





Pergola

























Skylight Shading System:

Skylights though essential for sunlight sometimes do add to heat and glare.

With skylight shading system the amount of sunlight coming in the building can be calibrated to our comfort level. It allows you the option of having sunlight in winter and diffusing the glare in summer. It will reduce your energy bills. The shading system can be motorized or manual. They can be inclined or horizontal.











Retractable Roof:

Retractable roof allows you to come closer to nature.

Roof can be opened or slid back, to allow fresh air, to enjoy the sun or moonlit sky.

Roof can be closed during extreme weather conditions.

The Retractable roof system can be motorized or manual.

They can be inclined or horizontal.



























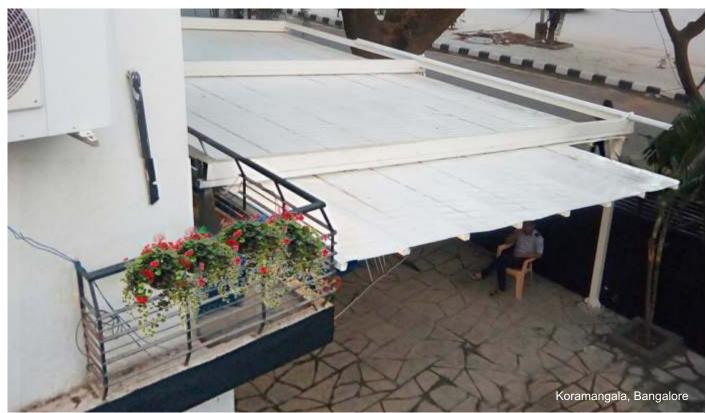






























ENCON is the most innovative manufacturer of prefabricated shelters/ rooms. We design and manufacture special prefabricated to ready made prefabricated Shelters/Rooms. We offer unmatched quality range of prefabricated Shelters/ coverings made from premium quality FR materials. We are engaged in commissioning, consultancy and designing of our prefabricated Shelters/Rooms

Buy a pre-fabricated house/ Office / Multipurpose and get it assembled on your site

- ·Fast & cheaper than conventional construction.
- ·Insulated, comfortable in adverse weather.
- ·Fascia design options.
- ·Relocation & Expansion possible.

- ·All weather material used.
- ·Fungus & Termite proof.
- ·No need of painting
- ·Light weight



Applications:

- ·Residential floors, House Extensions
- ·Restaurant, Pubs
- ·Project office sites
- ·Slum rehabilitation
- ·Police / military / paramilitary camps
- ·Coverings where permanent construction is not allowed
- ·Education / healthcare









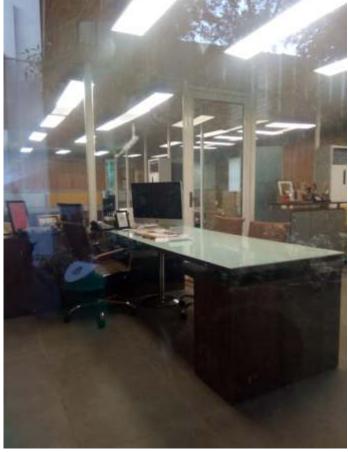














Luxury Tent



Specification

Frame:

PU Primer & PU painted M.S tubular frame.

Covering membrane:

Water proof
Fire retardant
Heat welded at joints
5 year warranty
Blackout membrane

(Option of single layer & double layer membrane cladding)

Door and Windows

Sliding or openable: UPVC/ powder coated Aluminium door and windows with 5 mm clear glass

Plan area: 14'x14'=196 sqft

Double layer membrane Rs. 2000 per sqft Single layer membrane Rs. 1750 per sqft

Plan area: 10'x10' =100 sqft

Double layer membrane Rs. 2250 per sqft Single layer membrane Rs. 2500 per sqft

Terms

Flooring extra IGST@18% extra Installation Rs. 25000 Freight / Cartage extra









Cottage

Specification

Exterior Cladding

Per coated sheet Puf insulated sandwich panel for roof and walls to provide protection from sound, heat and cold.

Frame work

Primer & painted MS frame work designed to withstand high wind and tremors.

Flooring

Base flooring: Primer & painted
MS tubular frame with cement boards.
Flooring top: Laminated /WPC/
Wooden flooring, carpet tiles

Internal Wall

Textured Mesh panel cladding Termite & moisture proof No need to Paint or Polish UV Resistant

Doors & Windows

Powder coated Aluminium section/UPVC Door & Windows with 5 mm clear glass . DGU glass is recommended (Additional cost)

Plumbing & Toilet fixtures

Complete Toilet with Jaquar fittings and UPVC pipes

Electrical fittings

Complete fittings with Crabtree switch/ socket, Branded LED Light & Fans.

<u>Terms</u>

Transportation, Unloading & Crane charges extra Boarding for installation team to be arranged by the client.

Payment terms: 50% advance. 30% after erection MS frame and

balance before dispatch. **Delivery time:** 60 To 90 days.





Cottage



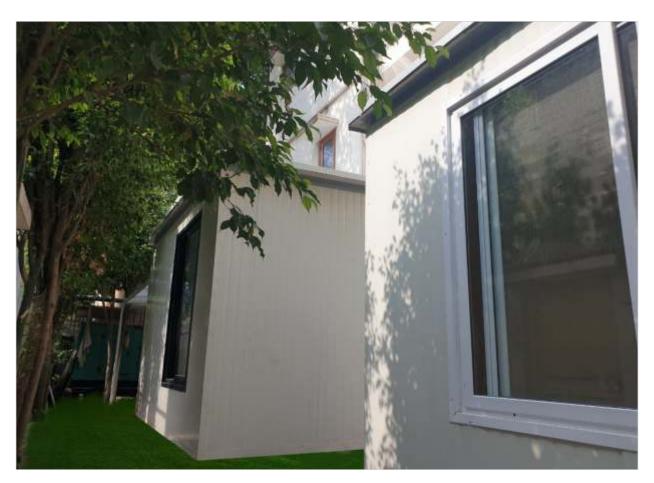






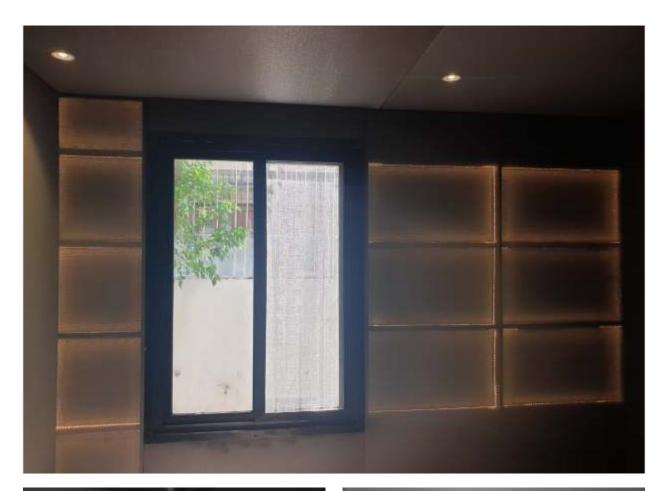


Insulated room

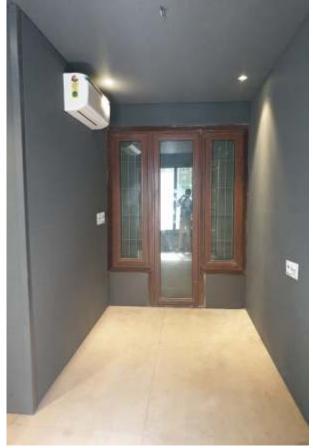




Insulated room



























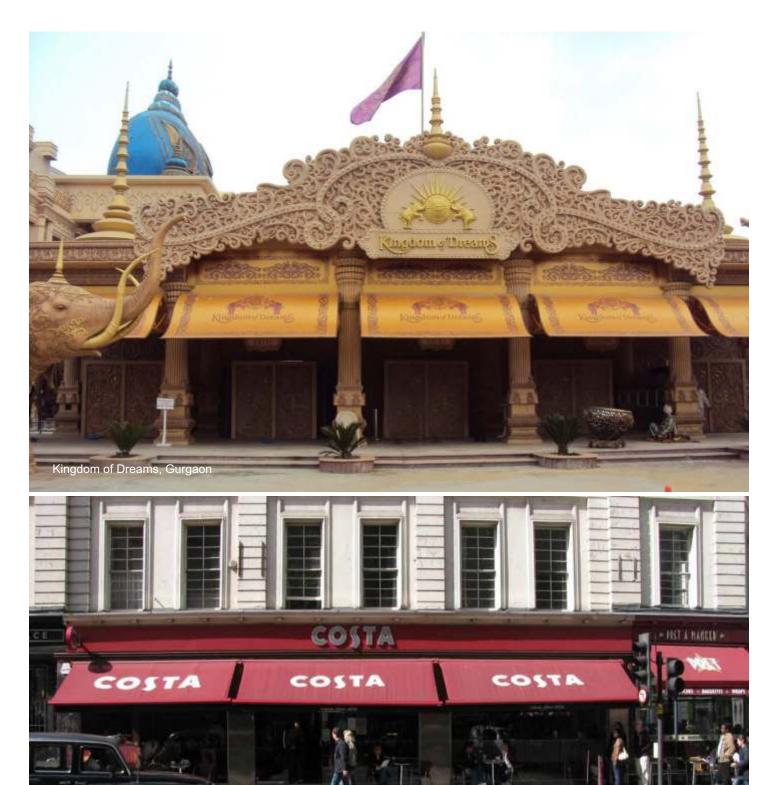


AWNING & CANOPY

Fixed Awning

- *Any shape & size feasible
- *Small size are prefabricated

- *Big sizes are fabricated at site
- *M. Steel tubular framework spray painted
- *Fabric as per your choice





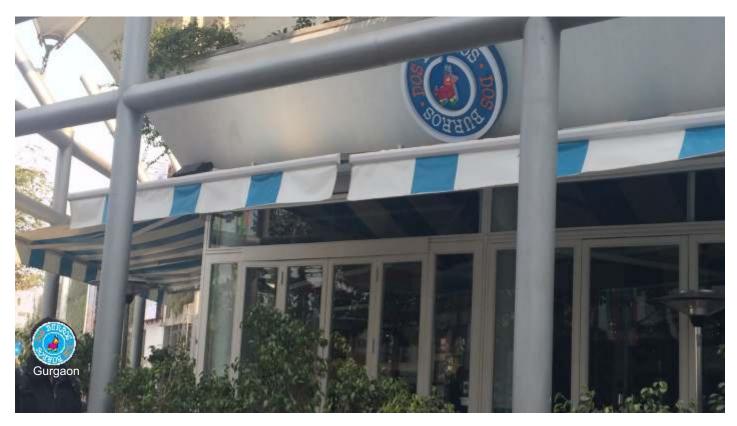


Terrace Awning

- *Per fabricated ready to install retractable arm awning operated by gearbox with removable handle.
- *Slope is adjustable between 10° to 45°
- *Fabric as per your choice

Options:- 1) Manual or Motorised.

2) Hood: To cover the gap between the roller tube and wall to avoid water seepage







Window Awning

- *Per fabricated ready to install fixed or folding awning operated by pulley & cord arrangement.
- *Fabric as per your choice
- *Options: 1) Manual or Motorised.

















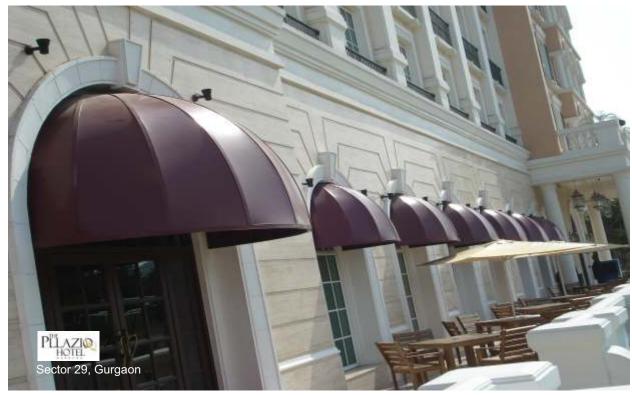


Bull Nose

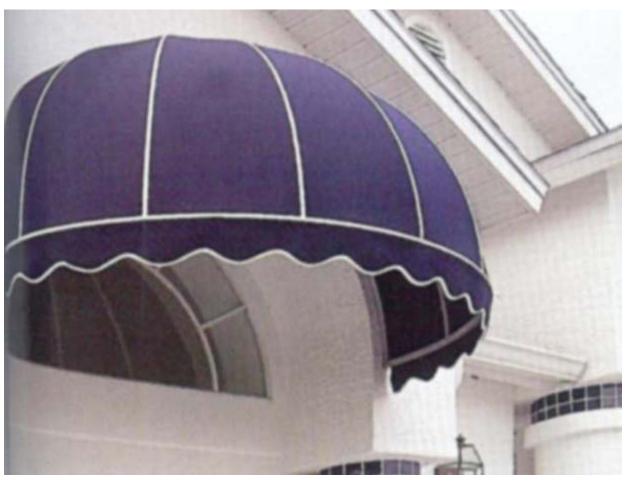
*Per fabricated ready to install fixed or folding awning operated by pulley & cord arrangement.

*Shape is one quarter of a sphere.

*Fabric as per your choice Options: 1)Folding or Fixed













Vertical Awning

- *Pre fabricated ready to install awning.
- *The fabric can be moved vertically up or down.
- *The drop bar moves on steel wires and is operated by a gear box with removable handle.
- *Fabric as per your choice

Options:

- *Manual or Motorised.
- *Hood: to cover the gap between the roller tube and wall to avoid water seepage.







Drop arm Awning

*Per fabricated ready to install retractable awning operated by gear box with a removable handle.

Options:

- *Manual or Motorised.
- *Hood: to cover the gap between the roller tube and wall to avoid water seepage.







Mesh Shade cloth keeps the area shaded and is breathable. Excellent level of UV block and shade factor. Designed to breathe, it allows breeze to flow through, significantly reducing temperatures beneath.

The colors remain vivid for years. Economical visa-vis other tensile membranes.

Range of colors to compliment architectural trends. Provides ideal shade solutions for school playgrounds, child-care centre, sporting facilities, car park and other commercial locations.

Shade structures have become an integral part of open areas in Educational institutions for covering playground, recreational areas, swimming pools, vehicle drop areas etc.





PLAYGROUNDS

Protection from harmful UV Rays:

The skin of children is extremely sensitive, and research has also shown that high exposure to UV Rays is one of the major causes of skin cancer. In some countries like Australia & the GCC countries, it is mandatory to have shading over children playgrounds to protect the young children from the exposure to high UV rays. In India too all the progressive schools have started to use this solution to protect the health of their students.

Better usage of Schools playground and other open area:

During certain periods of the year, the temperatures are too high, for children to be comfortably playing in the outdoors. Providing shade cover to the playgrounds will increase the usability of the play areas. Even during lunch breaks, the open areas can be used by the children, for dining etc., if they are shaded. Thus optimum utilization of scarce land resources can be assured by shading these areas.





CAR & BUS PARKING AREA

Better comfort:

When the outside temperature is above 36° celsius, and cars/buses are parked in the open, the temperature inside a parked vehicle reaches 50° to 60° Celsius, thus making it feel like an oven, when entering the car/bus on a hot day. Shades over the parking area, ensure a highly comfortable atmosphere inside the car/bus, even on hot days.

Reduced maintenance and better interiors:

In some parts of India the temperatures soar as high as 48° celsius outside. The high temperatures and exposure to UV has highly deteriorating effect on the interiors of the car/bus, like seats, dashboard, rubber trims, etc., resulting in high maintenance costs. Shaded parking area reduce this deterioration, and keeps the interiors better looking for a longer period of time.





SWIMMING POOL AREA:

Protection from harmful UV Rays:

Most people must have experienced how the skin gets tanned when you go for swimming regularly. This is again due to high UV exposure, which is not good for the health of the skin of young children. During swimming a large part of the body is exposed to UV rays. Shading of the Swimming Pool reduces this harmful exposure substantially, and also makes the swimming experience much more enjoyable due to a comfortable shaded atmosphere.

Water conservation:

Shading of the Swimming Pool also reduces the loss of water due to evaporation under the heat, thus reducing the usage of water.





FEATURES & BENEFITS

- *Knitted lock-stitch construction for fray and tear resistance, offers more air movement and better channeling of cool breezes
- *UV-stabilised HDPE monofilament and tape yarn provides optimal balance between strength and UV block, with easy fabrication and minimal maintenance
- *Strong HDPE won't rot or absorb moisture
- *Stentered (heat set) virtually eliminates any possibility of shrinking once installed and provides ease of fabrication
- *UV Block range 89.3%-97.7% reduces sun exposure for safe and extended time outdoors
- *10-year UV degradation warranty on fabric
- *100% lead and phthalate free for a healthier environment
- *Greenguard® and Oeko-Tex® certified provides confidence in operational quality assurance
- *Engineered in Australia for the harshest conditions
- *100% recyclable



















Vertical Screen / See thru screen allow uninterrupted outdoor living. The retractable mechanism can be manual or motorized as per requirement.

These are retractable innovative all weather screen which

- * Unblocks view
- * Blocks the chill
- * Blocks gusty wind
- * Blocks birds, flies, mosquitoes
- * Blocks rain
- * Blocks hot breeze
- * Blocks dust
- * Facilitates air-conditioning

Suitable for all outdoor applications like:

- * Fresco dining
- * Gazebo/ Cabana/ Marquee
- * Roof top restaurant
- * Terrace, Balcony covering
- * Garden restaurant
- * Patio
- * Conservatory

Material:

- * Transparent PVC membrane
- * Aluminum Sections
- * SS guide cables



























ROLLER BLIND

ENCON'S blinds come in a variety of Screens, Translucent and blackout

options. In ENCON Roller blinds, the fabric is inserted in specially

designed grooved roller tubes for proper installation of fabrics and uniform lifting. Available in wide range of fabrics form USA, Germany, France and across the globe. Our unique automation controls allow multiple blinds to maintain the same level when being raised or lowered.

The advantages of Roller Blinds

- * Simple and easy to use
- * Low maintenance
- * Light weight
- * Easy to install
- * Big collection of fabrics
- * Reduces glare
- * More affordable in comparison to several other blinds
- * Easy to operate- manually or remote
- * Resistance to adverse climatic condition

We have total side blackout solutions in blinds





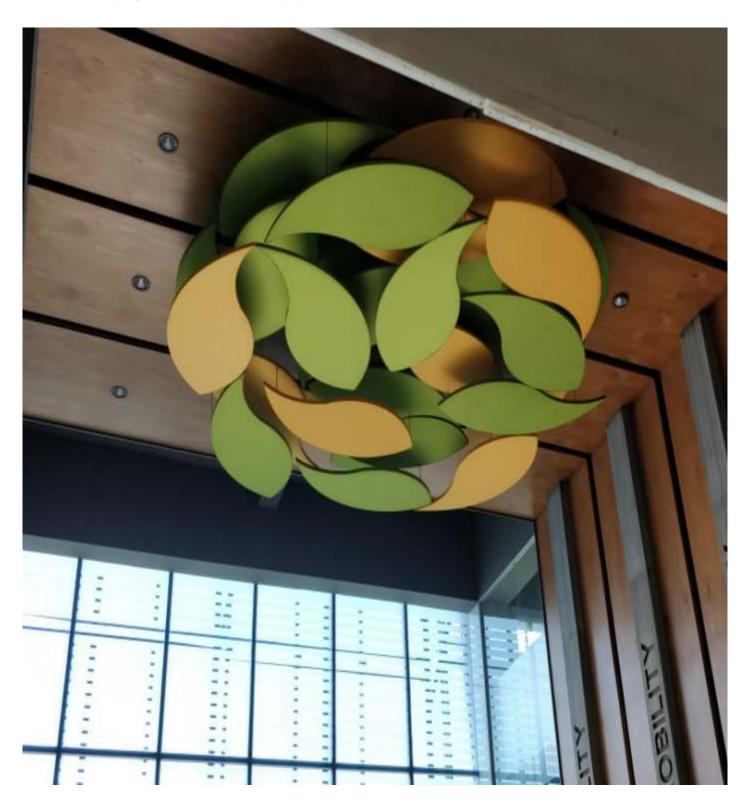






Design element, Screen, Wall feature:

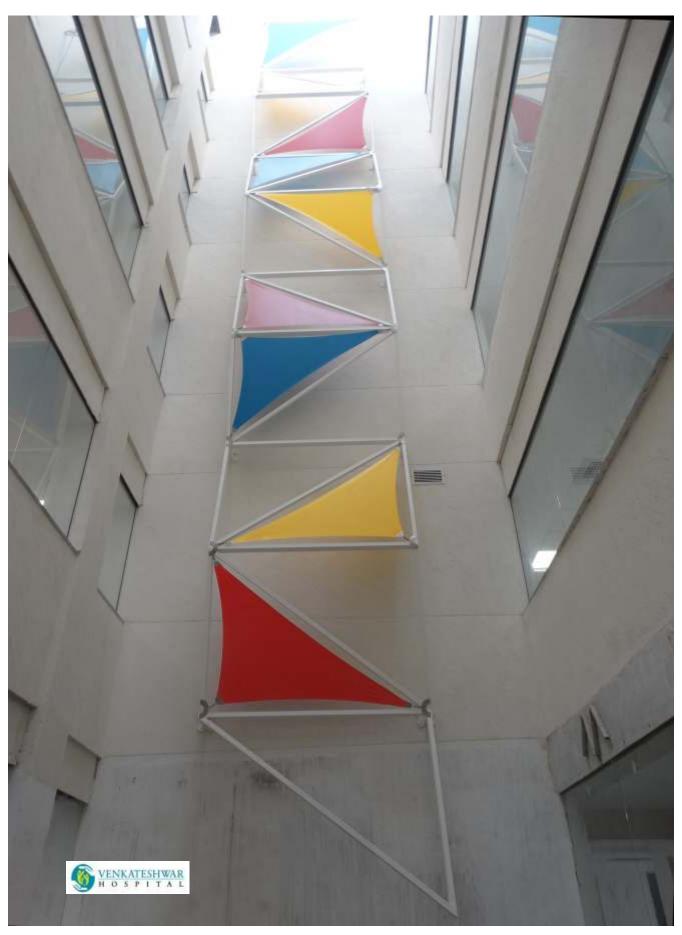
Fabric being a flexible material can be used to create organic, free flowing forms. It results in stunning forms and sculptures which accentuated with lights can give results which no material can match. We can play with translucent and opaque fabrics.



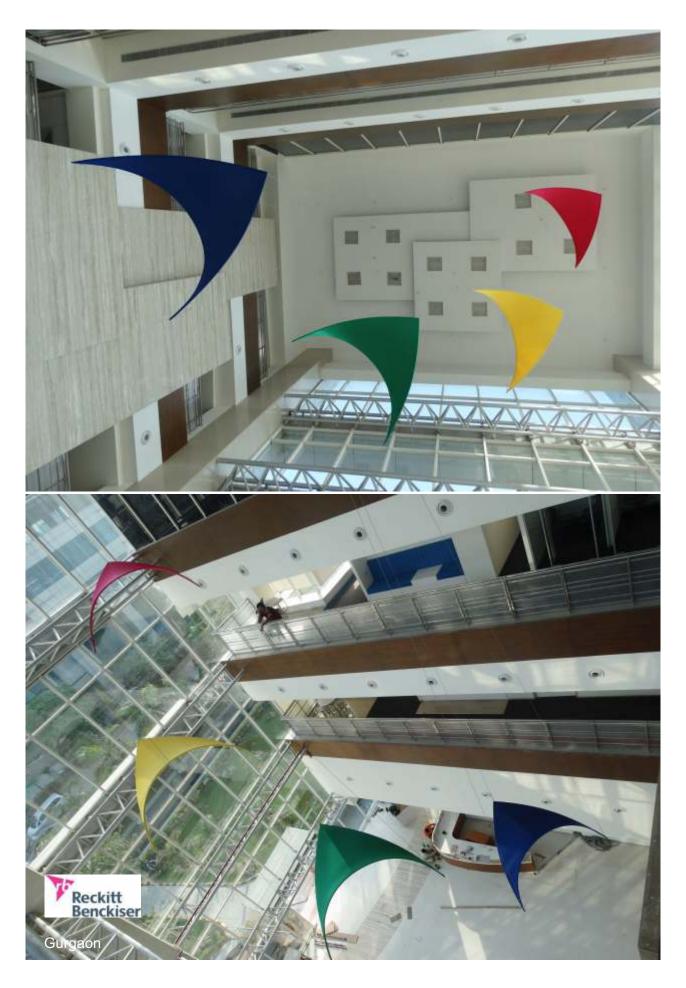




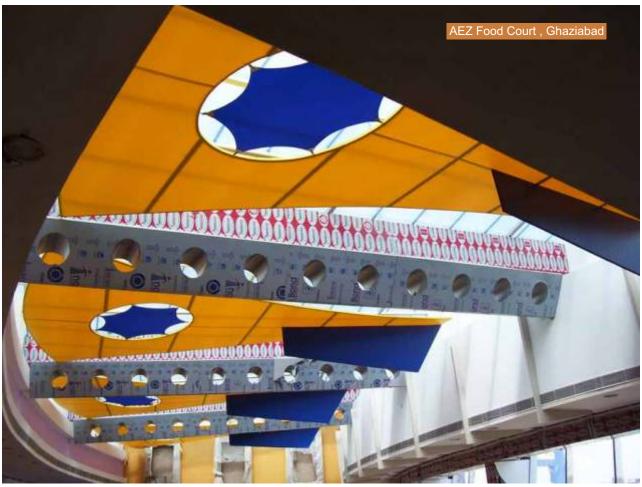
Membrane stretch ceiling element



Membrane Art element in atrium

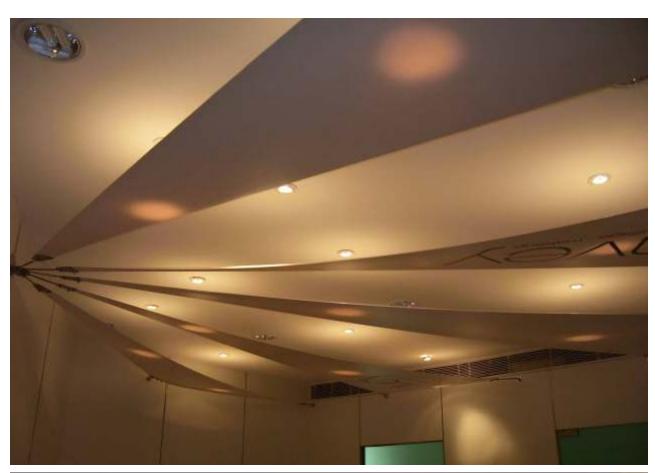














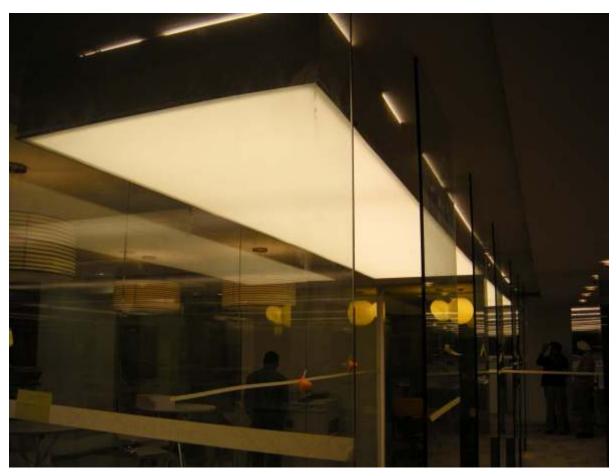
Light:

Customized light can be made for interior and exterior. We can customize Lights in any form and shape in exceptionally large sizes, which conventional light suppliers cannot execute.

You can create your design and size. It being customized, will be exclusive very unlike the popular shapes which are available in the market. It gives a chance to add designer element to your interior and exterior.

























Stretch Ceiling:

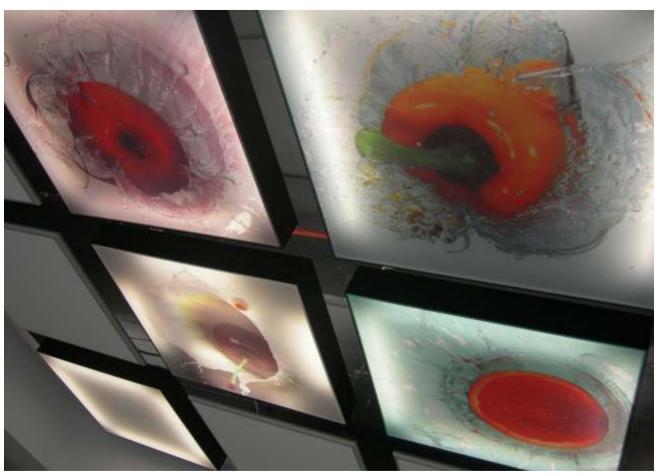
Innovative covering for walls and ceiling. It enhances space and creates an absolutely amazing effect.

Flawless finish, completely uniform appearance due to cutting edge technology. Width of up to 3mtr without joint or seams. Clean, neat work with minimum disturbance to existing interiors, very unlike the POP or conventional false ceiling. Quick to install Water repellent, does not blister or crack.















Space divider/ Barricade for coffee shop inside a mall



Stretch Membrane over the food court counter



Membrane Canopy for Coffee counter

CEILING& WALL PANELING





CEILING& WALL PANELING









Advantages of Multiwall Polycarbonate Sheet

- Affordable
- Impressive flexibility Shatter-resistant
- Energy- saving
- Durable
- Longer Lasting
- Better Light Diffusion and UV Protection Virtually unbreakable
- Easy handling & quick to install
- Provides great protection against UV
- Maintans its look for a long time
- Better Insulation & can be customized





















General applications of Multiwall Polycarbonate Sheet

- Sky light
- Walkways, domes, pyramids
- North light glazing and industrial cladding
- Swimming pool covers

- Partition wall / safety glazing
- Sound / noise barriers
- Green houses



WROUGHT IRON/ CAST IRON/ FRP CANOPY

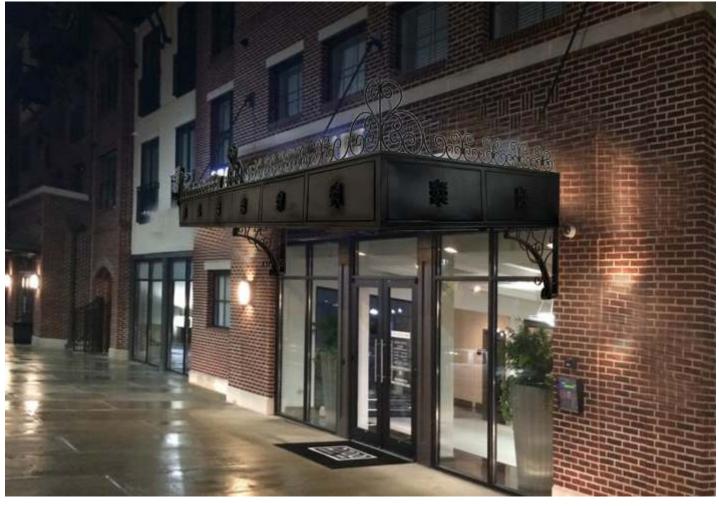
Not only is a Wrought iron/ Cast iron/ FRP Canopy a luxurious accent for your home, it also adds the functionality of protection for your door as well as shelter from rain and sun for you and your guests. No two canopies are alike and they are custom built to accommodate any size, space and design. This is where extreme beauty meets functionality.





WROUGHT IRON/ CAST IRON/ FRP CANOPY





ENCON offers banquet hall structure solutions. We offer fixed roof and retractable roof solutions. The possibility of customization is immense. Banqueting solution with a European feel. Surround yourself with breathtaking views of your surroundings including the sky, in a Patio Enclosure solarium. Our glass-enclosed room makes a stunning addition to any banquet. Energy-efficient double-wall air insulated sheet, provides improved heating and cooling performance, adding to your comfort.

- ★ Hassle free turnkey installation.
- **★** Design & Erection.
- * Water proof.
- * Fire retardant.
- * Can be dismantled and shifted to new location.

















The incredible Victorian conservatory is a true classic which has been inspired from the late Victorian architecture.

The classic style will capture the eye of any beholder.

Victorian conservatories can be adapted to suit any style of home / restaurant.

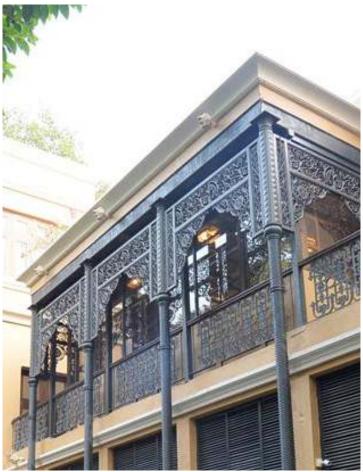
Whether you are looking for a outdoor lounge or outdoor dining space this conservatory style will add significant value to your property.

Encon offers customers a chance to choose the type of finish applied to the conservatory for that added splash of color.

All the best of the Victorian era is brought to life in this conservatory style, the highlight being the vast panoramic views, perfect for admiring ones outdoor all year around.























You have always wanted to bring in a bit of the outdoors and now is the time to consider adding a sun room, conservatory or enclosing a little used sun porch for year-round enjoyment.

Consider the space gained by converting an open porch into a 4-seasons sunroom.

Imagine morning coffee in your own sun room or the dramatic transformation of your home into your castle with the addition of a conservatory.

















LOUVER/ PERGOLA

Louver shading system can calibrate the amount of sunlight coming in the building to our comfort level. It allows you the option of having sunlight in winter and diffusing the glare in summer. It will reduce your energy bills. The shading system can be motorized or manual. It enhances the facade and the ambience. High quality maintenance free material ensures long life.





Range (Open able or Fixed):

Roof Facade Gazebo/ Cabana Gate & Fence Screen





Customization:

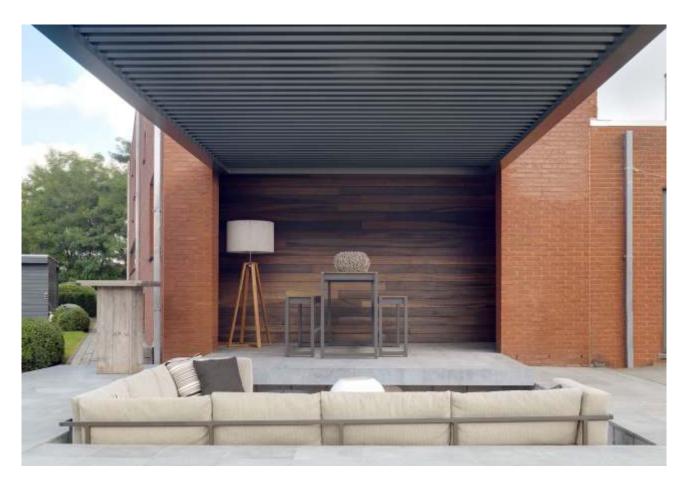
Encon's louver system can be installed vertical or horizontal or as per the angle of the sun. We will be happy to customize as per your design or your functional requirement.

Automation:

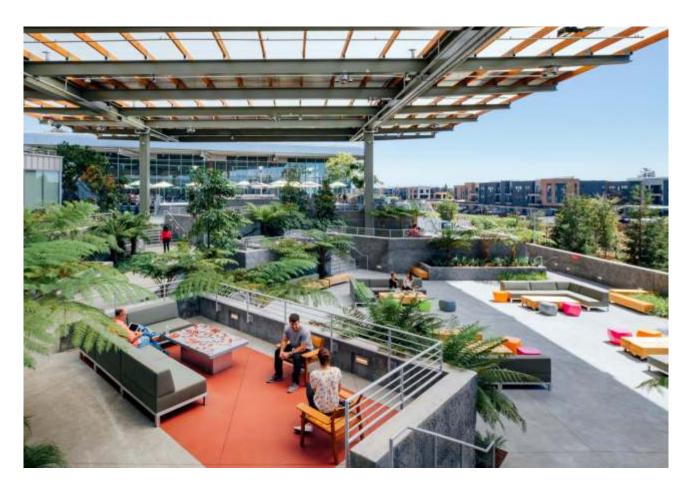
Encon's louver can be automated.

Automation will help optimize the sun. Sun light can be regulated to reduces the day light and air conditioning requirement. These can be operated by a switch, remote or building management systems from sensor control to PC control and internet control.

LOUVER/ PERGOLA









OFFICE BREAKOUT AREA





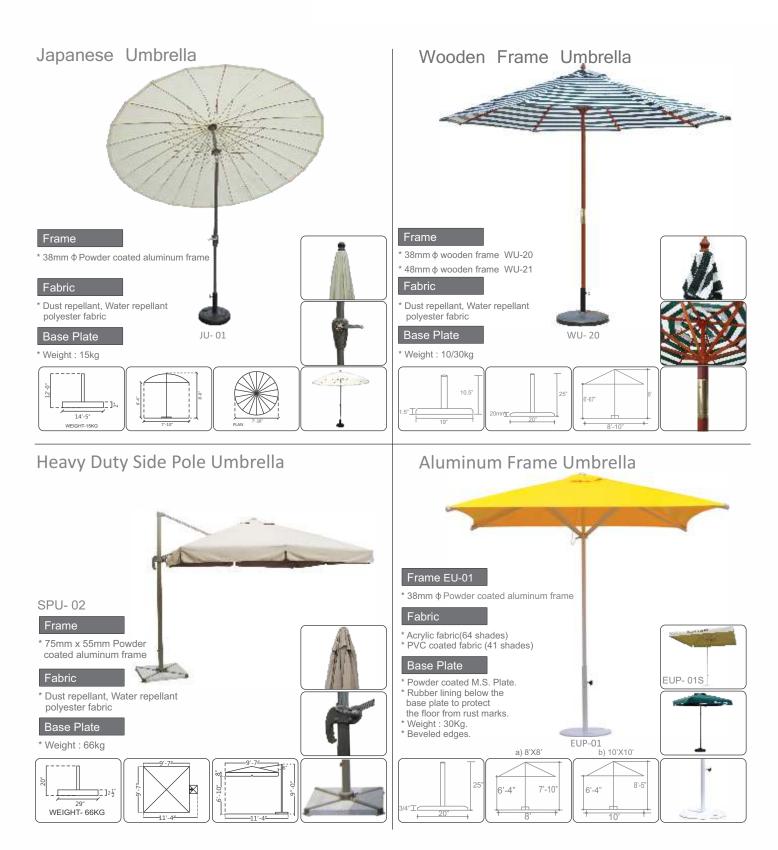
TENSILE UMBRELLA

Encon's tensile fabric umbrellas can be installed on a variety of surfaces, including concrete footings and slabs, timber decks and boardwalks. These fabric canopy structures are easy to transport and arrive to site fully preassembled or in component form for easy erection.

Our Architectural Umbrellas and Modulars are able to withstand strong winds.



UMBRELLA AND PARASOLS



Encon has a range of Umbrellas right from light duty to heavy duty to side pole umbrellas and parasols. We have been customizing umbrella's for the fast food, cafe and hotel industry. Costa, Nirulas, Lite Bite, Leela Kempinski, ITC Maurya Sheraton, Supertech, Vatika Coriander leaf, The Suryaa, Marriot, Khimsar Fort, Calcutta Cricket & Football club, Taj Palace, India Habitat World have been using our umbrellas for a number of years. We can provide Umbrellas in PVC Coated, fire retardant, Shading Mesh or European acrylic fabrics. These fabrics have good warranties ranging upto 5yrs against fading. Size: 6'-0" to 16'-0"

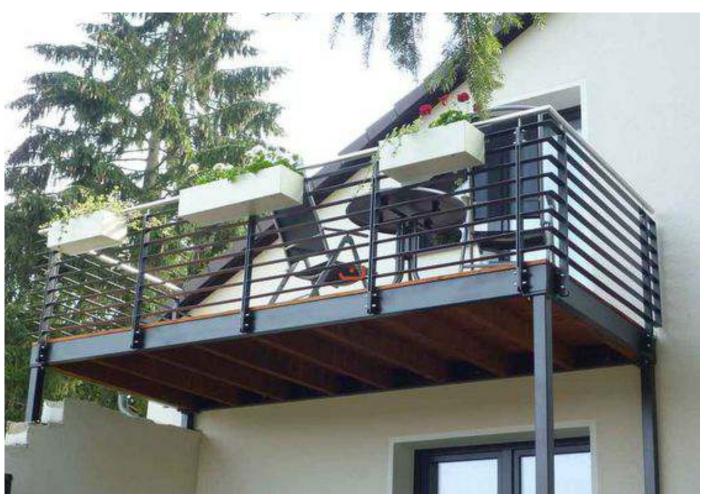
Balcony extension







Balcony extension





Balcony extension









PRODUCTION FACILITY & MANPOWER

Fabric Room:
In house fabric welding facility



Workshop: In house pipe bending machine and complete fabrication setup. We can weld M.S, SS and Aluminium at our works.



Manpower:

The most talented and experienced manpower in the industry is working with us.

SHORT LIST OF OUR ESTEEMED CLIENTS













































































































SHORT LIST OF OUR ESTEEMED CLIENTS













































































































ENCON®



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