





ABOUT US

We are leading pre eminent provider of tents,membrane and Prefab structure services offering des1gn,manufacturing, sales and rental solutions.

We operate in Middle East and India and have delivered ample ProJects ;and possess more than O.G million sqm of fabric installation base in Qatar and India.

We are being praised for our excellence in our service.Our commitment to safely, product1v1ty, innovation, quality and risk management through every stage of project delivery 1s surpassed by none.

We assign a dedicated in house project *team* to deliver your project on time, within budget and enduring quality, adhering to most stringent safely standards,hence delivering the **most successful outcomes...**

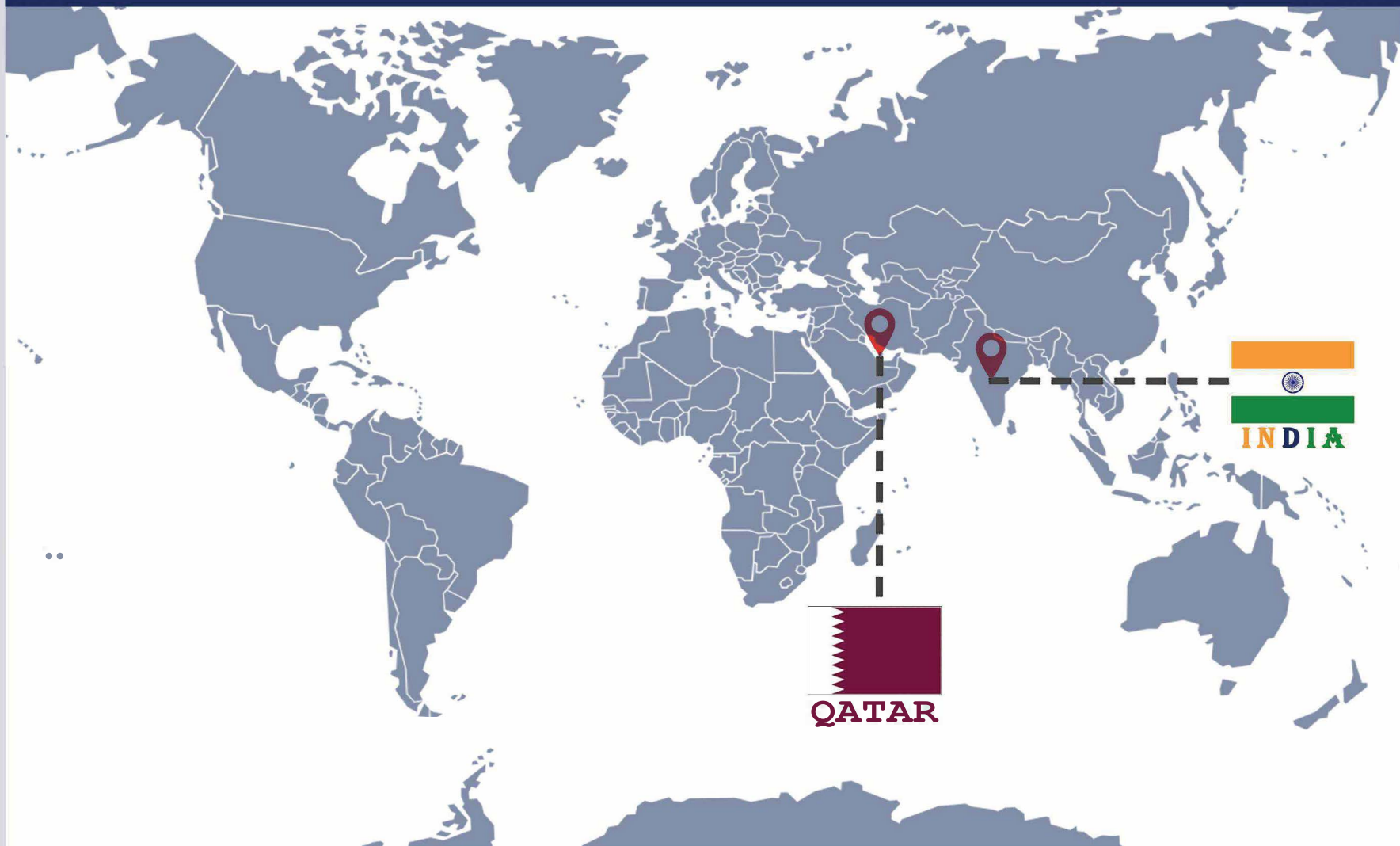


WORLD'S LEADING TENTS & MEMBRANE STRUCTURES FIRM, RESOLVING MOST COMPLEX CHALLENGES FOR OUR REGARDED CLIENTS IN ORDER TO BUILD LEGACIES FOR GENERATIONS....

**DECADE
OF
EXPERIENCE**

**300+
Completed
Projects**

**25+
Qualified
Professionals**



WE ARE LOCATED IN **QATAR** AND **INDIA(KOCHIN)**.
OPERATIONAL IN ENTIRE MIDDLE EAST 1\$ALL OVER INDIA...

OUR FACTORIES

In India we have facility for the steel fabrication. Also, we have associated with few of the large fabrication companies for steel fabrication of massive structures.

For membrane seaming process, we have High Frequency welding machine targeting the fast delivery of the membranes for our Indian and Qatar operation. Also, we have plotter machine for fabric plotting and cutting.

Our production and execution facility is currently functioning with full swing operations in India & Qatar. Most of our equipment for fabric welding, patterning and rope swaging machines and tools are well engineered European machineries. Our company follows the entire industrial standard internationally accepted for manufacturing and erection of the membrane structures.

MACHINERY IN STEEL PROCESSING



STEEL SHOT
BLASTING



STEEL TESTING



STEEL WELDING



STEEL CUTTING

STEEL PROCESSING FACTORY

Our steel structure processing factory has a CNC intersecting wire cutting machine, plate bending machine, beveling machine, and a finishing work with turning, milling, planing and drilling.

It has the qualification of first level, class 1 of steel structure issued by the competent department of construction.

FABRIC PROCESSING FACTORY

Our film processing factory has production of PVC, FVDF, PTFE and ETFE.

It has the qualification of membrane structure design and construction issued by the Ministry of Housing and Urban Affairs.

MACHINERY IN FABRIC PROCESSING

FVDF WELDING
MACHINE



FABRIC CUTTING
MACHINE



FABRIC TESTING
MACHINE



FABRIC WELDING
MACHINE



OUR REGARDED CLIENTS



APPROVALS



“ WE NEVER FORGET THAT YOU COMPLETELY PUT TRUST ON US TO REALISE YOUR
DISTINCTIVE PROJECT DELIVER WITH EXCELLENCE.....”

WE ARE CREATIVE TEAM

- In the current context of impetuous growth in construction and infrastructure, it is obvious that the existing methods and technologies are incompetent and unsatisfactory, here 5truqta takes its role with its fully fledged professional team to challenge and revolutionize the way infrastructure being built to next level.
- At 5truqta, we are privileged and Joyful to have a team lead by professionals qualified from German and European universities who would never give up on international standards in terms of enduring quality, stability and durability.
- The project management team with 5truqta to deal small scale to complex level projects holds decades of experience in industry serving the remarkable needs of our regarded clients at the front line of company's core interest.



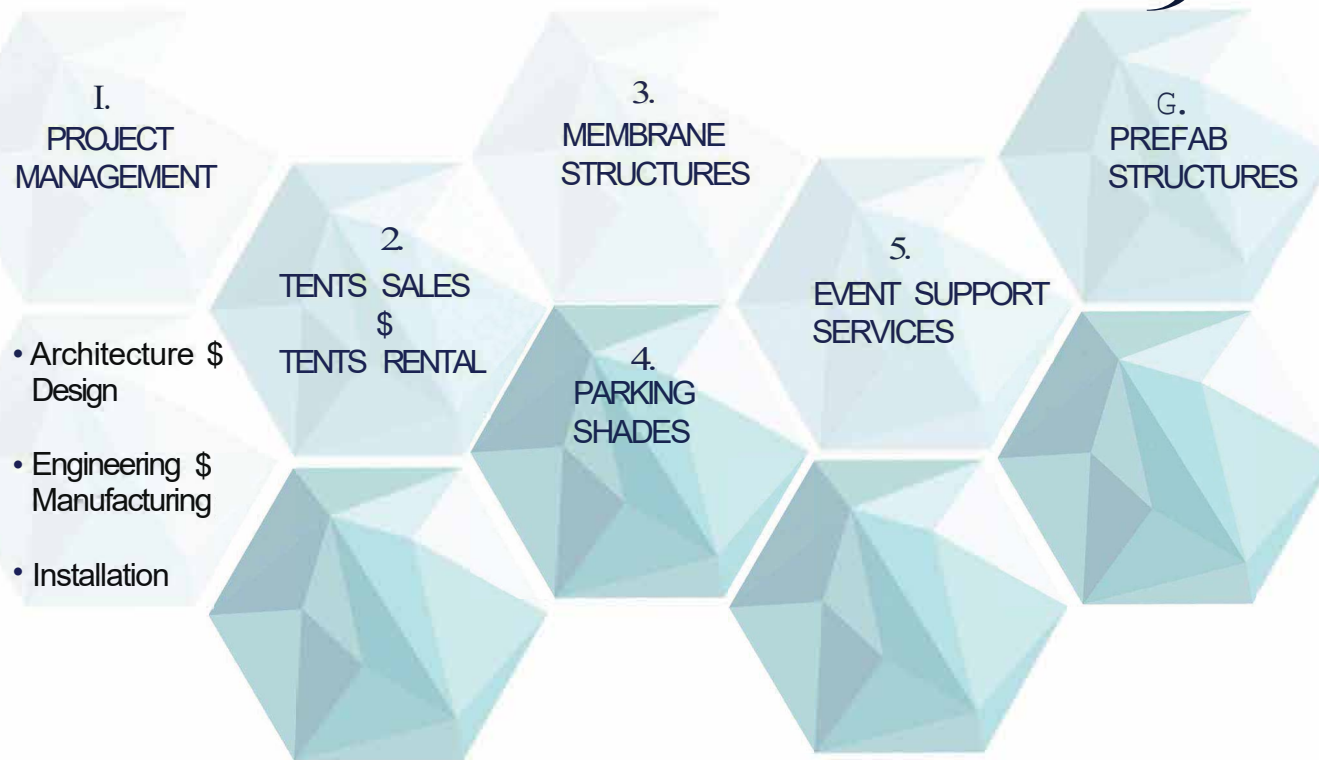
!! ...MESSAGE FROM OUR DIRECTOR...

***IN ORDER TO CREATE A PATHWAY
TO THE FUTURE WE WANT FOR
ALL;
IN THESE TRENDS & IT INDUSTRY
STRIVE FOR AN IDEA THAT
SEEMS ABSTRACT AND TURN
INTO REALITY FOR ALL THE
WORLD'S PEOPLE!!!***

AASHIQ SAINUDEEN

!!

OUR SERVICES



CHOOSE US

- 5truqta stands out by possessing the competitive edge of having a fully fledged designing team lead by qualified designers from German universities and European design partners have more than three decades of experience in the field of membrane structure designing and engineering.
- From design, development through engineering, fabrication, installation and maintenance, we have established a reputation in fabric architecture for quality, service and reliability.

We are committed to leaving a legacy of progress by developing local skills for sustained economic opportunity, improving the resilience of sustainable architecture; making the world a better place.

WE CONSTRUCT ENDLESS POSSIBILITIES!!!

OUR PRODUCTS

01 TENTS

Gazebo
Pinnacle
Bow
Crook
Neo

Dome
Swirl
MaJlis
B1 Level

02 MEMBRANE STRUCTURES

Tensile Roofing Systems
Membrane Facades

03 PARKING SHADES

04 EVENT SUPPORT SERVICES

Interior Furnishing
Exterior Furnishing
Electrical Service Supplies

05 PRE FABRICATED STRUCTURES

Residential
Commercial - Industrial
Institutional
Mobile Factory Solutions

Multi Level
Storage/ Warehouse
Hybrid Systems

SOLUTIONS

- Event solutions
- Sports solutions
- Oil & gas solutions
- Military solutions
- Accommodation solutions
- Construction solutions
- Shades solutions
- Consolation Tent solutions
- Medical solutions
- Agricultural Solutions


**OUR EXPERTISE HAS MADE US
FLEXIBLE IN HANDLING COMPLEX
PROJECTS REALISING THE
CHALLENGE IS TO MAKE
COMPLICATED THINGS SIMPLE.....**

TENTS OR MOBILE HALLS




Tents or the mobile halls are the main stream products of Struqta, getting continuous client preference. we provide multiple forms of tents for both rent and complete ownership for client's intended purposes like urgent medical deploy, warehousing, *events*, sports arenas, oil and gas, exhlb1t1ons, accommodations etc.


PROPERTIES




Flame Resistant




5 Years Warranty



Tear Resistant



Visual Comfort



Snow Resistant




Thermal Comfort




Wind Resistant



Dimensional Stability



UV Resistant



Acoust1c Comfort

COLOUR OPTIONS

 WHITE

 CREAM

 LIGHT GREY

 DARK GREY

 BLACK

 RED

 ORANGE

 YELLOW


 LIGHT GREEN

 DARK GREEN


 BLUE

 DARKBLUE


SIDE WALL OPTIONS




PVC




Sandwich panel




ABS panel



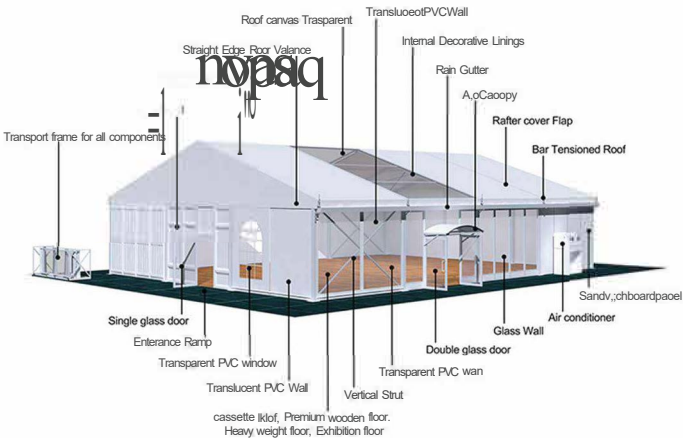
Clear PVC french Window



Hard PVC



Glass




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RAIN GUTTER




FLOORING OPTIONS



Wooden



Checkered Aluminium



Aluminium

GAZEBO

Gazebo is a stylish square pagoda structure with a clear span aluminium framework and peaked roof.

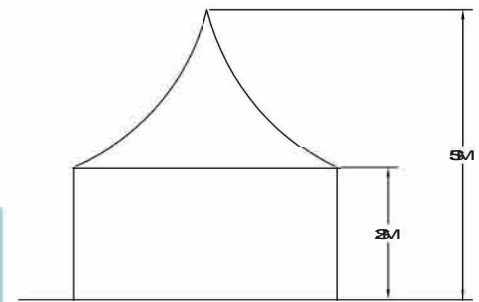


ROOF: PVC Coated polyester fabric
Water proof, UV resistant,
fire retardant.

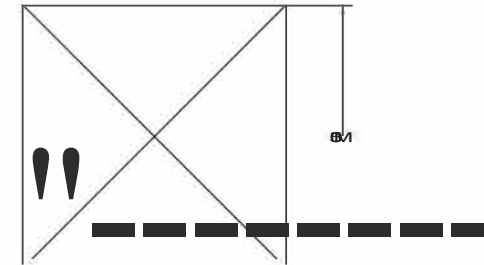


MAIN PROFILE:
Hard pressed extruded
aluminium alloy T6063 T6

WIND RESISTANCE: 130KM/HR



ELEVATION



PLAN



Gazebo comes as standard with white opaque roof which can be customised to transparent roofing as well, side wall panels, featuring door and window as per requirements.

Gazebo is available in square floor plan with sizes ranging from (3x3m to 8x8m); rectangular floor plan with 2 sizes (3x6m & 4x8m); hexagonal floor plan with 3 sizes (23,44 & 65sq m) side wall height 2.5m in all.

APPLICATION

Gazebo structures are ideal for use at country fairs, culinary events, exhibitions, weddings and parties.



PINNACLE

Pinnacle is a pyramid shaped structure *very* durable, flexible and simple becoming a versatile option for a wide range of uses.



ROOF: PVC Coated polyester fabric
Water proof, UV resistant,
fire retardant.

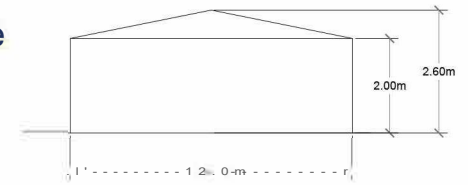


SIDE WALL: PVC With french windows
to lit the interior space.

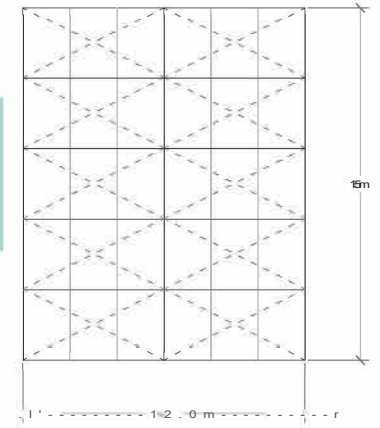


MAIN PROFILE:
Hard pressed extruded
aluminium alloy TGOG I/GI

WIND RESISTANCE: 160KM/HR



ELEVATION



PLAN

Pinnacle is available in widths ranging from 3-12 metres. The length is unlimited. The roof canopy comes in white opaque or transparent and the white sidewall panels, with or without windows provided with membrane door or aluminium glass door as per requirement.

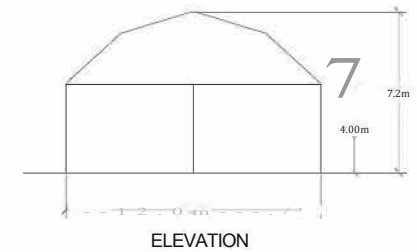
APPLICATION

Pinnacle is ideal for a wide range of uses, such as festivals, shows, parties, exhibitions and back of house functional uses like kitchens, offices, mess halls, green rooms etc



BOW

Bow 1s a polygon shape tent with large span without any internal columns making it stronger and durable, with a clear span roof, creating a spacious indoors.



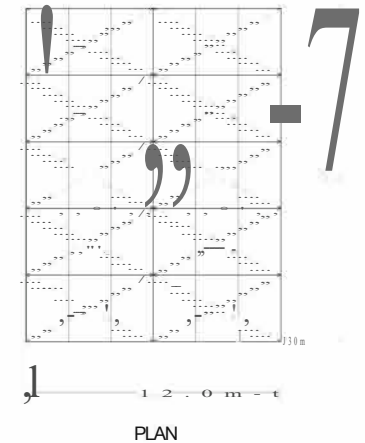
ROOF: PVC double-coated polyester fabric Water proof, UV resistant, fire retardant.



SIDE WALL: Multiple side wall options suiting the requirements



MAIN PROFILE:
Hard pressed extruded aluminium alloy TGOG I/GI



WIND RESISTANCE: 1 GOKM/HR

Bow 1s is available in widths ranging from 12-40 metres. The length is unlimited with 5m each bay. The roof canopy comes in white opaque or transparent and the white sidewall panels, with or without windows provided with membrane door or aluminium glass door as per requirement.

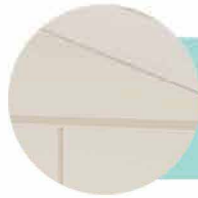
APPLICATION

Bow 1s is widely used in indoor sports like tennis court tent, basketball tent, football tent, ice skating tent, also finds application in top grade events, mess halls, warehouse etc

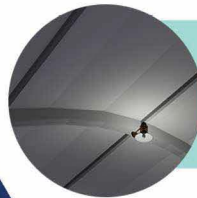


CROOK

Crook tent can be built as a single, two or three storey pavilion. It's curved roof design, offering a unique, high-end, contemporary and eye-catching look.

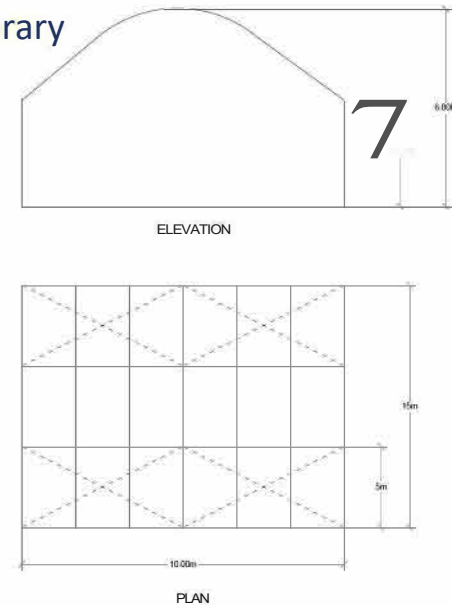


ROOF: FVC double Coated polyester fabric Water proof, UV resistant, fire retardant.



MAIN PROFILE:
Hard pressed extruded aluminium alloy TGOG I/GI

WIND RESISTANCE: 160KM/HR



Crook is available in various widths ranging from (10-40m) with Heights (4.94-9.6m). With options for interior and exterior balconies, stairs, and a variety of other enhancements, the structure creates a custom, functional, and versatile event venue.

APPLICATION

Crook is widely used in unique tenting solution for the festival, sports stadium, trade show, exhibition, party, event, press conference, warehouse, storage etc.



BI LEVEL

The B1 Level tent is unique * truly eye catching and the overhang creates a useful cover for a terrace or balcony of a temporary structure. That makes it ideal as a hospitality suite for sporting events, VIP receptions etc

ROOF: PVC double Coated polyester fabric Water proof, UV resistant, fire retardant.

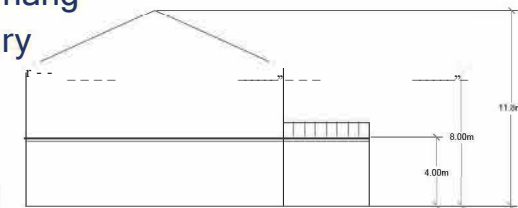
MAIN PROFILE:
Hard pressed extruded aluminium alloy TGOG I/GI

WIND RESISTANCE: 1 GOKM/HR

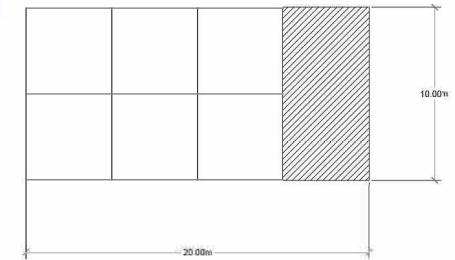
Bi Level Tent Structures from comes in widths ranging from 10m-30m & ridge ht (9-13m). Available with white, clear or window walls with optional items such as clear roofs, glass walls and doors can dress up the Bi Level to luxury solution to your tenting needs.

APPLICATION

B1 Level are used for sporting events, from golf tournaments to racetracks and from trade shows to fairgrounds.



ELEVATION



PLAN

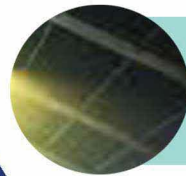


SWIRL

Swirl fulfils the need for a permanent quick-fit structure to house the biggest events worldwide. Besides its appealing shape and design, it has some prominent features of tremendous importance over other existing structures. Its shape not only allows an outstanding interior height, but it was also designed to be one of the most durable and safe.

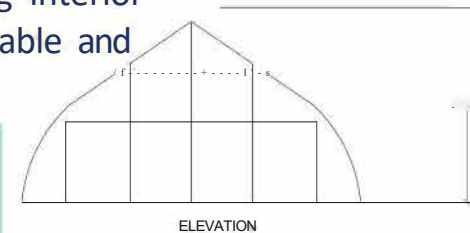


ROOF: FVC double Coated polyester fabric Water proof, UV resistant, fire retardant.

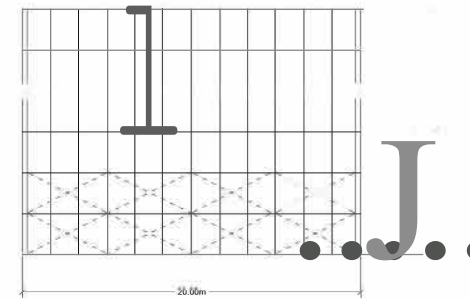


MAIN PROFILE:
Hard pressed extruded aluminium alloy T6061/T6

WIND RESISTANCE: 160KM/HR



ELEVATION



PLAN

Swirl Tent Structures come in widths ranging from 12m-40m & ridge height (6-13.8m). Modular structure, the length is adjustable by 5m unit. 25° Roof pitch and perfect roof tension system allow Swirl to have better performance and survive in heavy snow situation.

APPLICATION

Swirl is widely used for temporary outdoor weddings, parties and banquets, festival celebrations, conferences, sports event, trade show, trade fair, advertising and temporary workshops etc



DOME

Dome tent can hold snow, wind and rain with the best designs in architecture. Option with insulation, wood stove and climate control options make them a shelter for all seasons. It brings a comfortable accommodation for all seasons, curtains in the transparent part of the tent added to protect the internal privacy, getting rid of the fast-paced lifestyle of the city.

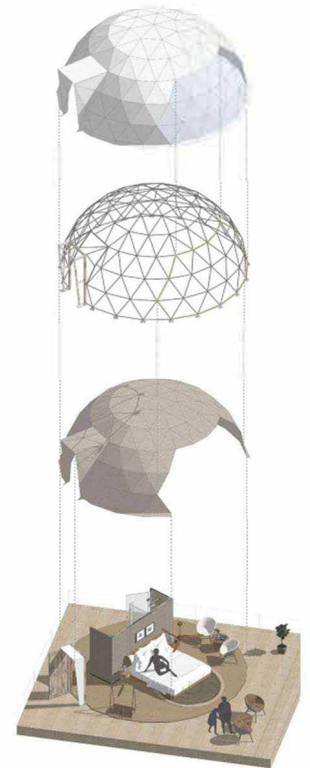


ROOF: FVC double Coated polyester fabric Water proof, UV resistant, fire retardant.



MAIN PROFILE:
Hot dipped Galvanised Steel pipe Q235

WIND RESISTANCE: 25M/SEC



Dome Tent Structures come in diameter ranging from 6-50m & centre height (3-18m). Other than PVC other optional covering materials include Reinforced glass, carbonate panel, Aluminium Composite Panel, Solar Panel Provided with door and window opening as per design requirements.

Architecture

Dome is the perfect solution in attracting for the numerous occasion including the large carnival, commercial events, product launch, modern technology sharing, gathering in farm etc.



MAJLIS

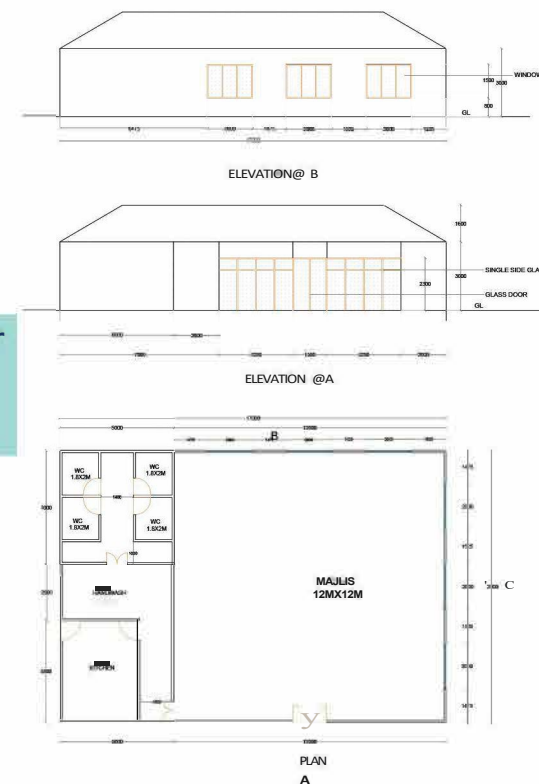
Majlis tent is the traditional tent in Arab countries; it combines the styles of Arab brilliant beyond and superior future. These are skillfully created to mirror its fantastic patterns revealing the maximum beautiful shade combinations.



ROOF: FVC double Coated polyester fabric Water proof. UV resistant, fire retardant.

MAIN PROFILE:
Hard pressed extruded aluminium alloy TGOG I/GI

WIND RESISTANCE: 160KM/HR



Majlis Tent Structures from comes in various sizes. Provided with door and window opening and customised as per client requirements.

APPLICATION

Majlis Tent finds applications as an extension area for a private house or for different gatherings commonly in the Middle East



NEO TENT

Neo tent with its classical high peaked classical appearance becomes one of our attractive options available in both single and double storied as per design.

rr.unr-

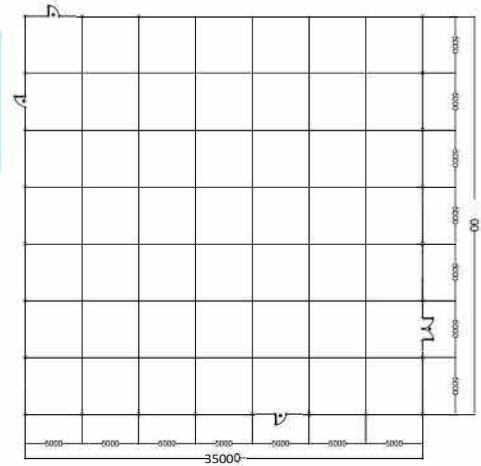


ROOF:FVC double Coated polyester fabric Water proof.UV resistant, fire retardant.



MAIN PROFILE:
Hard pressed extruded
aluminium alloy TGOG I/GI

WIND RESISTANCE: 160KM/HR



NeoTent Structures from comes in bay spans ranging from (1-4m) & side ht (9-11m). Provided with door and window opening with different side wall options as per design requirements.

APPLICATION

Neo Tent finds applications mainly for clubs, numerous occasion including the large carnival, commercial events, product launch.indoor sports etc



MEMBRANE STRUCTURES



MEMBRANE STRUCTURES

We are specialized in the design- build of custom membrane structures, roof system and membrane shades that are designed to international building codes in a quality controlled environment. Our membrane structures are the most common type of thin shell shelters possessing abnormal strength and stiffness to withstand any amount of loads and proven to be the most versatile and cost effective solution. Our projects range over transportation hubs, performing art centers, aviation hangars, parking shades and public work buildings etc.

These pre-designed tensile canopies, shades, facades and stage covers represent our best value products. By using tensile structure technology we can convert usual area into public space any city could be proud of and be a landmark destination .

TYPES

• TENSILE ROOFING SYSTEM

• SCREENS AND FACADES

MATERIAL OPTIONS

PVC, PTFE , HDPE , ETFE .

While PVC is widely spread and quite affordable PTFE is famous for it is vibrant white color, earth friendly and durable qualities.

ADVANTAGES

1. Large Span:
Membrane Structures can create spacious area spanning over 200m.
2. Cost Effective
Expenses are 1/3 Less than traditional concrete buildings.
3. Durable
Our premium quality materials increases the durability.
4. Transperency
Fabric ensures natural light into the space without glare.
5. Weather Proof
Membrane structures can withstand scorching desert to the rigid polar climate.
6. Flexible & Eco Friendly
Fabric allows to create any shape of structure ;good reflection with low solar absorption makes it eco friendly by reducing power consumption.

PROPERTIES



Flame Resistant



10 Y Warranty



Tear Resistant



Thermal Comfort



Snow Resistant



Dimensional Stability



UV Resistant



Wind Resistant

TENSILE ROOFING

Tensile roofing systems are architecturally innovative forms of construction art that provides designers and end users a variety of aesthetic *free-form* roofing designs utilizing membranes .



Commercial



Institutional



Entertainment * Retail



Sports

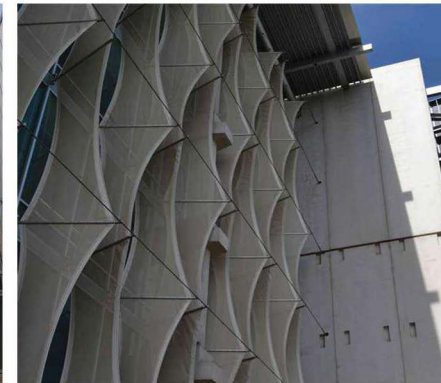


Recreational Spaces

MEMBRANE FACADES

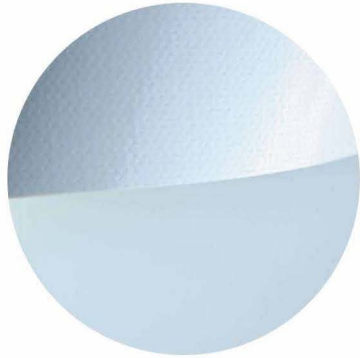
Membrane Facade is an exciting and *cost-effective* architectural solution to aesthetically transform and enhance building. The flexibility of fabric allows for attention-grabbing shapes, colors and textures all with the additional practicality of all *climate* weather protection or easy solar control.

Membrane Facades enables architects & designers the flexibility to offer clients alternate, affordable & low-maintenance design solutions.



ADVANTAGES

- Conservative Renovation
- UV Protection
- LEED Energy Performance
- Sustainability



PVC

1. The strength and fire resistance of PVC fabric membrane materials have a certain gap compared with PTFE. The service life of PVC fabric membrane materials is generally 7 to 15 years. In order to solve the self-cleaning problem of the PVC fabric membrane material, Polyvinylidene Fluoride Resin is usually applied to the PVC coating material as a PVDF membrane material.
2. Another PVC fabric material coated with TiO_2 (titanium dioxide) has a very high self-cleaning property.
3. It is classified as B1 grade flame retardant material.



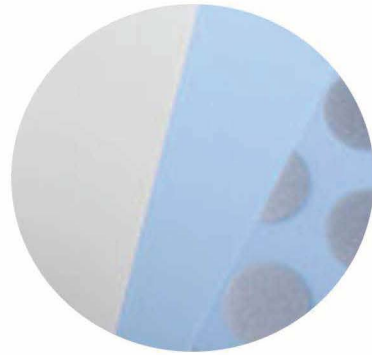
PVDF

- PVDF fabric with good strength and flexibility is used in the construction of membrane structures. PVDF membranes are materials obtained by weaving fibers into fabric substrates and processing and repairing resins on both sides of the substrate. Central fabric substrate materials are divided into polyester fibers and glass fibers.
- It has the advantages of high thermal softness, low cracking, high cost performance, short production cycles and fast construction.
- PVDF membranes that clean themselves have power hold more than 15 years.



PTFE

1. The PTFE membrane is characterized by high strength. The medium-strength PTFE membrane has a thickness of only 0.8 mm, but its tensile strength has reached the level of steel.
2. The use of a wide temperature range, can be used in the temperature range of $-70^\circ\text{C} \sim 230^\circ\text{C}$.
3. Self-cleaning is good, rain can wash away the attachments on the surface;
4. With high light transmittance, light transmittance of 13%, reflectivity of thermal energy of 73%, heat absorption is small;
5. The service life is more than 25 Yrs.



ETFE

1. The ETFE membrane thickness is only 0.2mm, which is a transparent film with high light transmission, light transmittance of up to 95%, and is not affected by ultraviolet light to ensure the natural light inside the building.
2. The quality is light, only 0.15-0.35 kg per m², and corrosion resistance, negative pressure resistance, fire protection standards reach B1, DIN4102 grade.
3. High anti-fouling, easy to clean, service life of at least 25-35 years, and can also recycle materials. Waste membrane can be reused to produce new membranes.



HDPE

HDPE FABRIC

(High Density Poly Ethylene Fabrics)
HDPE Shade Cloth is typically used when the shade is the primary requirement and waterproof fabric is not necessary. Shade cloth is knitted as opposed to woven like most other fabrics. The fabric is relatively inexpensive and with several manufacturers, there are dozens of colours to choose from. This material is not highly durable and not water proof. Therefore we recommend only for the shading purpose only. Also this material can be used for fencing which can provide privacy inside of the cladded areas.

PARKING SHADES



Struqta offers a variety of parking solutions. Our team uses state-of-the-art technology to give you technical excellence as well as aesthetic splendor. Parking shades offer maximum shade for your parking lots and car parks with minimal physical obstruction.



Parking shades are perfect for retail operations, hotels, sports complexes, resorts, and more. Our parking shades are custom built to your premises needs.

OUR PRODUCTS ARE OF THE HIGHEST QUALITY AND OUR DESIGN TEAM CAN CUSTOMISE ANY STRUCTURE THAT IS PERFECT TO SUIT YOUR REQUIREMENTS.

Our Standard modules include following;



Cantilever Top Support



Cantilever
Bottom Support



Arch Shape



Umbrella Shape

Fabric

PVC, PVDF OR HDPE with highest UV Protection or other fabrics su11ing the design requirements.

Wind resistance speed 160 km/h

Snow load

Up to 175 kg/ Sq M

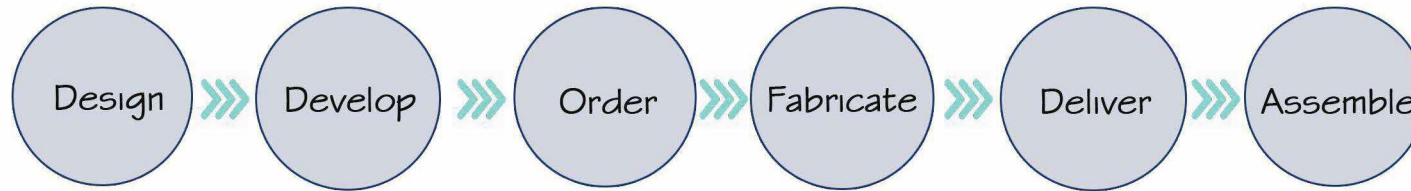
Other features

Steel Structure

PRE - FABRICATED STRUCTURES

Struqta provides the affordable, ecofriendly, multipurpose solutions for all Construction Sectors..

HOW WE DO IT



APPLICABLE AREAS ILLUSTRATIVE IMAGES

Residential
Villas | Social Housing



Commercial
Retail | Offices | Storage | Hospitals | Shelters



Industrial
Factory | Worker Accommodation | Warehouse



Institutional
Schools | Colleges



SUSTAINABLE APPROACH



BUILDING A BETTER WORLD

LGS TECHNOLOGY

Cold Formed Steel Construction is an advanced precise system using the latest technology. It provides a building system with the key competitive advantages of speed maximisation and waste minimisation.

For the construction of a building, the Light Gauge Steel Frames (LGSF) could be manufactured in a factory and assembled in to LGSF structures.

Based upon the selection of the steel frame and its parameters; by using these methods we can construct buildings from Ground Floor up to G + 14. These methods can be effectively used to create Single Storied or Multi Storied buildings as per the requirement.

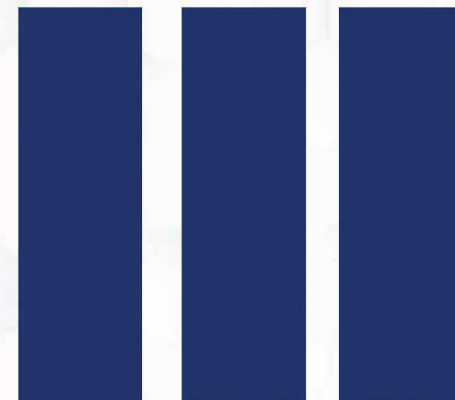
ADVANTAGES:

1. Fast
2. Durable
3. Safe
4. Versatile
5. Sustainable

MOVING
NEXT
LEVEL

ENQUIRE US FOR MORE DETAILS ABOUT OUR NEW SERVICE

FAST TRACK PROJECTS



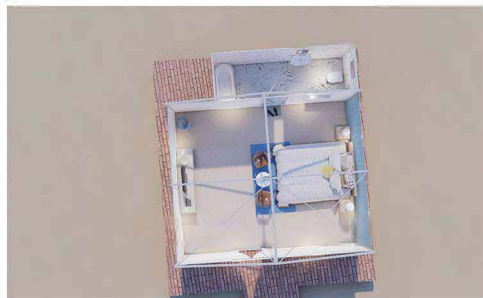
SARAB CAMP

DESIGN, SUPPLY & INSTALLATION OF 100+ LUXURIOUS TENTS
@ SARAB CAMP.



TENDER AWARDED BY THE
SUPREME COMMITTEE OF DELIVERY AND
LEGACY HOSTING FIFA 2022.

MAIN CONTRACTOR:



SITE GLIMPSES

Installation of Majlis
Framing @ Site



Site Survey in order
to maintain accuracy
in Installation.



CAMEL MARKET

Supply and installation of Tens1le Membrane Structure with foundation

CAMEL MARKET

Supply and installation of Tens1le Membrane Structure with foundation

MASSIVE MEMBRANE STRUCTURE IN QATAR BYSTRUQTA

99

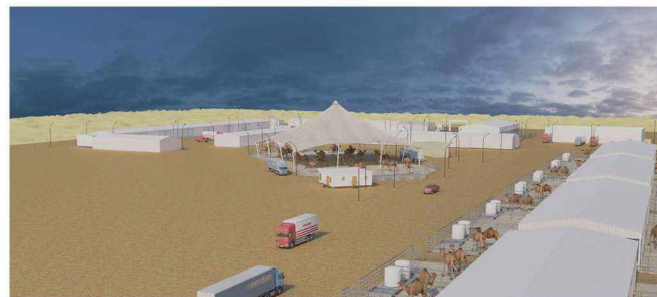
PROJECT AREA: IG005QMT

CLIENT

MAIN CONTRACTOR



Al-Wakrah Central Market <,1;...l;o il o;...l,Jl .§g.....,



SITE GLIMPSES

Excavation @ Site



Foundation @ Site



DELIVERING EXCELLENCE

OPTIONAL SERVICES

FLOORING \$ CARPETS

We offer an engineered flooring system that helps in the ground leveling also Variety of premium quality carpets for indoor If outdoor purpose.



DOORS \$ WINDOWS

All types of doors \$ windowa are provided to ensure natural light and ventilation \$ *keep* air cond1t1oned structure at comfortable temperature



ACCESS RAMPS

Ramps can be added order to ensure safe access1bil1ty.



SANITARY SUPPLIES

Sanitary Supplies related to your space 1s provided If High Quality drainage PVC pipes and all related connections ensuring leakproof drainage connection.



OPTIONAL SERVICES

LIGHTS

We have variety of choices of lights to make your venue more colorful.



AC

Air conditioning units are available for all kinds of tents and structure.



CHAIRS

Variety of chairs ranging from padded chairs to plastic ones.



INTERIOR FURNISHINGS

We design the furnishings suiting your space and provide the best possible options meeting your budget.





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