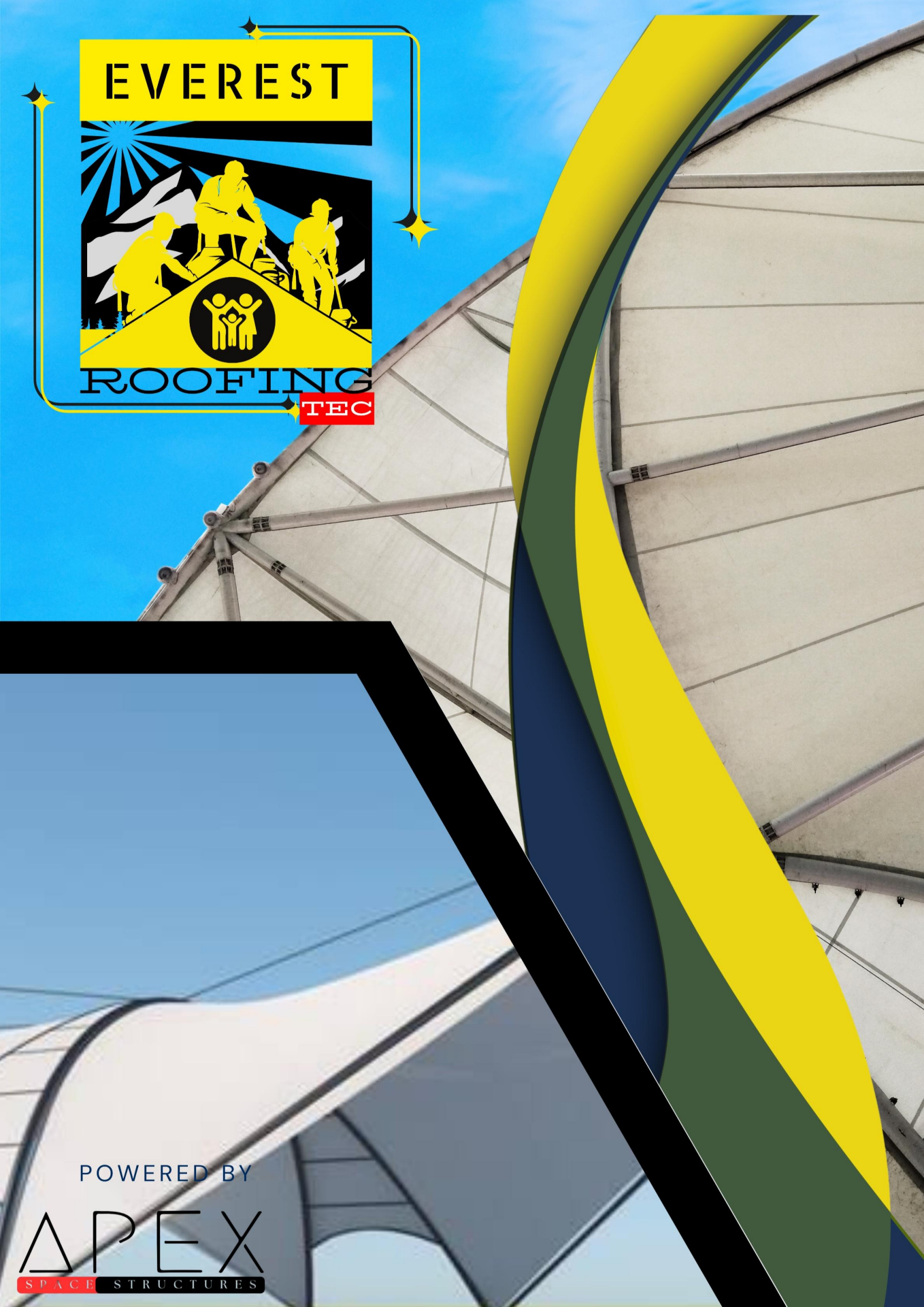

EVEREST
ROOFING
TEC
POWERED BY
APEX
SPACE STRUCTURES

About Us.

Introduction

Incorporated in the year 2014, in Tamilnadu, we “EVEREST ROOFING TEC” are the eminent organization involved in Manufacturing and Supplying a wide gamut of Tensile Structure, Awnings Structure, Tensile Gazebo, Tensile Umbrella, Tensile Fabric Structure, Swimming Pool Shade, Outdoor Canopy & more. These structures and coverings are considered as per our clients’ obligation and are manufactured utilizing tremendously resistant PVC coated fire retardant fabric with PVDF protection. Our product range is extensively used in corporate offices, hotels, hospitals, retail malls, business complexes, residential apartments and amusement parks. The offered products are appreciated for their unique features such as enhanced durability, sturdiness, perfect finish, easy to use and rust-proof.

EVEREST ROOFING TEC

ABOUT TENSILE STRUCTURE

TENSILE STRUCTURES

Tensile Structure are fabricated as permanent or temporary canopy structures for commercial, residential, Architectural industrial construction and landscape artwork. This unique fabric roof cover strives for a light and airy look by minimizing the amount of framing and utilizing the strength of the fabric to help support the stability and equilibrium of the structure.

SUPERIORITY OF TENSILE STRUCTURE

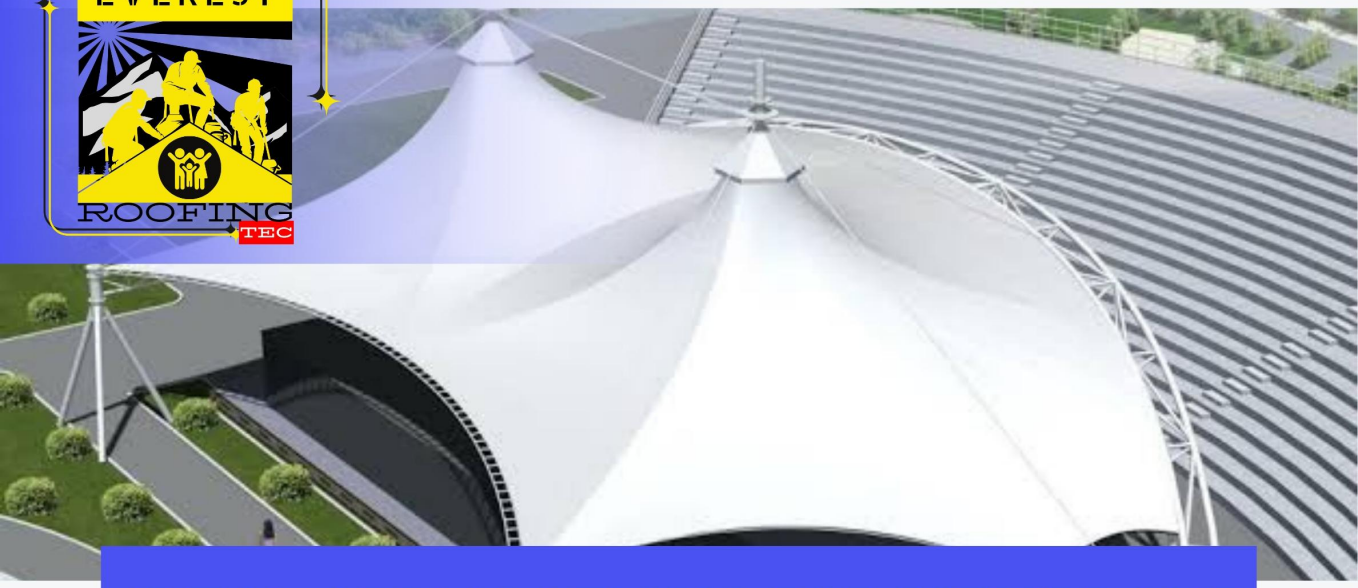
- Cover great surfaces without support columns.
- Design spaces that are bathed in light.
- Realise completely new construction shapes with good aesthetic view.
- Create a memorable view and design
- Good UV and weather resistance.
- The tensile fabric are flame retardants and has fungicidal protection.
- PVDF Lacquer coating protects fabric against any environmental influences.
- Construct efficiently with only as few resources with quick installation process

FABRIC MATERIAL

The base fabric inside is PVC fabric which is providing most of the strength and mechanical properties. PVC is keeping together the fabric by warp and weft bindings, protecting it and adding to the mechanical properties. Apart from the basic fabric these are protected by the coatings and from UV rays, pollutions, humidity, chemical substances, etc.

MAJOR FABRIC COATINGS

- Acrylic coating (5 – 7 Years warranty)
- Single side PVDF lacquered coating - Only in Top side (10 Years warranty)
- Both sides PVDF lacquered coating (15 Years warranty)



IDEAL APPLICATIONS FOR MEMBRANE ARCHITECTURE

- Car Parking Shades
- Terrace covering structures
- Entrance Tensile Structures
- Tensile Canopies
- Restaurants Cones
- Auditorium Tensile Structures
- Walkway Covering Structures
- Beach Tensile Umbrella
- Tensile Fabric Architectures
- Swimming Pool Enclosures
- Atrium Structures

IDEAL APPLICATIONS FOR MEMBRANE ARCHITECTURE

Shade cloth

Tensile Shade cloths has come with cover factor (UV block and give shades) became increasingly important as the applications for people protection such as at kindergartens, schools and playgrounds, started to grow. Shade structures are now used for any application that requires shade and/or wind protection.

APPLICATION OF SHADE CLOTH

Preschools, Secondary schools, Colleges, kindergartens
Council playgrounds, athletic sports grounds and aquatic centers
Hail protection for vehicles, forklifts and other machinery
Industrial safety screens and fall nets
Commercial businesses, outdoor entertainment and relaxation areas
Property developers, landscaped areas of new estates

TYPES OF FABRIC GSM (THICKNESS, STRENGTH, RESISTANCE)

TYPE - 0 (640 GSM)

TECHNICAL DATA	BASE	WEAVE	TOTAL WEIGHT	MAX. TENSILE STRENGTH WARP/WEFT	TEAR STRENGTH WARP/WEFT	ADHESION	FLEX RESISTANCE	TEMPERATURE RESISTANCE	FLAME RETARDANCY
STANDARDS	DIN 60001	ISO 9354	EN ISO 2286-2	EN ISO 1421	DIN 53363	EN ISO 2411	DIN 53359 A	DIN EN 1876-1	EN 13501-1
TYPE 0	PES low-wick	Plain Weave 1:1	640 (g/m2)	2600 / 2500 (N/5 cm)	250 / 250 (N)	100 (N/5 cm)	At Least 1,00,000 bends	-30 °C, +70 °C	B-s2, dO

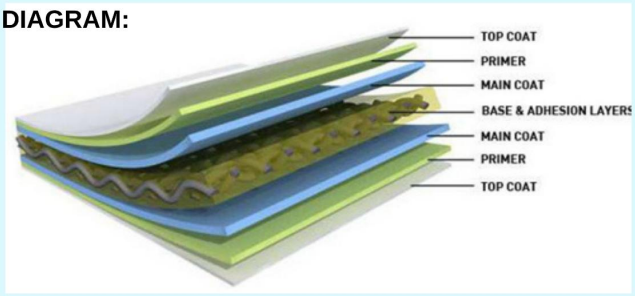
TYPE - I (700 GSM)

TECHNICAL DATA	BASE	WEAVE	TOTAL WEIGHT	MAX. TENSILE STRENGTH WARP/WEFT	TEAR STRENGTH WARP/WEFT	ADHESION	FLEX RESISTANCE	TEMPERATURE RESISTANCE	FLAME RETARDANCY
STANDARDS	DIN 60001	ISO 9354	EN ISO 2286-2	EN ISO 1421	DIN 53363	EN ISO 2411	DIN 53359 A	DIN EN 1876-1	EN 13501 -1 DIN 4102
TYPE I	PES low-wick	Plain Weave 1:1	700 (g/m2)	3300 / 3000 (N/5 cm)	375/ 325 (N)	120 (N/5 cm)	At Least 1,00,000 bends	-30 °C, +70 °C	B-s2. d0B1: P-BW003-I -165300 M2

TYPE - II (900 GSM)

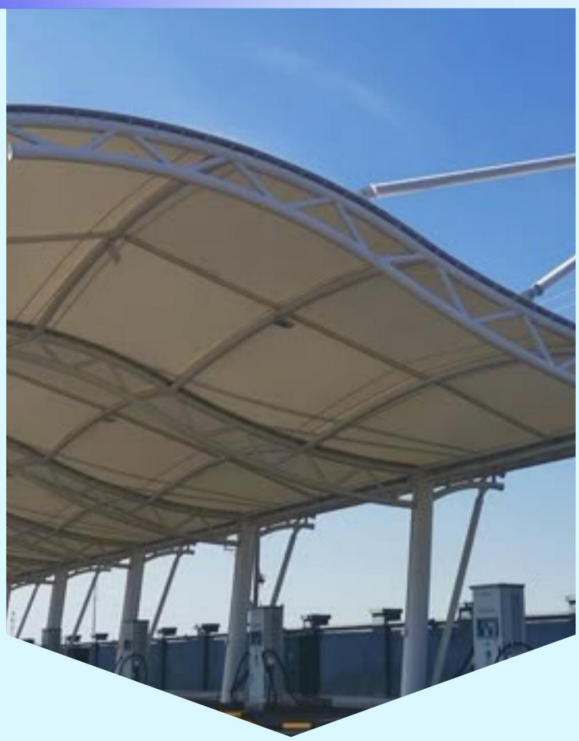
TECHNICAL DATA	BASE	WEAVE	TOTAL WEIGHT	MAX. TENSILE STRENGTH WARP/WEFT	TEAR STRENGTH WARP/WEFT	ADHESION	FLEX RESISTANCE	TEMPERATURE RESISTANCE	FLAME RETARDANCY
STANDARDS	DIN 60001	ISO 9354	EN ISO 2286-2	EN ISO 1421	DIN 53363	EN ISO 2411	DIN 53359 A	DIN EN 1876-1	EN 13501-1
TYPE II	PES low-wick	Panama	900 (g/m2)	4200 / 4000 (N/5 cm)	500/ 500 (N)	140 (N/5 cm)	At Least 1,00,000 bends	-30 °C, +70 °C	B-s2. dO

FABRIC LAYER DIAGRAM:



EVEREST ROOFING TEC

OUR PRODUCT RANGE



1 CAR PARKING SHED

EVEREST ROOFING TEC

OUR PRODUCT RANGE

2 GAZEBO STRUCTURE

EVEREST ROOFING TEC

OUR PRODUCT RANGE

3 WALKWAY STRUCTURE

EVEREST ROOFING TEC

OUR PRODUCT RANGE

4 CONE STRUCTURE

EVEREST ROOFING TEC

OUR PRODUCT RANGE

5 UMBRELLA STRUCTURE

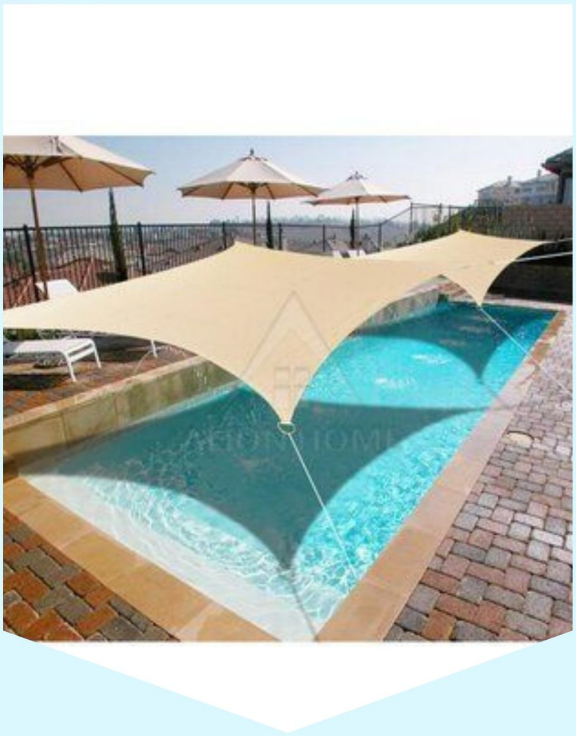
EVEREST ROOFING TEC

OUR PRODUCT RANGE

6 GARDEN SITOUT

EVEREST ROOFING TEC

OUR PRODUCT RANGE



7 SWIMING POOL SHADES

EVEREST ROOFING TEC

OUR PRODUCT RANGE

8 PERGOLA STRUCTURES

EVEREST ROOFING TEC

OUR PRODUCT RANGE

9 STADIUM STRUCTURES

EVEREST ROOFING TEC

OUR PRODUCT RANGE

10 PARAMETRIC STRUCTURES

EVEREST

ROOFING TEC

EVEREST ROOFING TEC
10/405,SAMATHUVAPURAM OPST
M P GARDEN
NADUVALUR
PALAKADU
GANGAVALLI(TK)
SALEM(DT)-636110

EverestRoofingTec

9043705464

everestroofingtec@gmail.com

9043705464