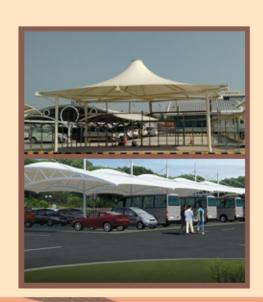




About Nest-In

Nest-In is Tata Steel's steel based modular construction solution. With its pan-India presence, and highly efficient delivery mechanism, Nest-In strives to provide complete turnkey solutions with a unique customer experience at its core. It is suitable for various applications like Pre-fab housing, Pre-fab modular toilets, Water ATMs, Portable Cabins, Premium Houses etc.



NEST-IN BRANDS





Is a pre-fabricated house Is a water vending kiosk



Is a portable cabin



Is a rooftop premium housing

Is a tensile fabric based structural solution

The Nest-In edge

Quality

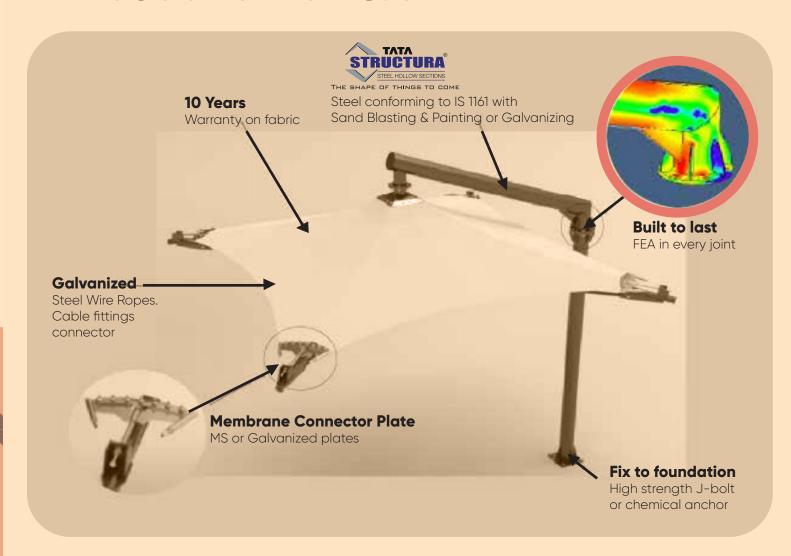
Quality of Turnkey-Solution is of utmost priority.

Reach

Strong delivery channel across the Nation

Faster and hassle free solution

About CanvaNest



FABRIC TYPE AND QUALITY SPEC. SHEET

Finish	PVDF-lacquer on both sides, protected against microbial and fungal attack, UV-protected, low-wick				
Total weight	700 g/m ²	900 g/m ²	1050 g/m ²	1350 g/m²	1550 g/m²
Tensile strength Warp/Weft					
kN/M	60/60	86/84	120/110	160/140	200/180
N/50 mm	3000/3000	4300/4200	6000/5500	8000/7000	10000/9000
DIN EN ISO 1421/V1					
Tear strength Warp/Weft	300/300 N	500/500 N	900/800 N	1200/1200 N	2000/2000 N
DIN 53363					
Flame retardancy	BS 7837	BS 7837	BS 7837	BS 7837	BS 7837
	California T19	California T19	California T19	California T19	
	D.M.26.06.84 (UNI 9177): CL.2	GOST: G1	D.M.26.06.84 (UNI 9177): CL.2	D.M.26.06.84 (UNI 9177): CL.2	
	DIN 4102: B1	DIN 4102: B1	DIN 4102: B1	DIN 4102: B1	DIN 4102: B1
	NFP 92507 : M2	NFP 92507 : M2			
	SIS 650082	NFPA 701 Test 2	CAN ULCS 109		
	EN 13501-1 : B-s3-do	EN 13501-1 : B-s3-do	EN 13501-1 : B-s2-do	EN 13501-1 : B-s3-do	EN 13501-1 : B-s2-do
Most common width	250 cm	250 cm	250 cm	250 cm	250 cm
Welding	weldable without grinding and with common welding equipment				

Merits of Tensile Structure Sheds





Aesthetically appealing. More architectural beauty.

WEIGHT



Lightweight roofs built with less steel and light foundation work.

SPEED OF EXECUTION



Less steel fabrication, hence quick solution.

QUALITY CONTROL



All fabrication done in factory, hence better quality structures.

LUMINOSITY



High, as tensile fabric is a translucent material.

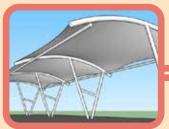
LOW MAINTENANCE



PVDF coating dose not allow dust to settle, can be clean with normal soap water.

How is it made?

STEP 1



Design and Engineering

3D Design of Tensile Fabrics

Top coat upgraded PVDF MEHATOP I

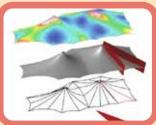
Main coat UV stable high quality PVC

Main coat UV stable high quality PVC

Top coat upgraded PVDF MEHATOP F1

Base fabric special densely woven low-wick yar

» Structural Engineering



Fabric work

SCHEMATIC VIEW OF THE FABRIC

» Patterning » Cutting

STEP 3



Fabric Welding and Stitching



Steel Fabrication

- » Welding » Sand Blasting
- » Painting

STEP 5



Installation

- » Foundation » Structural Erection
- » Fabric Installation with accessories

Product Applications

In general, Tensile Structure Sheds offer a variety of benefits

- + Protection from UV, heat, dust and rainfall
- + Aesthetics
- + Better shape
- + Light structure structural steel from the house of Tata Steel i.e. Tata Structura

Parking Sheds

Covered Walkways



Ideal for
Office Complex | Commercial Complex
Housing Complex | Institutions | Community Centre
Individual Houses



Benefits

- Superior quality
- + Complete solution including foundation
- + Hassle free solution
- + Protection from bird droppings

Benefits

- + Enhances the beauty of the place
- + Low maintenance
- + Low dust accumulation
- + Easy cleaning
- + More floor space
- + Less structural support



Gazebo

Entrance Sheds



Ideal for
Resorts | Hotels | Parks | Tourist Places |
Individual Houses

Ideal for
Office Complex | Commercial Complex
Housing Complex | Institutions | Community Centre
Individual Houses

Benefits

- + Decorative leisure space
- + High durability & longevity
- + Complete turnkey solution including flooring
- Superior quality
- + Hassle free solution

Benefits

- Weather protection
- + Enhances the beauty of the place
- + Convenience in gate operation



Tensile Fabrics based Structural Solutions