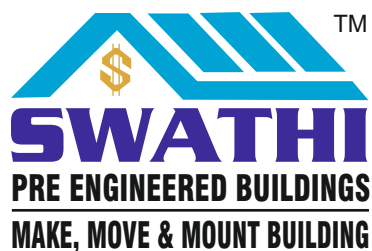




SWATHI BUILD – TECH PVT. LTD
CREATIVE STRUCTURES



CONTENT

Message From MD **01**

Mission, Vision, Core values
Quality And Safety & Milestones **02**

Comprehensive construction
& Introduction **03**

Pre Engineered Building (PEB) **04**

Petrol Bunks
Standing Seam Roofing System **05**

False Ceiling System,
Cold Form Steel & C,Z,L Sections **06**

Clip Lock Roofing System **07**

High Rib Roofing Sheet **08**

SBTPL Metal Deck Sheet **09**

Trussless Roofing **10**

Space frame Structures **11**

Our Manufacturing Facility **12**

Our Projects **14**

Our Clients **24**

MESSAGE FROM MD



Dear Valued patrons,

Season's Greetings !!!

At the outset, I thank you for exploring and Selecting Swathi Build Tech Pvt. Ltd., as your preferred partner for your Industrial & Commercial needs (PEBs and its allied products & Services).

The journey towards building a quality oriented and customer centric organization has well commenced in 1989 (33+ Years back).

During this wonderful journey SBTPL has reported rapid growth every year constantly by investing in - machinery & technology. Building competent individual teams helped us to develop efficient products & solutions to our customers.

With making "CREATIVE STRUCTURES" as a part of SWATHI group, I am proud to say that we are expanding our functions in length and breadth of the Pan India.

All these would not have been possible without your continuous support and patronage.

I once again thank you for the same.

As you go through this Brochure it will give you a broad insight into our organizations salient features, product profiles, our accomplishments, our Mission, Vision and core Values.

For further details about the organization, Please call us or visit our website.

Yours Sincerely,

A handwritten signature in blue ink, appearing to read 'K. Sambasiva Rao'.

Managing Director
K. Sambasiva Rao

Who We Are: Swathi Build Tech at a Glance



ISO 9001-2015 Certified:

Commitment to world-class quality.



Founded in 1989:

Over three decades of industry expertise.

Core Competencies:



Pre Engineering Buildings System and heavy structural (design, manufacture, supply and erection)



Metal roofing and ceiling systems



Integrates with lights, air conditioning, and fire applications.

500+

Projects

03

Countries

150+

Lakhs Sq. Feet

Key Products

Pre-engineered building system and Heavy Structures

High Rise Structures

Railway Bridge Girder

Color coated roofing sheets

C & Z purlin

MISSION AND VISION

Mission

Enhance our capabilities by investing in our personnel, process, plant and equipment.

Vision

To be a renowned name in the field of Engineering, Procurement & Construction.

CORE VALUES

Safety First, Employees Centric, Process oriented Innovation, Customer centric

QUALITY STATEMENT

We, at SWATHI dedicate ourselves to quality in all our activities without deviation or compromise.

Milestones - 35 Years of Growth and Innovation

■ Swathi Build Tech founded by K. Samba Siva Rao.

■ Expanded product line to include pre-engineered building systems and color-coated roofing sheets.

■ Upgraded to ISO 9001-2015 certification, enhancing quality management systems.

■ Launched advanced metal roofing solutions integrating modern technology for enhanced durability, productivity and quality products.

■ Enhanced PEB division.

■ RDSO manufacturing setup & certification

1989

1995

2005

2010

2015

2018

2022

2023

■ Achieved ISO 9001 certification, demonstrating commitment to quality standards.
■ Color coated steel products developed

■ Formed strategic partnership with JSW for raw material supply.
■ Ventured into BPCL, IOCL segment

■ Completed major projects including hospitals, shopping malls, and industrial buildings.

■ Received 3 Projects 450+ Crs Single Work order

Comprehensive Construction Solutions



EPC Services

End-to-end solutions in engineering, procurement, and construction, ensuring efficient project delivery.



Civil Construction

High-quality civil works for commercial, industrial, government and residential projects with a focus on safety and quality.



Pre-Engineered Buildings

Customizable, durable structures for warehouses, factories, and more, built with speed and efficiency.

BUILDING THE FUTURE OF CONSTRUCTION

Diverse Applications & Competitive Advantages

Sectors We Serve



Factories



Highrise Structure



Warehouses



Cold Storage



Petrol Stations



Schools/Colleges



Commercial Complex



Showrooms



Recreational Centres

Advantage

-  Quick project turnaround
-  Large clear spans
-  Reduced construction cost & time
-  Faster delivery and installation
-  Factory controlled quality
-  Aesthetically Appealing
-  Virtually maintenance free
-  Single Source responsibility
-  Easily Expandable

INTRODUCTION

We are into Design, manufacturing, Supply and erection of the following products.

Pre Engineered Buildings	Clip-lock System Roofing
Petrol Bunks	High Rib Roofing Sheet
Standing Seam Roofing	SBTPL-Metal Deck Sheet
Metal False Ceilings	Trussless roofing (self supported roofing system)
Cold Formed Steel C, Z, L sections.	Space Frame Structure

Client centric customised design/supply for the above products allows us to take-up turnkey projects. Also diversified products (PEB with Metal false ceiling & Space Frame) makes SBTPL a single stop solution to most of the industry clients.

PRE ENGINEERED BUILDINGS (PEB)

Product name defines it's all. Our trailer Made Pre- Engineered materials combined with proper design process helps in achieving client requirement in optimum cost without compromising the quality or stability norms. Be it a Pharma Building, manufacturing industry, ware house, office buildings, cold storage buildings, Petrol stations, etc., SBTPL Pre-Engineered Building has the answer. SBTPL is one of the very few manufactures in PEB industry having an in-house integrated plant to manufacture various products (anchor bolt, columns, beams, curved beams, curved tubes, truss system, purlins/ girts, clips, roof sheet, cladding) involved in a PEB building.

WE ARE QUICK

October 2021:-

In span of 1 week

SBTPL SUPPLIED*

4 PEB'S to RAMKY GROUP.

That's effectively –

1 PEB IN 2 DAYS.

Application

Factories
Warehouses
Cold Storage
Petrol Stations
Schools / Colleges
Offices
Showrooms
Commercial Complex
Recreational Centres

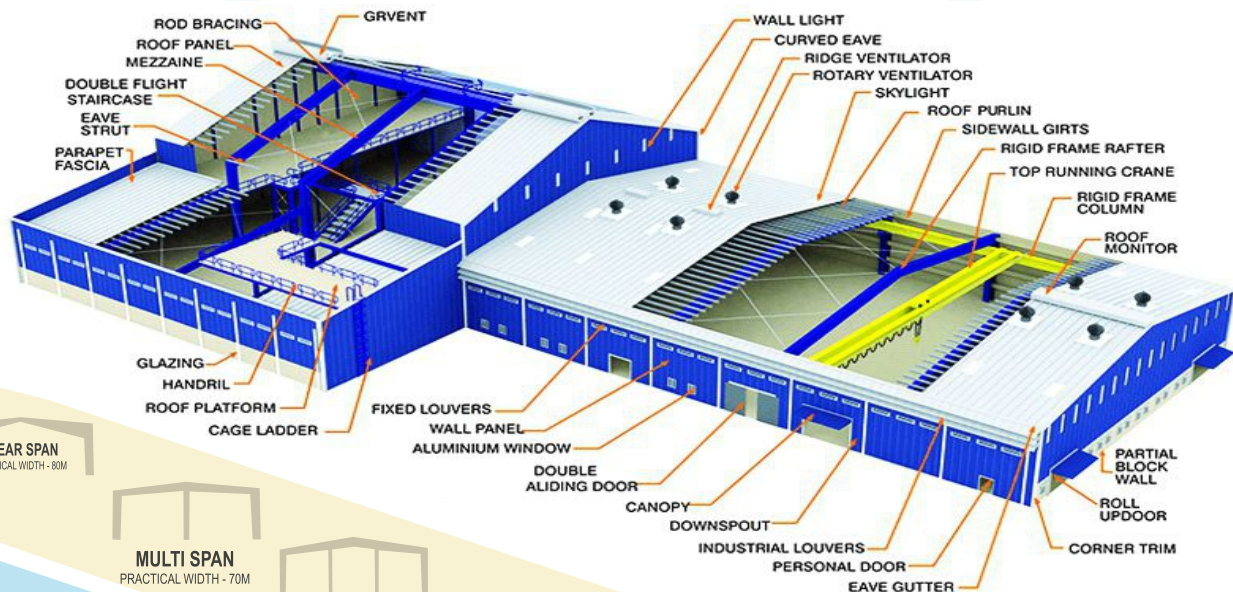
Advantage

Short Project Times
Large Clear spans
Reduced Construction cost & Time
Faster Delivery and installation
Factory controlled quality
Aesthetically Appealing
Virtually Maintenance Free
Single Source responsibility



RECENT UPGRADE

Downspout forming & bending machine:-
Now SBTPL is capable of supplying joint free, hole free, bent metal spouts as per site conditions. SBTPL downspouts are leak-proof.



WE ARE SKILLED

As a part of coca cola (West Bengal) project, SBTPL supplied* 16m (52 ft) wide cantilever canopy. With In-house strong technical team SBTPL able to achieve this rare canopy.



16m (52 ft) wide cantilever canopy.

* supply – includes Design, Client approval, Fabrication, Erection & Completion

Primary Framing Systems

CLEAR SPAN
PRACTICAL WIDTH - 80M

MULTI SPAN
PRACTICAL WIDTH - 70M

MULTI SPAN2 (MS-2)
PRACTICAL WIDTH - 70M

MULTI SPAN2 (MS-3)
PRACTICAL WIDTH - 70M

MULTI GABLE
PRACTICAL WIDTH - 80M

SINGLE SLOPE/MONO SLOP
PRACTICAL WIDTH - 50M

BUTTERFLY CANOPY
PRACTICAL WIDTH - 30M

LEAN TO
PRACTICAL WIDTH - 24M

PETROL BUNKS

We are an official vendors of BPCL and IOCL since year 2002. In the span of 18+ years we have constructed 1000+ petrol bunks across India. SBTPL metal false ceiling and clip lock roofing products extensively used in petrol bunks cladding.



WE ARE CONNECTED

If you are visiting any BPCL or IOCL petrol bunk in South India, there is 25% chance that you have visited SBTPL supplied/erected petrol bunk. Yes we may be already connected.

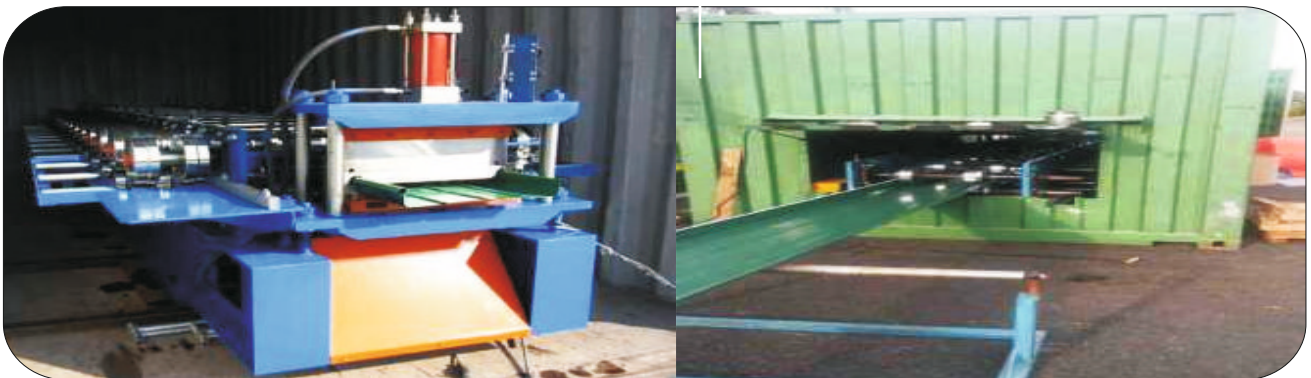


STANDING SEAM ROOFING

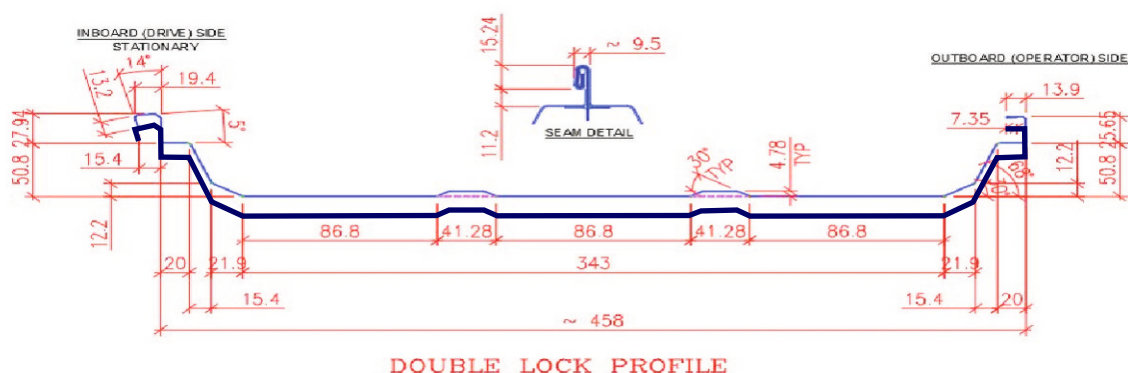
High end -10 year leak proof warranty roofing option. Site metal forming eliminates joints in sheet length. Hidden Clip-seaming allows puncture/holes free roof. Costumed 450 wide standing seam roofing also allows easy solar panel installation on roof.

SPECIFICATION OF THE MATERIAL

1	Yield strength	345 Mpa
2	Width of the raw material	610mm
3	Thickness	0.5-0.7mm
4	Material	GA



STANDING SEAM ROLL FORMING MACHINE PROFILE DRAWING



SBTPL –False ceiling provides you premium aesthetic feel which allows it to be used in interior and as well as exterior false ceiling solution. Easy fixing technique makes it - easy handling, hurdle free & most economical false ceiling options.

150F Interior & Exterior

Materials :

GI color Coated CR steel as IS-513
120/180/275/552GSM 20 microns paint finish
0.60 aluminum alloy AA 3105, Colour Coated Sheet



Panels :

150 mm 17 mm deep, made out of 0.50mm /0.60 mm galvanised steel / Aluminum colour Coated panels. Panel Length upto 6 mtrs



Panels Carrier :

34.5 mm wide, 48 mm deep made out of 0.60 mm Galvanised steel black Colour Finish with prongs to hold panel in module of 150 mm / 200 mm

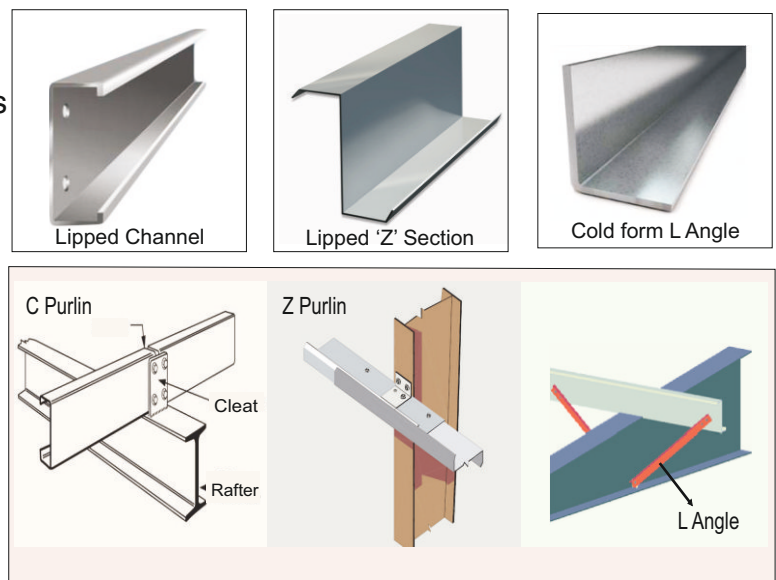
Suspension :

Cold rolled formed Z section made out of GI coils with 120/180/275/550 GSM galvanized and yield strength of 240/550 mpa

Cold Formed Steel C, Z, L sections.

In house cold forming machine allows us to supply of C, Z, L shaped G.I material. Grades of 250,345 & with zinc coating of 120 to 275 gsm can be supplied for desired shape.

These cold form materials are extensively used as sheeting/cladding supporting members as well as main primary members in Cold formed buildings.



Our Product Size details are as below :-

C,Z-hxbxlip

150 x 65 x 20
200 x 65 x 20
250 x 65 x 20
300 x 65 x 20

L-Angle Size

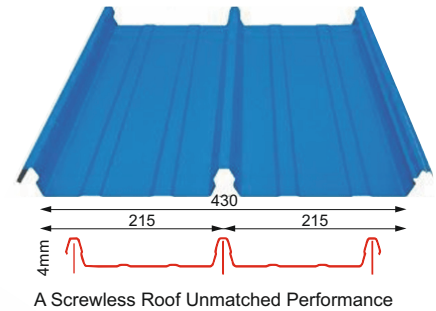
25 x 25 x 1.50 to 100 x 100 x 1.50
2.00
2.50
3.00

CLIP LOCK ROOFING SYSTEM

SBTPL-Clip-lock roofing provide complete leak proof roofing solution. Concealed/hidden fastening technique allows the roof sheet un-punctured during the process of erection. Moreover SBTPL clip lock roof sheet provides premium build quality which is complete rupture/hole free. Therefore virtually un-punctured well build quality sheeting allows the roof as leak proof.

Available finish

PPGI Roofing	240/550Mpa
Bare Galvalume Roofing	240/550 Mpa
Colour Coated Galvalum Roof	240/550 Mpa



ATTRIBUTES

Screw less roof, Optimum for low pitch application

High water carrying capacity, Long lasting and Easy maintenance, Strong & Lightweight.

TECHNICAL SPECIFICATIONS OF ZINC ALLOY COATING

Combination	99% Zinc
Material	Galvanised
Coating Mass	Z 120 GSM
Base Metal	High Tensile Steel
Yield Strength	240/ 550 Mpa
Total Coated Thickness	0.47 mm - 0.60 mm

TECHNICAL SPECIFICATIONS OF ALUMINIUM ALLOY COATING

Combination	55% Alu, 43.5% Zinc & 1.5 % Silicon
Material	Gal Calume - ASTM A 792 M
Coating Mass	AZ 150/200

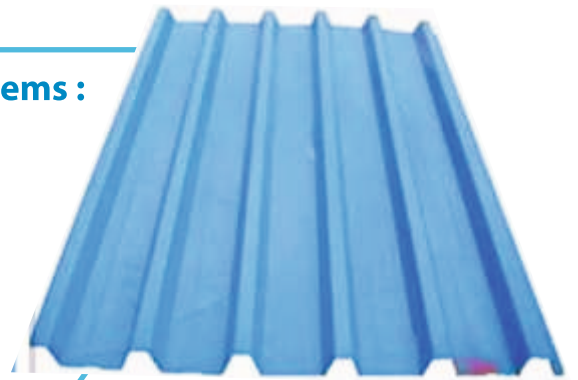
Profile : Clip - lock 430



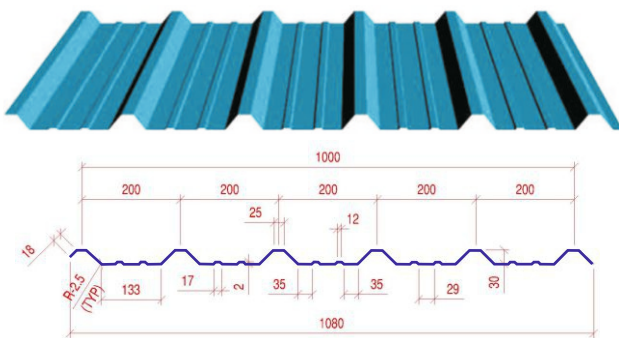
SBTPL high rib galvalume sheets are well known as SWATHI COLOUR roof sheets. Premium 550 grade galvalume sheet our supplies are loved by our regular clients like Sagar Cements, AGI Glass Factory, Panyam cements, ACE TYRE LTD., ACC LIMITED, NCL and so on.

Features available with our Metal Roofing Systems :

- Durability and Easy Maintenance
- Corrosion Resistant
- Strong & Lightweight
- Aesthetically Pleasing
- Thermally Efficient
- Outstanding flexibility in design



PMS profiles when used for Roofing & Cladding application are fixed to the steel supports / purlins with zinc coated / galvanized Hex-head self drilling fasteners with integrated Metallic washer & EPDM neoprene washer assembly. The fasteners are fixed mechanically with electric tools through the crests



Technical Specification of Aluminum Zinc Alloy Coated Steel

Base Metal	High Tensile Steel
Coating Mass	AZ 150
Coated Std.	AS 1397 - 1993
Yield Strength	550 Mpa/300Mpa
Thickness	0.47mm to 1.2mm
Tolerance	+ -0.04 as per AS/NZS 1397

Product Range

BG



- Al-Zn Alloy Coated Steel Combination - 55% Aluminium; 43.4% Zinc & 1.6% Silicon

PPGL



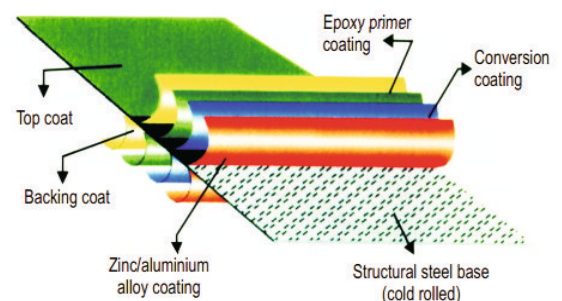
- Pre-Painted Al-Zn Alloy Coated Steel

PPGI



- Pre-Painted Galvanised Steel

Pre-Painted Al-Zn Alloy Pre Painted Profile Sheet

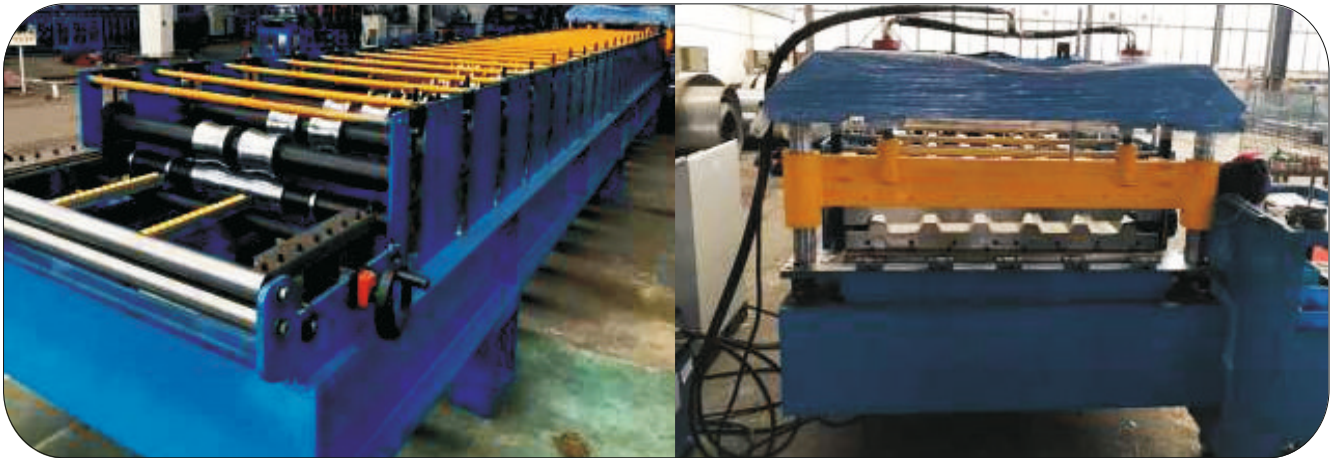


METAL DECK SHEET

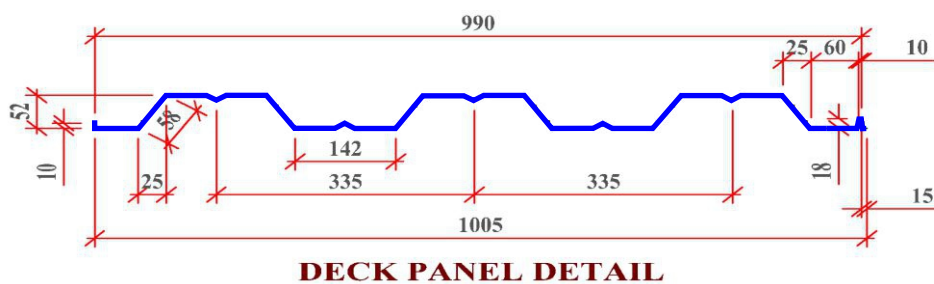
Do you know this? "Corrugated slab can give higher strength with less material when compared to normal flat slab." Yes, this is where SBTPL deck sheet will be useful. SBTPL- 52mm deep corrugated deck panel sheet helps in casting corrugated slab in site. Also placing deck sheet acts as a support to the slab (till it hardens) and therefore completely avoids the need of shuttering.

SPECIFICATION OF THE MATERIAL

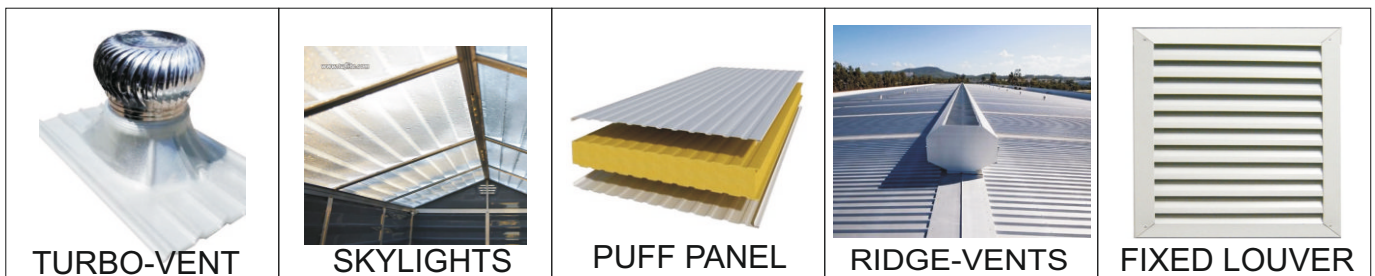
Type			
Material	GI Steel	Depth(d)	52
Yield Strength	240 Mpa - 350 Mpa	Pitch(p)	335
Lengths	Up to 12000mm	Thickness	0.6 - 1.2 mm



METAL DECK ROLL FORMING MACHINE PROFILE DRAWING



APART FROM THE ABOVE PRODUCTS, SBTPL WILL SUPPLY THE FOLLOWING ITEMS LIKE- TURBO-VENTS, POLYCARB SKYLIGHTS, INSULATION, PUFF PANELS, RIDGE-VENTS & FIXED LOUVERS.



TRUSSLESS ROOFING (SELF SUPPORTED ROOFING SYSTEM)

Truss-less roofing provides a completely different/premium/architectural aesthetic view to any industrial structure. Moreover it also a leak-proof roofing which makes it unique product. Easy fixing technique makes it - easy handling, hurdle free & most economical roofing options.
Specifications of base material:-

SPECIFICATION OF THE MATERIAL

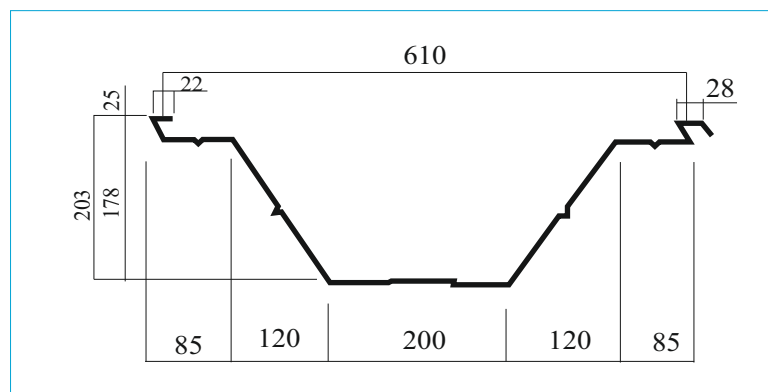
Type	
Finish / BASE MATERIAL	thickness 'mm'
PANEL-COLOR COATED /GA	0.8 – 1.2

ALLOWABLE WIDTH OF THE BUILDING:-

From 5 m to 25 m clear span it can be used. For spans more than 25m, MultiGable option is recommended.

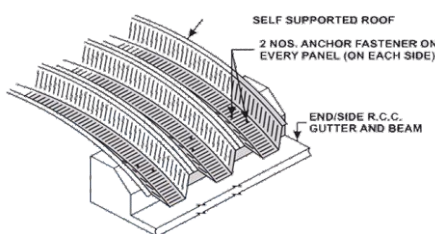


TRUSSLESS ROOFING MACHINE PROFILE DRAWING

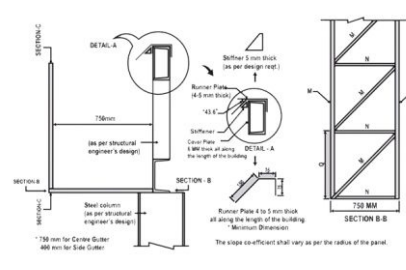


Fixing Details

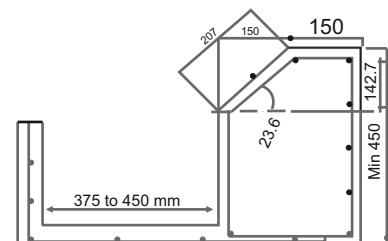
Anchoring System in Roofing



Recommended Design for MS Gutter

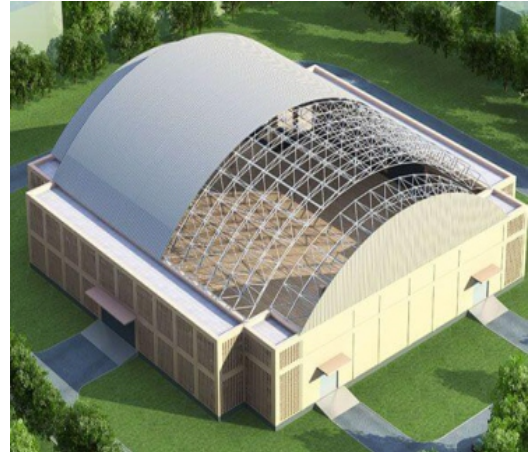


RCC Gutter



SPACE FRAME STRUCTURES

The growing demand for aesthetically designed structures that also offer the advantage of efficient utilization of space, has led to the popularity of space frame structure. These three dimensional units enable the construction of vast spaces without any columns, by providing the required support system for the structure. We at SWATHI are amongst the leading space frame manufacturer in India catering to diverse industrial needs. Used mostly in structural engineering and/or architecture, a space frame (also called 3D truss or a space structure) is a rigid structure with truss-like composition that consists of several struts that are interlocked in a geometric pattern. One of the biggest advantages of a space structure is its strength, which allows for the creation of large areas with little to no internal supporting structures - industrial buildings, stadiums, airports, and so on. This is possible thanks to the inherent rigidity of a space frame as a whole - it is somewhat similar to a regular truss, in that regard, since the pressure of the weight is transmitted to the entire length of each strut.



The most typical use case of a space frame is a rigidity matrix - a calculated net of space frame elements (usually - structure can be referred to as an isotropic vector matrix, and it can also be changed in many different ways - changing struts' length to produce other geometrical elements as a structure

TYPES OF SPACE FRAMES

There are actually several different systems that can be used to classify space frame structures. For example, here's a classification of space frame types depending on the element arrangement order: Triple-layerd grid. There are three



layers of space frame elements, with all three being parallel to each other. They're linked with diagonal bars, and structures as a whole are flat most of the time. Double-layered grid. Two layers of elements that are parallel to each other and connected with diagonal bars. Single-layered grid. One single layer of elements located on the surface of a structure. On the other hand, there's also a less technical classification of space frame structures that takes the form of the overall structure as the distinctive metric. As such, we have three main space frame types: Spherical domes (and other more complex shapes). Tend to require quite a lot of support from either outside of a structure or by using more pyramid-shaped or tetrahedral modules in the structure itself. Barrel vaults. Typically does not require

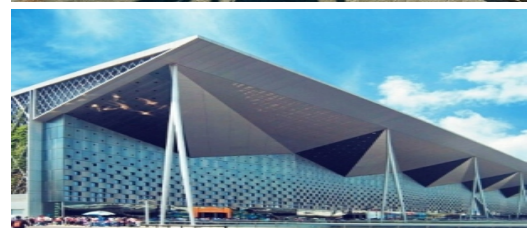
any kind of additional support as described before, but it does have a cross section as the means of inside support.

Space plane roof structures.

A structure that is composed of multiple planar substructures. The entire structure is supported by the diagonals and

SECTORS WE SERVE

Use of steel frame structures is no longer limited to the creation of vast column free spaces by a dome manufacturer in India. Rather, our products have been used in several industries and sectors for the construction of both simple and complex structures. These extremely robust, structurally sound, economical and versatile construction units are fit for providing the perfect building solutions for the most basic as well as structurally challenging projects. That is why our high quality space frames have found use in the following sectors.



* Commercial and industrial structures

* Auditoriums * Sky lights * Canopies * Toll booths * Exhibition halls * Sports stadiums

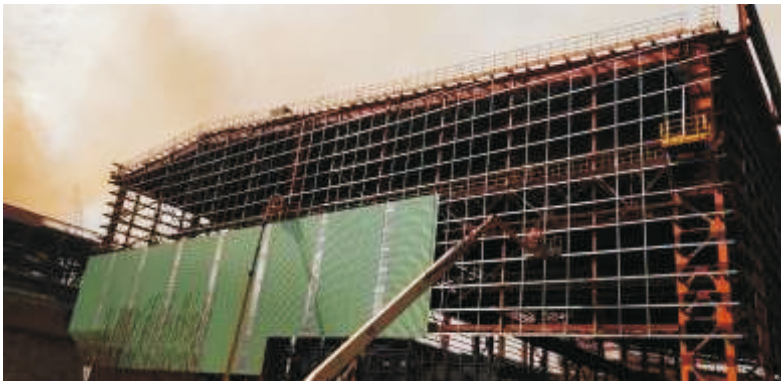
OUR MANUFACTURING FACILITY



Please Note :
All the products shown
here are not finished
products and it is a part of the
Manufacturing process



NAME :- JSW STEEL PLANT , SFT :- 3,00,000, Location AT : BELLARY





NAME:- TCL SFT :- 3,50,000 Location AT :- TIRUPATI A.P



NAME :- JSW STEEL PLANT - II , SFT :- 4,00,000, Location AT : BELLARY



NAME : DRS DILIP ROAD LINES, SFT. 1,80,000, Location AT : MEDCHEL



NAME :- JSW STEEL FAFA On Going Project, 5000 MT Location AT: BELLARY



NAME :- AM/NS INDIA On Going Project, 5000 MT Location AT: HAZIRA



NAME :- AMBER RESOJET , SFT :- 2,50,000, Location AT : HYDERABAD



HIGHLIGHTS :-

- * 70 m width,
- * 3.5 height fascia,
- * 7 m wide canopy
- * Under Ground Mezzanine.



NAME : GOA SHIPYARD, SFT. 3,00,000, Location AT : GOA



NAME : FLIPKART WAREHOUSE SFT : 2,00,000 Location AT : MOINABAD



NAME : TELANGANA STATE WAREHOUSE CORPORATION (TSWC) SFT : 1,00,000 Location : TELANGANA

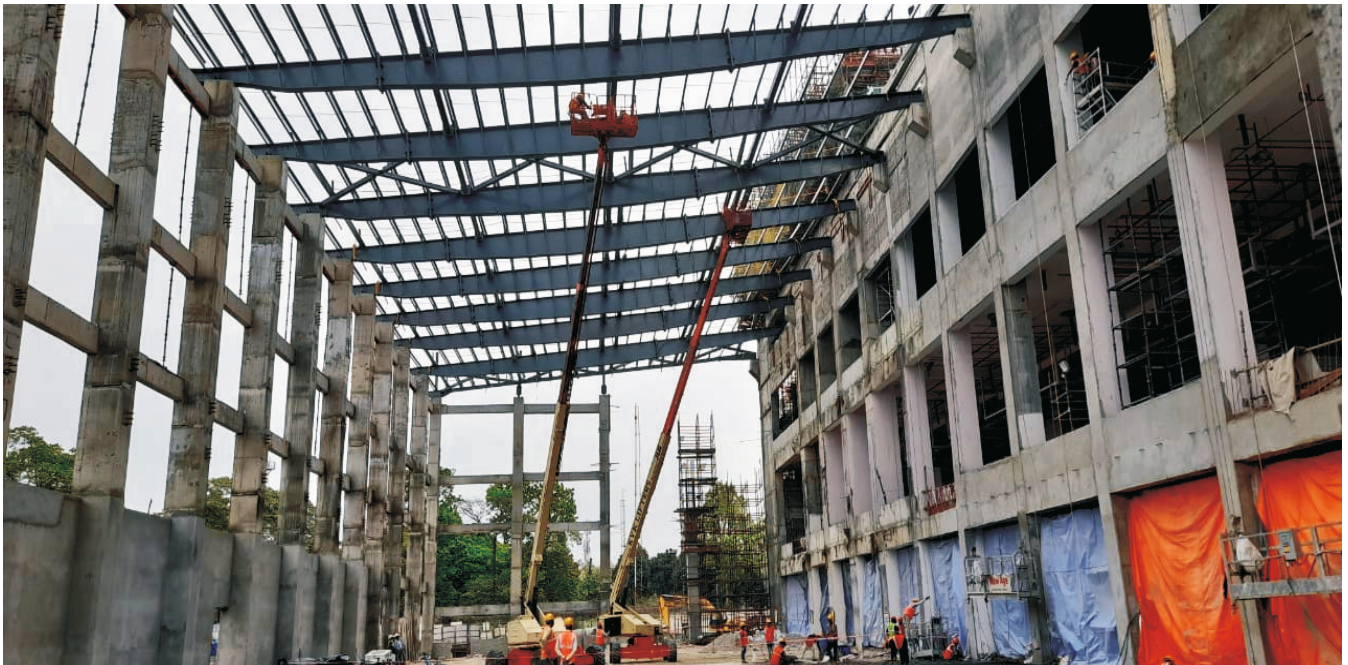


NAME : PRINCE PIPES & FITTINGS LTD. SFT : 90,000, LOCATION AT : HYDERABAD



NAME:- ACC CEMENTS LIMITED SFT :- 75,000 Location AT :- KARNATAKA







RDSO
(B&S, Engineering)
Final Decision Letter

Letter No - **RDSO/108/1901/00036431**

Dated **29/08/2023**

To

M /s SWATHI BUILD TECH PVT.LTD-RANGA REDDY

1-60/5/1 beside unicent school balaji nagar miyapur,hyd RANGA REDDY,Telangana - 500049, India

Sub: Decision of Fresh Registration Request

Ref: Your registration request ID **19378** Dated **25/05/2023**

Your application under reference has been processed.

After detailed processing, competent authority has decided the inclusion of your name in the Vendor directory as per the following details: -

Name of the firm	M /s SWATHI BUILD TECH PVT.LTD-RANGA REDDY
Registered Address of the Firm	1-60/5/1 beside unicent school balaji nagar miyapur,hyd RANGA REDDY,Telangana - 500049, India
Mfg. Unit Details	Swathi , 1-60/5/1, Sivaram Residency Beside Unicent School, Balaji Nagar, Miyapur, Hyderabad,Telangana - 500049, India

Items for which request is approved

Item ID: 3100425, FABRICATION OF STEEL BRIDGE GIRDERS			
#	Sub Item	Category	Capacity(Per Annum)
1	ID: 3100425002 i) FABRICATION OF OPEN WEB, COMPOSITE & OTHER STEEL PLATE GIRDER (PART A)	Approved	36000
Date of Decision		29/08/2023	
Next Quality Audit Due on		28/08/2028	

Additional Remarks

#	Details
1	Any change in the address of your office or Manufacturing unit shall be brought to the notice of the Director General B&S RDSO Lucknow. You are liable to be dropped from the approved list if your product is found unsatisfactory at any stage of fabrication and inspection or any other violation as per RDSO ISO guideline which are available on RDSO website.
2	Firm has filled office address in work address column. In this regard based on your undertaking and CCA by RDSO at work address Sy.No. 184 Part, Pati V, Patancheru M Sanga Reddy-502300 Telangana, India , Firm is approved for fabrication of Composite girder and Other Steel Plate Girder Part B. Address shall be changed in IREPS Vendor directory and the same should be referred in future.

Attached Documents

#	Description	File Name
No Document attached		

Digitally Signed by
PRADEEP KUMAR
Director BS IV



BUREAU
VERITAS

Bureau Veritas Certification

SWATHI BUILD-TECH PVT. LTD.



SURVEY NO 184 PART, PATI(V) PATANCHERU(M)), SANGAREDDY (D),
TELANGANA – 502 300, INDIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the Management System Standard detailed below.

Standard

ISO 9001:2015

Scope of certification

1. DESIGN, MANUFACTURING, SUPPLY, ERECTION AND COMMISSIONING OF PRE ENGINEERING BUILDING SYSTEM.
2. MANUFACTURING, SUPPLY, ERECTION AND COMMISSIONING OF HEAVY STEEL STRUCTURES.

Original cycle start date: **30 December 2022**

Expiry date of previous cycle: **Not Applicable**

Certification Audit date: **14 September 2022**

Certification cycle start date: **30 December 2022**

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **29 December 2025**

Certificate No. **IND.22.10252/QM/U**

Version: **1**

Issue date: **30 December 2022**

Signed on behalf of BVCH SAS UK Branch
Jagdheesh N. MANIAN
Director – CERTIFICATION, South Asia
Commodities, Industry & Facilities Division



0008

Certification body address: **5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom.**

Local office: **Bureau Veritas (India) Private Limited (Certification Business)**
72 Business Park, Marol Industrial Area, MIDC Cross Road "C",
Andheri (East), Mumbai – 400 093, India.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization.
To check this certificate validity please call + 91 22 6274 2000.



SOME OF OUR CLIENTS

 IndianOil	 中國建築股份有限公司 CHINA STATE CONSTRUCTION ENGRG. CORP. LTD			
 TCL 创意感动生活 The Creative Life	 vedanta	 Ambuja Cement	 ITC Limited	 एनटीपीसी NTPC
 meil Megha Engineering & Infrastructures Limited	 HP	 South Central Railway	 Mahindra	 MRF
 TOYOTA	 Coca-Cola	 एन एम डी सी NMDC	 JMC PROJECTS (INDIA) LTD. (A Kalpataru Group Enterprise)	 LN LNV TECH MEMBER OF sinoma
 Central Warehousing Corporation	 SNEHA	 LARSEN & TOUBRO	 TATA TATA PROJECTS	 BHEL Bharat Heavy Electrical Limited
 FOXCONN	 华星光电 CSOT	 Bharat Petroleum energising lives	 HETERO	 ACC
 GHMC	 TELANGANA STATE POLICE	 GOA SHIPYARD LTD	 भारतीय खाद्य निगम	 Reliance Industries Limited
 LAFARGE CEMENT	 Wonder la	 PRINCE PIPING SYSTEMS PRINCE PIPES AND FITTINGS LIMITED	 amber Resojet	 CTCI 興利開發股份有限公司 CTCI Development Corporation



SWATHI BUILD - TECH PVT. LTD. **CREATIVE STRUCTURES**

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