



***YOUR SATISFACTION,  
IS OUR GOAL.***

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**MANUFACTURER FOR  
STEEL STRUCTURE**

Xiamen Yumi New Material Technology Co., Ltd.  
COMPANY BROCHURE



# WELCOME TO OUR WORLD



- 1991-1993:

At the beginning of the venture, it was a home-style workshop with poor working conditions and extensive operation methods. It was mainly engaged in the processing of iron products;

- 1994-1996:

Mainly engaged in the sale of galvanized steel sheet;

- 1997-1999:

Shandong HXY Material limited liability company was built,only 10 workers;

- 2000-2003:

Profiled steel plate, C/Z steel purlins, and sandwich panels equipments were put into operation;

- 2004:

Shandong HXY color steel sheet CO., Ltd. Was built. There were 50 workers;

- 2005-2007:

Our company enters a period of steady development. The production and business model had developed into a collective private enterprise integrating construction steel production and operation and circulation. Our group occupies more than 100 acres and had over 120 employees, and there were more than 20 academic employees among them;

- 2008-2011:

Our company won many honors, like Civilized and Honest Private Enterprises, Consumer satisfaction brand, Advanced project construction advanced brand, etc. And our president was invited to serve as Vice President of the Iron and Steel Industry Association. At the same time, in the production of construction steel products, the number of press-type panel production lines has increased to 15, C/Z-type steel production lines have increased to 10, and various accessories had been fully equipped.

- 2012:

Polyurethane production line started construction, and signed equipment sales contract with Italy PUMA company. In May 2012, polyurethane production line fully entered production.

- 2013:

Our company celebrates our 10th anniversary of establishment, and we began "5S" management system.

- 2014:

Our company acquired a steel trading company, rock wool raw material factory and fittings company, and formally established the group.

- 2015-2017:

In order to broaden domestic and foreign markets, our group established branches or offices throughout the country. Xiamen Yumi Imp. & Exp. Co., Ltd. Was built in 2017.

- 2019.05:

Xiamen Yumi New Material Technology Co., Ltd. was built.



## FOCUS ON STEEL STRUCTURE

## FOR OVER 20 YEARS



## RAW MATERIAL——STEEL COILS

PPGI/PPGL/GI/ALUZINC STEEL  
COILS

- Our factory capacity: about 15000 tons per month for coil product
- Production standard :ASTM A653m/A924M/A792M,Q235/Q345/Q355
- Thickness:0.2mm-2.0mm
- Width:600mm-1220mm or according to the customer's request.
- Zinc coating or Aluzinc coating:60-275g/m<sup>2</sup>
- Color: As per RAL color swatch or Customized



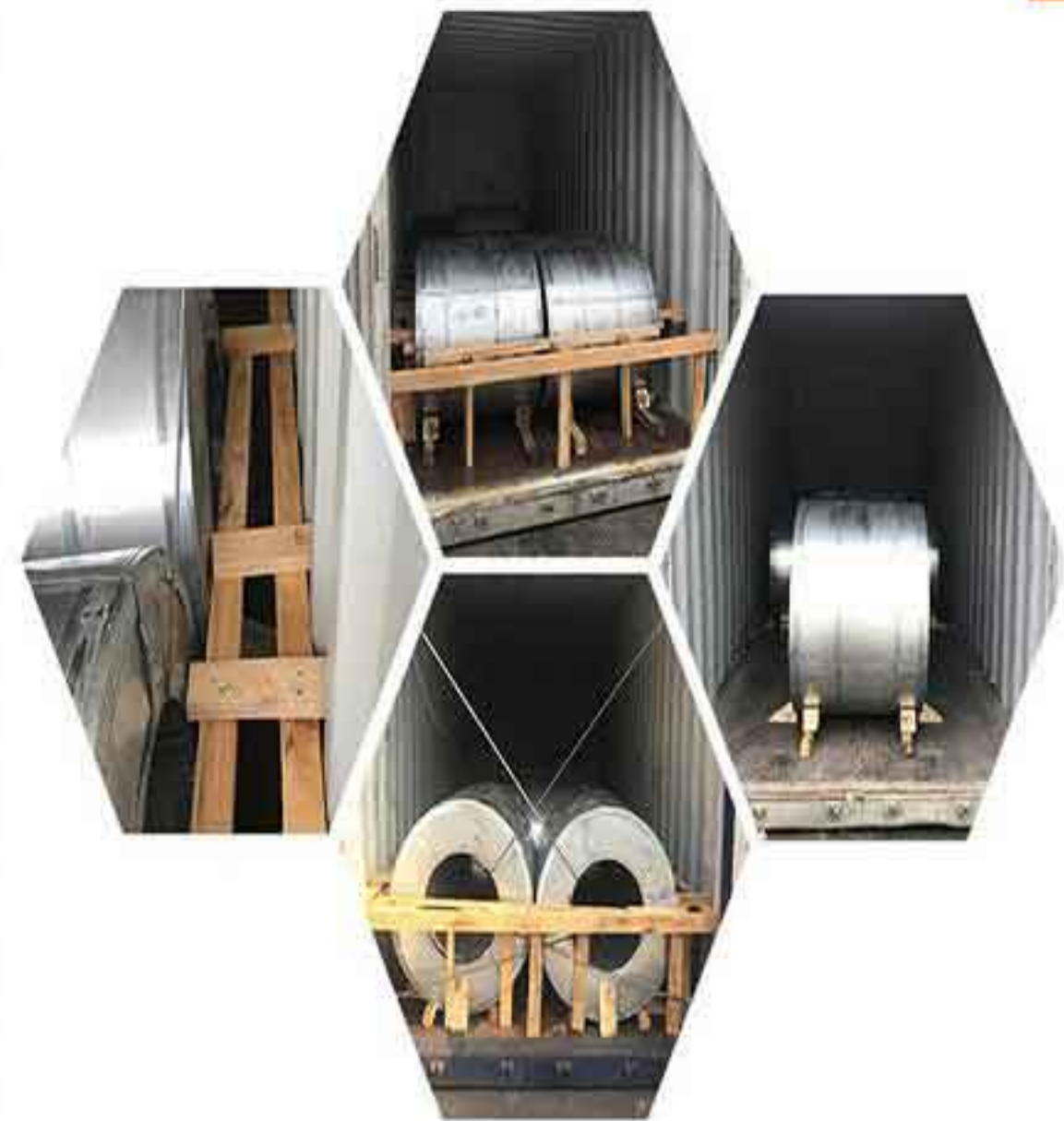
# COILS PACKING&LOADING

Steel Coil

a+  
secure packing



b+  
Fixed in  
Container  
wood timber





# C / Z PURLINS

C/Z purlin is made of hot dipped steel sheet, and strictly under the cold roll forming. Compare to the traditional box iron, C/Z purlin can save 30% material, and it has thin wall, light weight, good section performance and high strength features.

Steel standards for C/Z purlins:  
Q235/345/355 (China GB standard)



## Product Application:

- ☆ Wall beam;
- ☆ Roof truss;
- ☆ Brackets;
- ☆ Column;
- ☆ Arm limb.
- ☆ Z purlin is specially used in large-scale and MID-scale construction.

## C/Z purlins equipment:

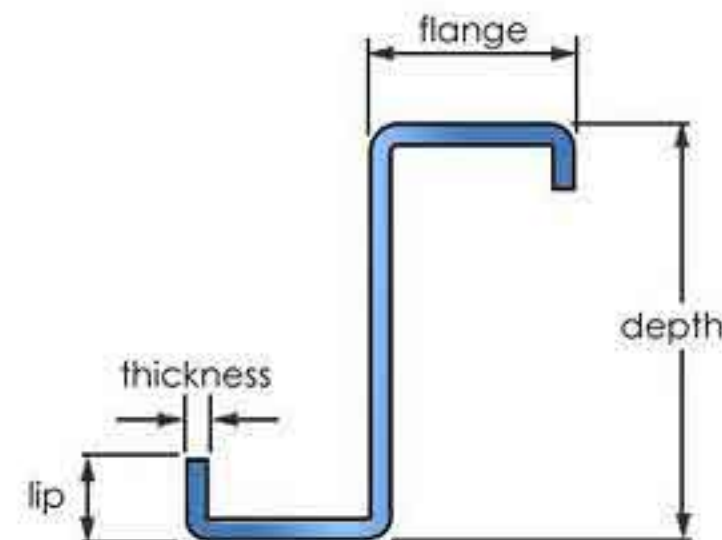
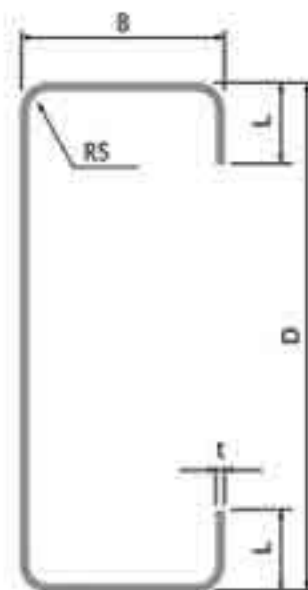
Our factory has 8 C/Z purlins devices, annual output is 100,000 tons.



[www.yumisteel.com](http://www.yumisteel.com)



+86-592-6095031



D-section size(mm)	B size(mm)	L size(mm)	T size(mm)
80	50	15-20	1.7-3.0
100	40/50	15-20	1.7-3.0
120	40/50/60	15-20	1.7-3.0
140	40/50/60	15-20	1.7-3.0
150	40/50/60	15-20	1.7-3.0
160	40/50/60	15-20	1.7-3.0
180	60/70	15-20	1.7-3.0
200	60/70	15-20	1.7-3.0
220	70/75/80	15-20	1.7-3.0
250	70/75/80	15-20	1.7-3.0
300	80/100	15-20	1.7-3.0

Depth/mm	Flange/mm	Lip/mm	Thickness/mm
140	55	55	15-20
140	53	57	15-20
160	53	57	15-20
160	55	55	15-20
180	63	67	15-20
180	57	63	15-20
200	57	63	15-20
220	57	63	15-20
220	63	67	15-20
250	63	67	15-20
250	68	72	15-20
250	73	77	15-20





PU sandwich panels



Rockwool sandwich panels



EPS sandwich panels

# High quality **PANELS** Support your **PROJECT**

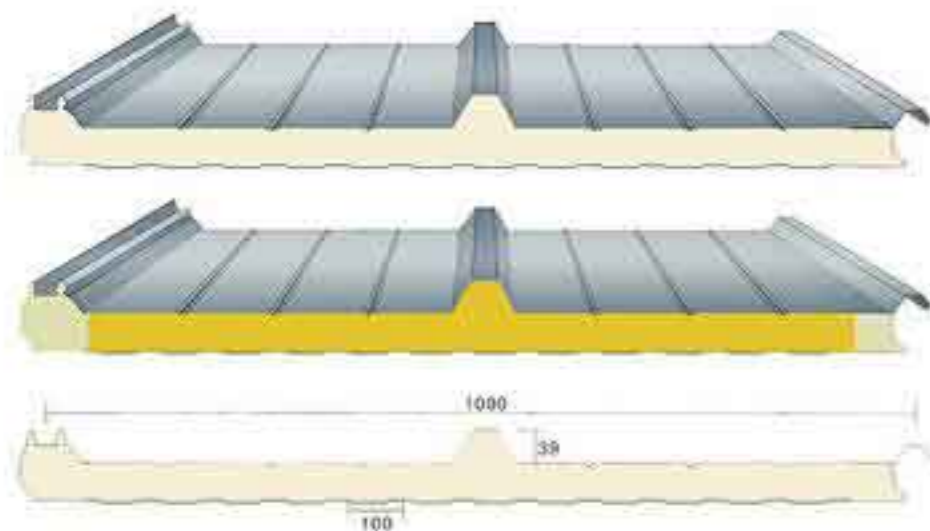
Sandwich panel is suitable for the various roofs and walls referring to the large-size factory buildings, storages, exhibition halls, gymnasiums, freezing stores, purifications workshops, etc, which features temp-keeping, heat insulation, weight-bearing, weatherproof with the rich colorfulness and good appearance.

**R & D**  
**CAPABILITIES**  
Strong research and development capabilities are always the source of Yumi company sustainable development.

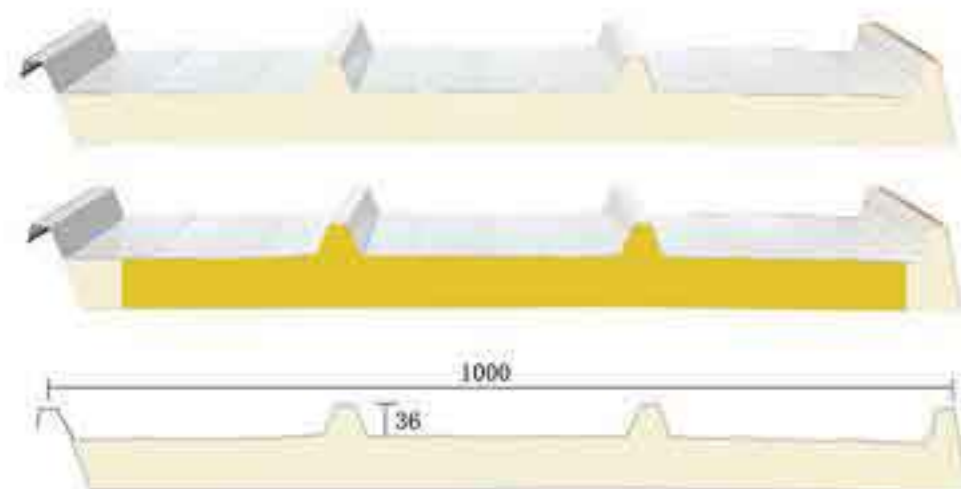




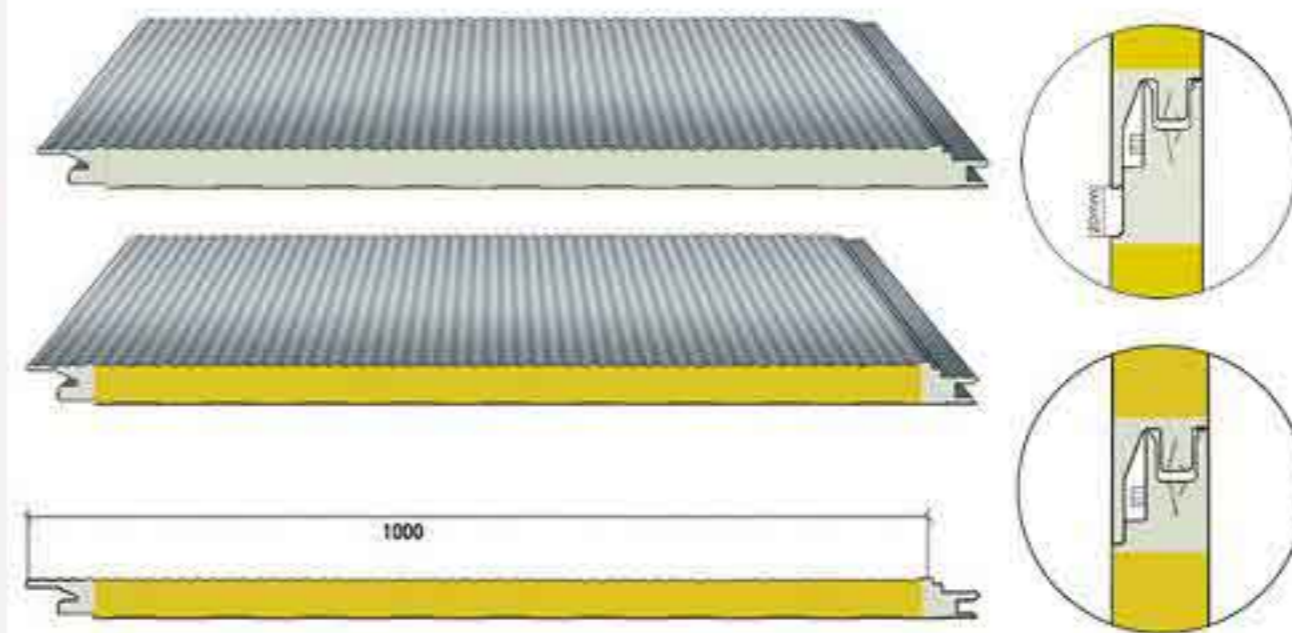
# PU SANDWICH PANELS



Description			
Panel name	Roof sandwich panel/Hidden screws type		
Effective width	1000mm		
Steel sheet thickness range	0.40-0.70mm		
Regular color	White grey, Beige, Sea blue		
Coating type	PVDF/HDP/SMP/PE		
Panel thickness	40/50/60/75/100/120/150/200		
Core material	PU	PU&Grass wool	PU&Rockwool
Thermal Conductivity	≤0.023w/m·k	0.035-0.041w/m·k	0.037-0.043w/m·k



Description			
Panel name	Roof sandwich panel		
Effective width	1000mm		
Steel sheet thickness range	0.40-0.70mm		
Regular color	White grey, Beige, Sea blue		
Coating type	PVDF/HDP/SMP/PE		
Panel thickness	40/50/60/75/100/120/150/200		
Core material	PU	PU&Grass wool	PU&Rockwool
Thermal Conductivity	≤0.023w/m·k	0.035-0.041w/m·k	0.037-0.043w/m·k



Description			
Panel name	Wall sandwich panel/Hidden screws type		
Effective width	1000mm		
Steel sheet thickness range	0.40-0.70mm		
Regular color	White grey, Beige, Sea blue		
Coating type	PVDF/HDP/SMP/PE		
Panel thickness	30/35/40/50/60/75/100/120/150/200		
Core material	PU	PU&Grass wool	PU&Rockwool
Thermal Conductivity	≤0.023w/m·k	0.035-0.041w/m·k	0.037-0.043w/m·k

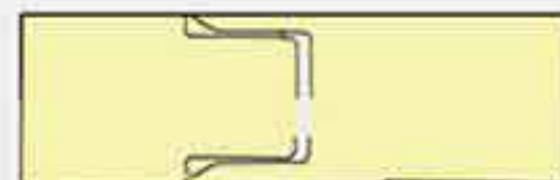
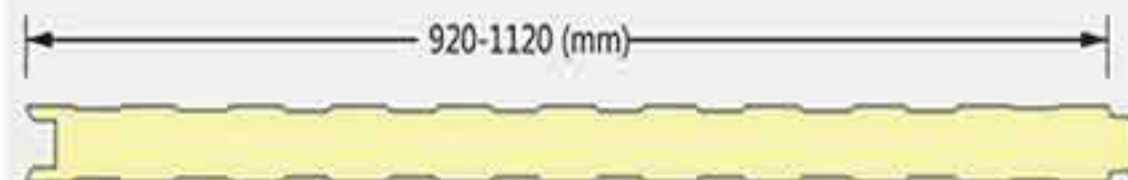
# RIB CHOICES





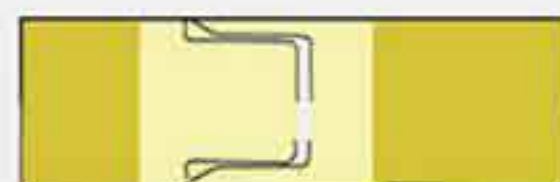
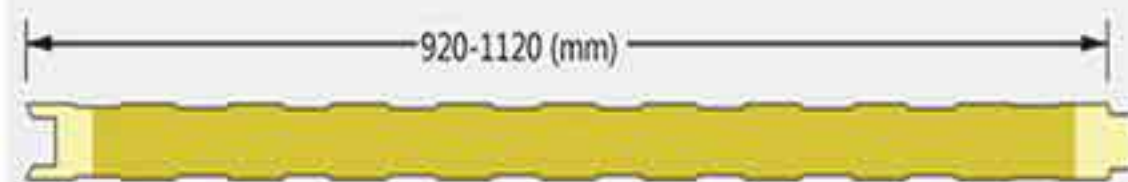
# PU SANDWICH PANELS

Core material: Polyurethane



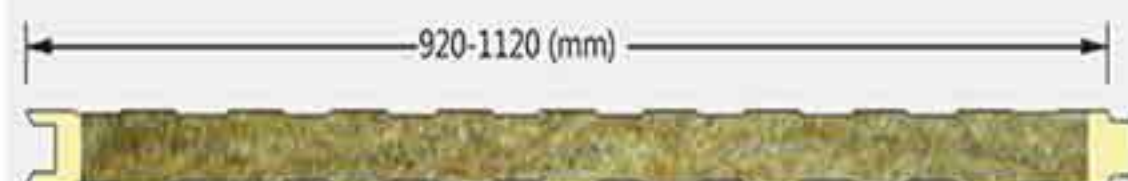
Horizontal Point

Core material: Polyurethane & Grass wool



Horizontal Point

Core material: Polyurethane & Rock wool



Horizontal Point

Panel name: Wall sandwich panels

Effective width: 920-1120mm

Steel sheet thickness range:

0.40-0.70mm

Regular color: White grey, Beige, Sea blue

Coating type: PVDF/HDP/SMP/PE

Panel thickness: 30/35/40/50/60/75

/100/120/150/200/250mm

This is also our cold room sandwich panel type.

Waffle blade design, which improves insulating air tightness on connection position.

Even and stable panel, good heat insulation and excellent waterproof property.

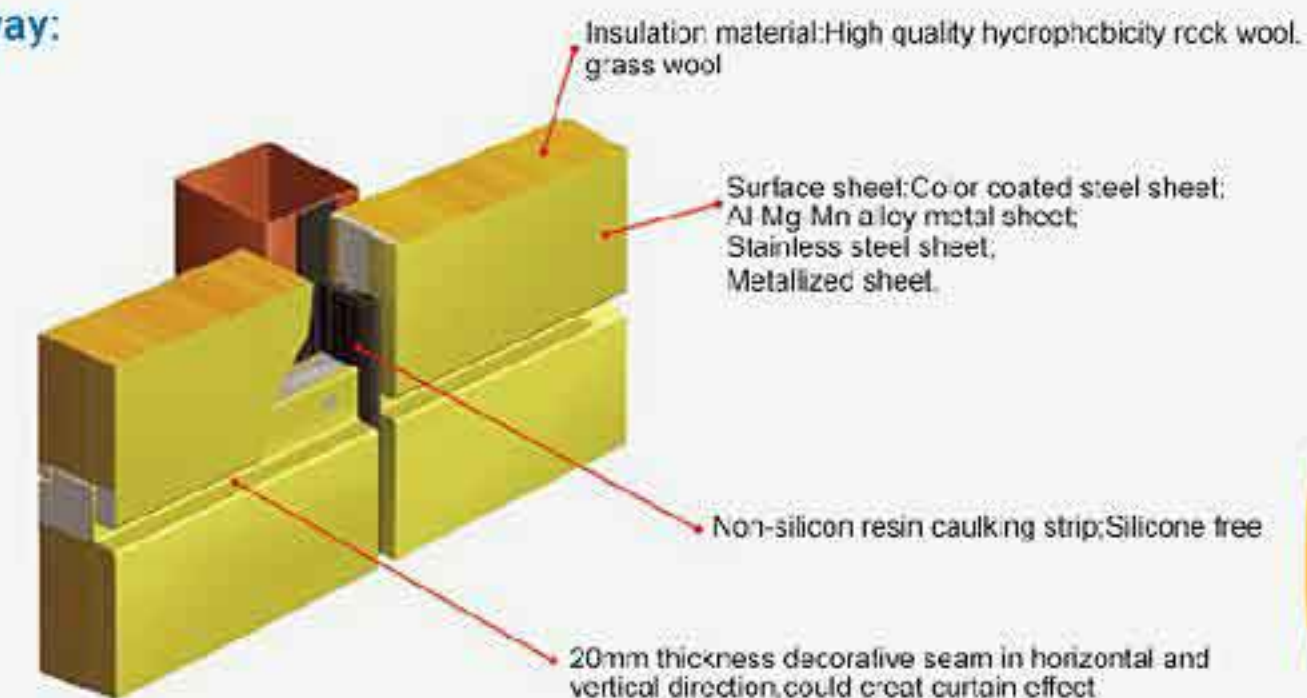
Lightweight, grace looking, and could solve cold storage industry temperature difference.

Under certain modulus, cold room could be changed freely at length, width and height three directions, which could be enlarged or reduced, which makes assembled panel separate then installed in other place. Easy installation.

# INSULATED PU PANEL

## TONGUE-AND-GROOVE:

Connection way:



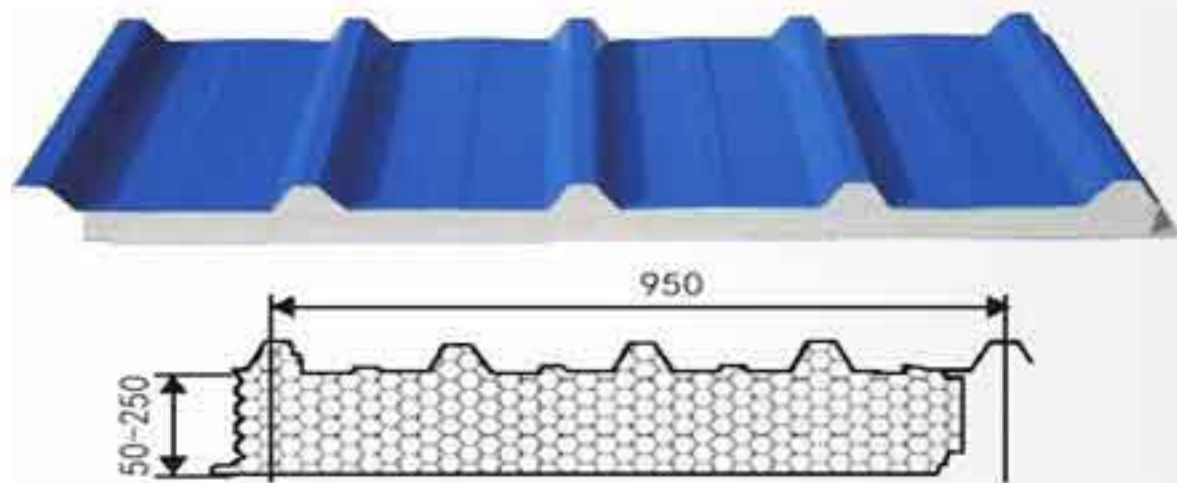
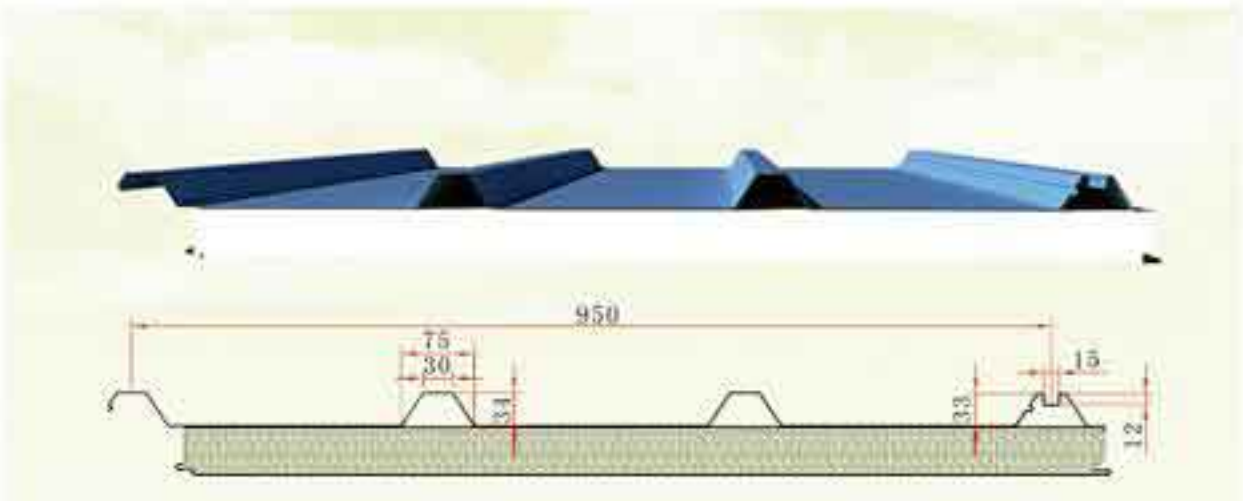
Property description:

Panel	Core material	Width(mm)	Advised length(mm)	Thickness(mm)
Color coated steel sheet	PUR+Hydrophobic rock wool PUR+Grass wool	400-1000	500-2500	50/60/75/100
Al-Mg-Mn alloy sheet				
Stainless steel sheet				
Metallized plate				

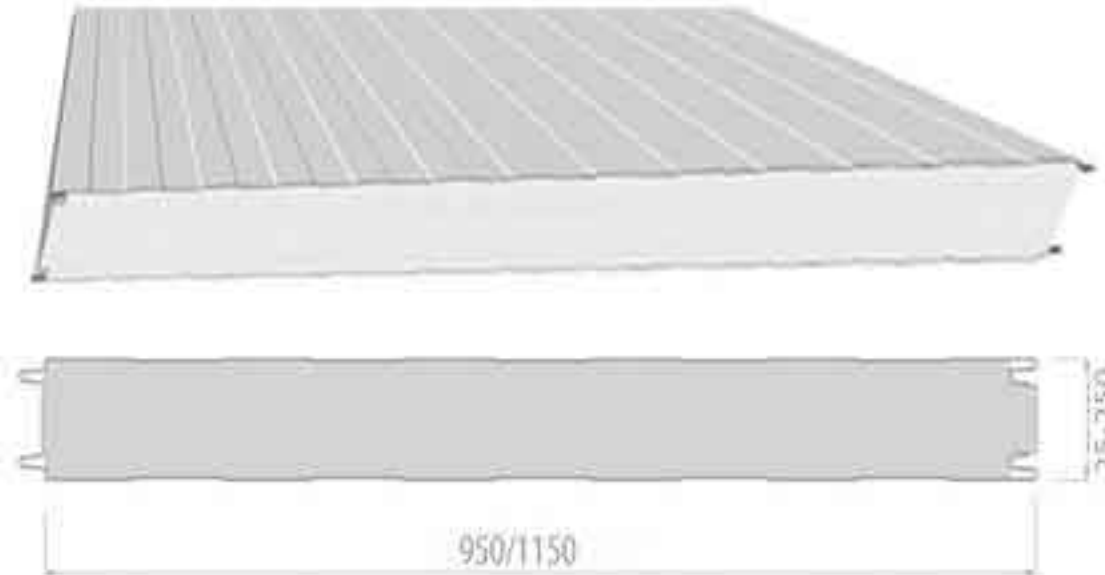
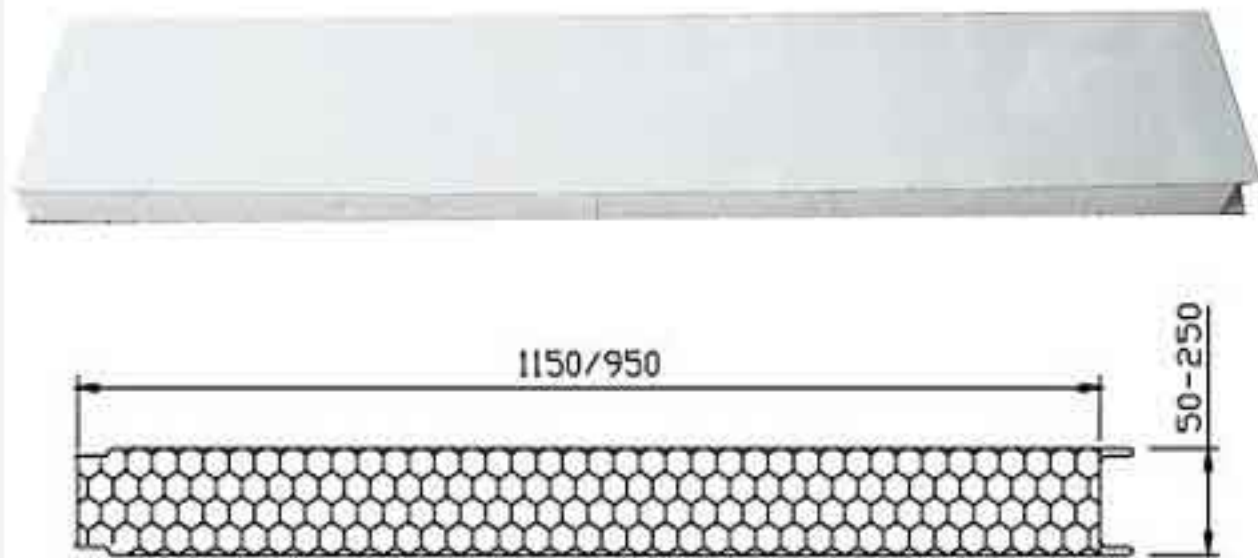




# EPS SANDWICH PANELS



# EPS SANDWICH PANELS



<b>Panel type:</b>	EPS roof sandwich panel
<b>Joint type:</b>	Z lock hidden screws type
<b>Effective width:</b>	950mm
<b>Steel sheet THK:</b>	0.40-0.70mm
<b>Panel thickness:</b>	50/75/100/150/200/250mm
<b>EPS density:</b>	8-20KG/M <sup>3</sup>



<b>Panel type:</b>	EPS roof sandwich panel
<b>Joint type:</b>	Common type
<b>Effective width:</b>	950/970/980mm
<b>Steel sheet THK:</b>	0.30-0.70mm
<b>Panel thickness:</b>	50/75/100/150/200/250mm
<b>EPS density:</b>	8-20KG/M <sup>3</sup>



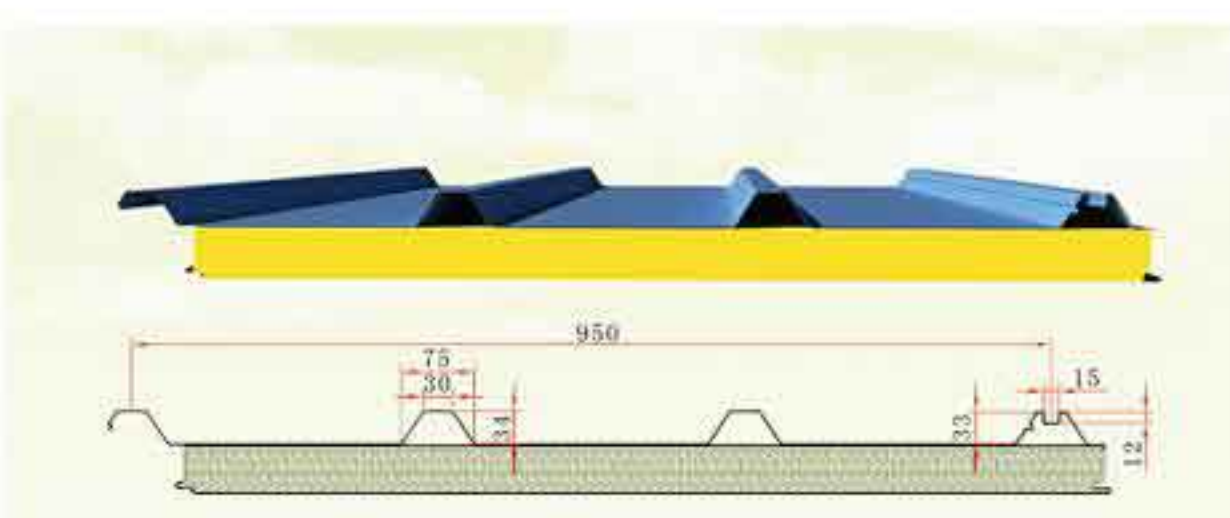
<b>Panel type:</b>	EPS wall sandwich panel
<b>Joint type:</b>	Common type
<b>Effective width:</b>	950/1150mm
<b>Steel sheet THK:</b>	0.30-0.70mm
<b>Panel thickness:</b>	50/75/100/150/200/250mm
<b>EPS density:</b>	8-20KG/M <sup>3</sup>



<b>Panel type:</b>	EPS wall sandwich panel
<b>Joint type:</b>	Z lock type
<b>Effective width:</b>	950/1150mm
<b>Steel sheet THK:</b>	0.30-0.70mm
<b>Panel thickness:</b>	25/50/75/100/150/200/250mm
<b>EPS density:</b>	8-20KG/M <sup>3</sup>



# ROCKWOOL SANDWICH PANELS

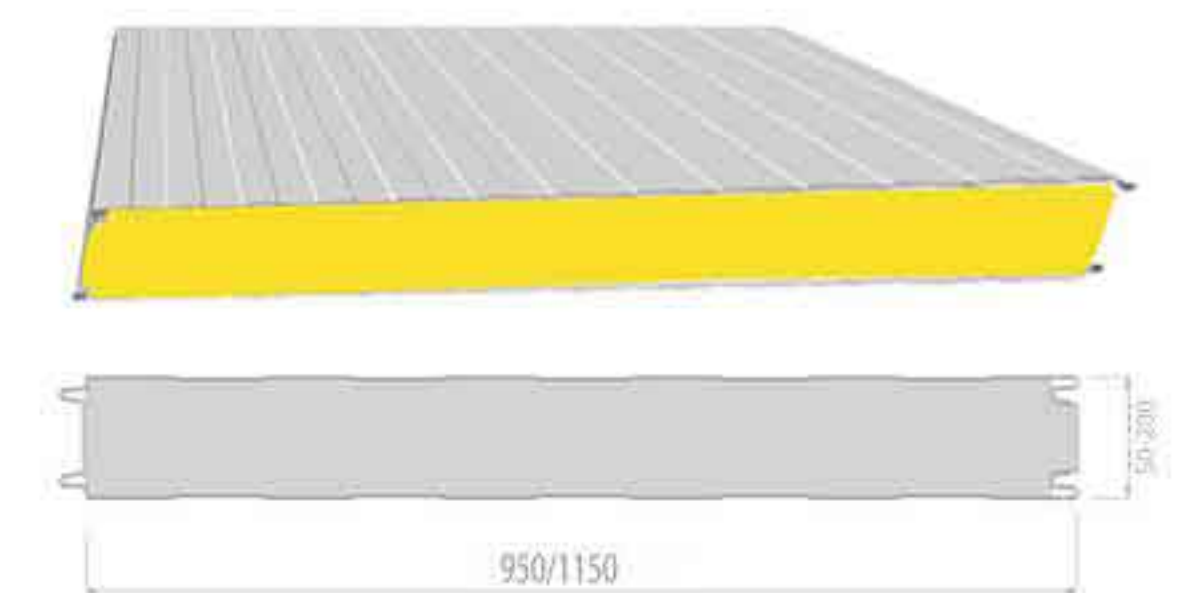


<b>Panel type:</b>	Rockwool roof sandwich panel
<b>Joint type:</b>	Hidden screws type
<b>Effective width:</b>	950mm
<b>Steel sheet THK:</b>	0.30-0.70mm
<b>Panel thickness:</b>	50/75/100/150/200mm
<b>Rockwool density:</b>	100-150KG/M <sup>3</sup>



<b>Panel type:</b>	Rockwool roof sandwich panel
<b>Joint type:</b>	Common type
<b>Effective width:</b>	950mm
<b>Steel sheet THK:</b>	0.30-0.70mm
<b>Panel thickness:</b>	50/75/100/150mm
<b>Rockwool density:</b>	100-150KG/M <sup>3</sup>

# ROCKWOOL SANDWICH PANELS



<b>Panel type:</b>	Rockwool wall sandwich panel
<b>Joint type:</b>	Common type
<b>Effective width:</b>	950/1150mm
<b>Steel sheet THK:</b>	0.40-0.70mm
<b>Panel thickness:</b>	50/75/100/150mm
<b>Rockwool density:</b>	100-150KG/M <sup>3</sup>



<b>Panel type:</b>	Rockwool wall sandwich panel
<b>Joint type:</b>	Z lock type
<b>Effective width:</b>	950/1000/1100/1150mm
<b>Steel sheet THK:</b>	0.40-0.70mm
<b>Panel thickness:</b>	50/75/100/150/200mm
<b>Rockwool density:</b>	100-150KG/M <sup>3</sup>



# HANDMADE CLEAN ROOM PANELS



Purification sandwich panels is using rockwool,grass wool,EPS(-Foam),and XPS(Extrusion plate)etc.,as core material,and the surface sheet could be pre-painted color steel sheets,Aluminized galvanized zinc plate,stainless steel sheets and PVC,etc.After manual process or machine to make it as composite panels.It is widely used in electronics, pharmaceuticals, food, biology, aerospace, precision instrument manufacturing and scientific research and other demanding decontamination fields in the indoor environment.



Ceiling Hanger Assembly

Coved Corner

Adjustable Floortrack



Liner Wall

Ceiling Perimeter (Studless)

Ceiling Perimeter (Liner)



Raised Air Return Wall



Floor at Liner



Floor at Framed Wall

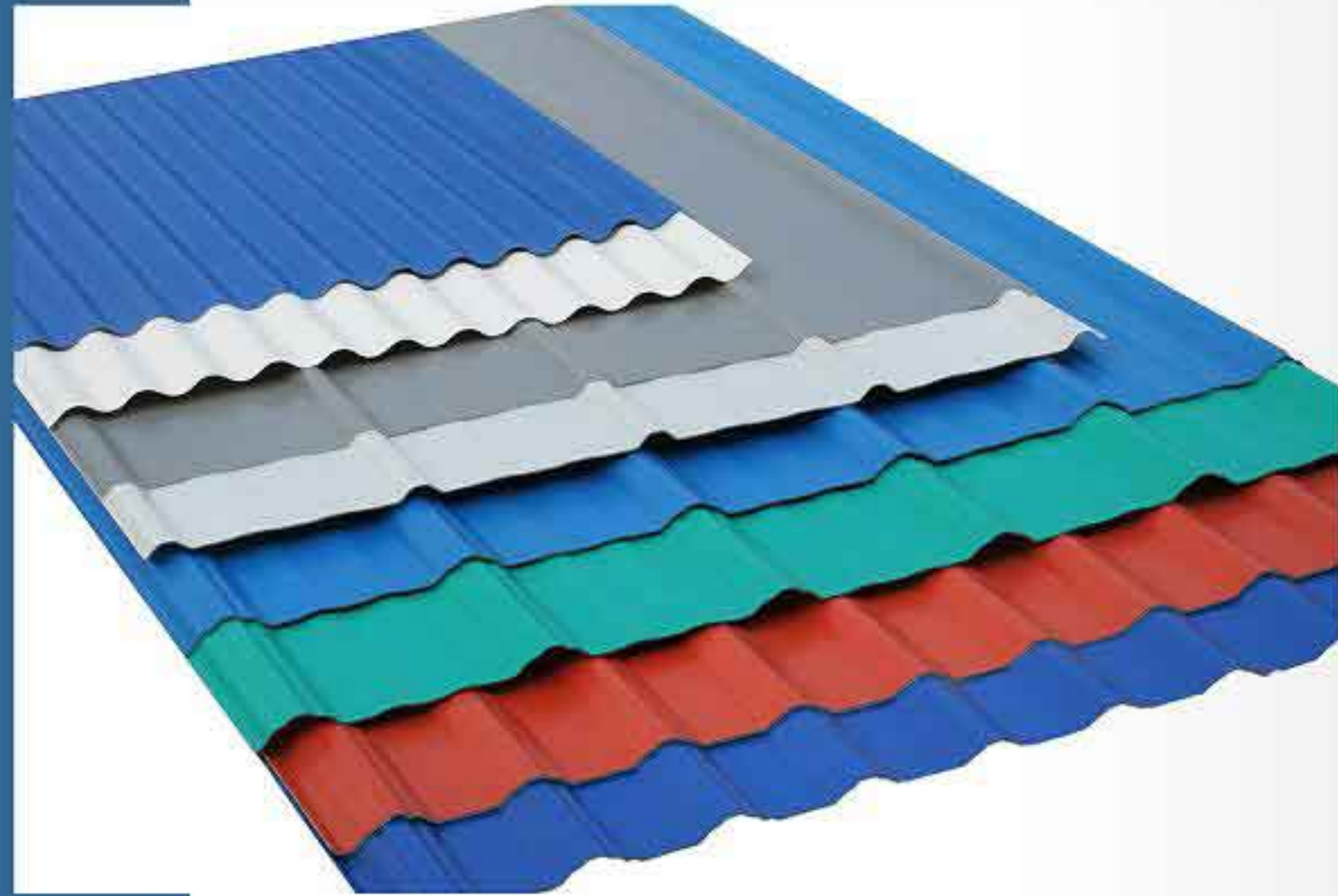


Wall Start/T-Intersection

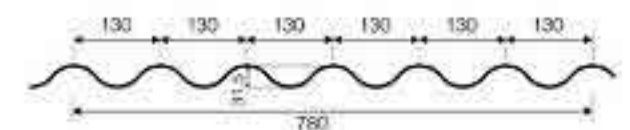
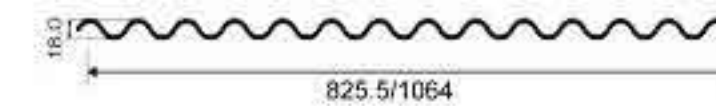
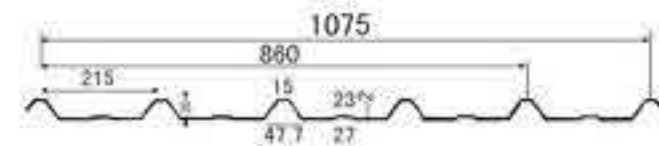
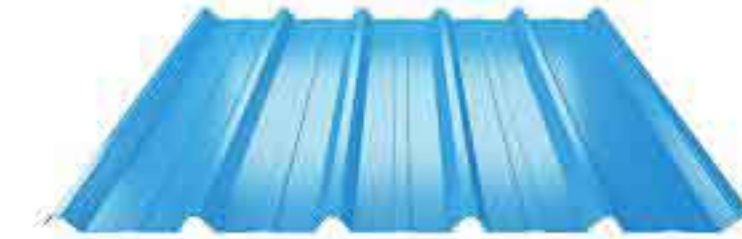
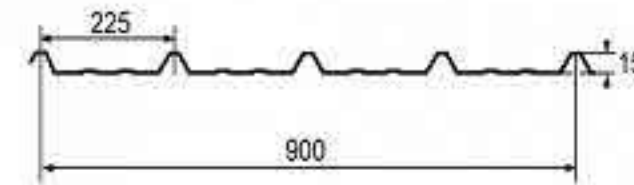
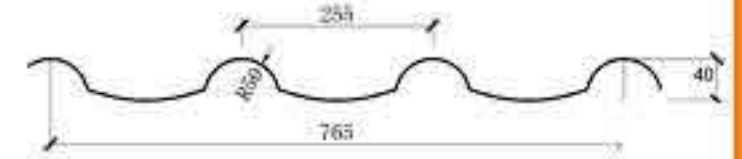
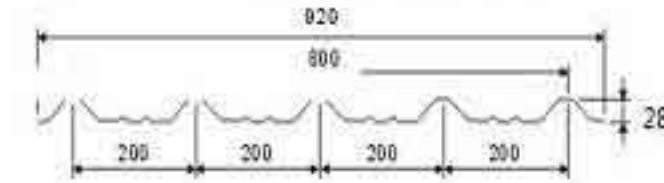
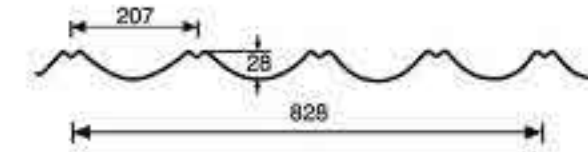


## CORRUGATED STEEL SHEETS

A Steel Roof is a roofing system made from galvanized or pre-painted corrugated steel sheet. It is a component of the building envelope. Steel roofing can be used for residential and commercial buildings. The same material used for metal roofs can be used for siding as well. Metal roofing can also be applied over an existing roof.

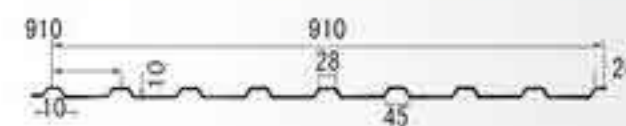
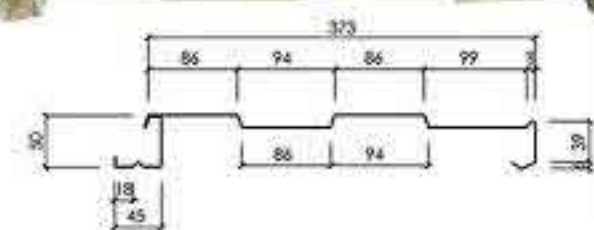
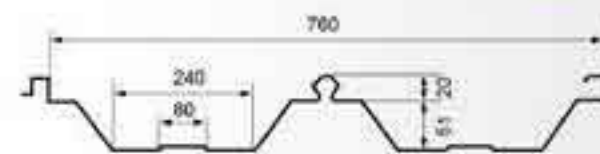
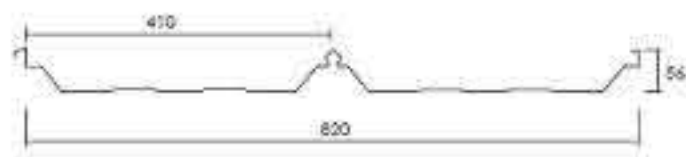
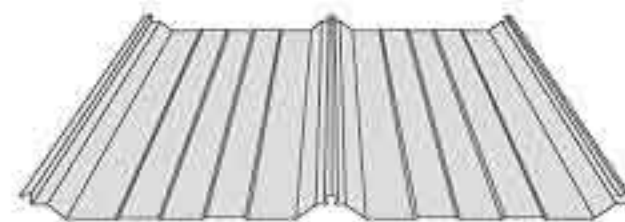
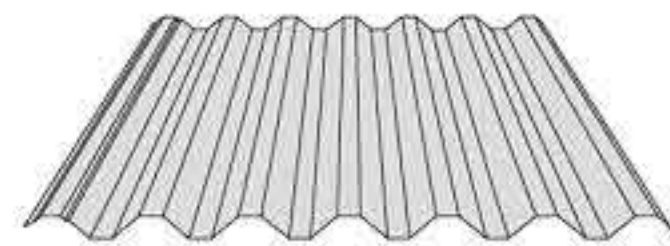


## SOME REGULAR MODELS





# SOME REGULAR MODELS



150/330/430MM

25mm



310/410MM

32MM



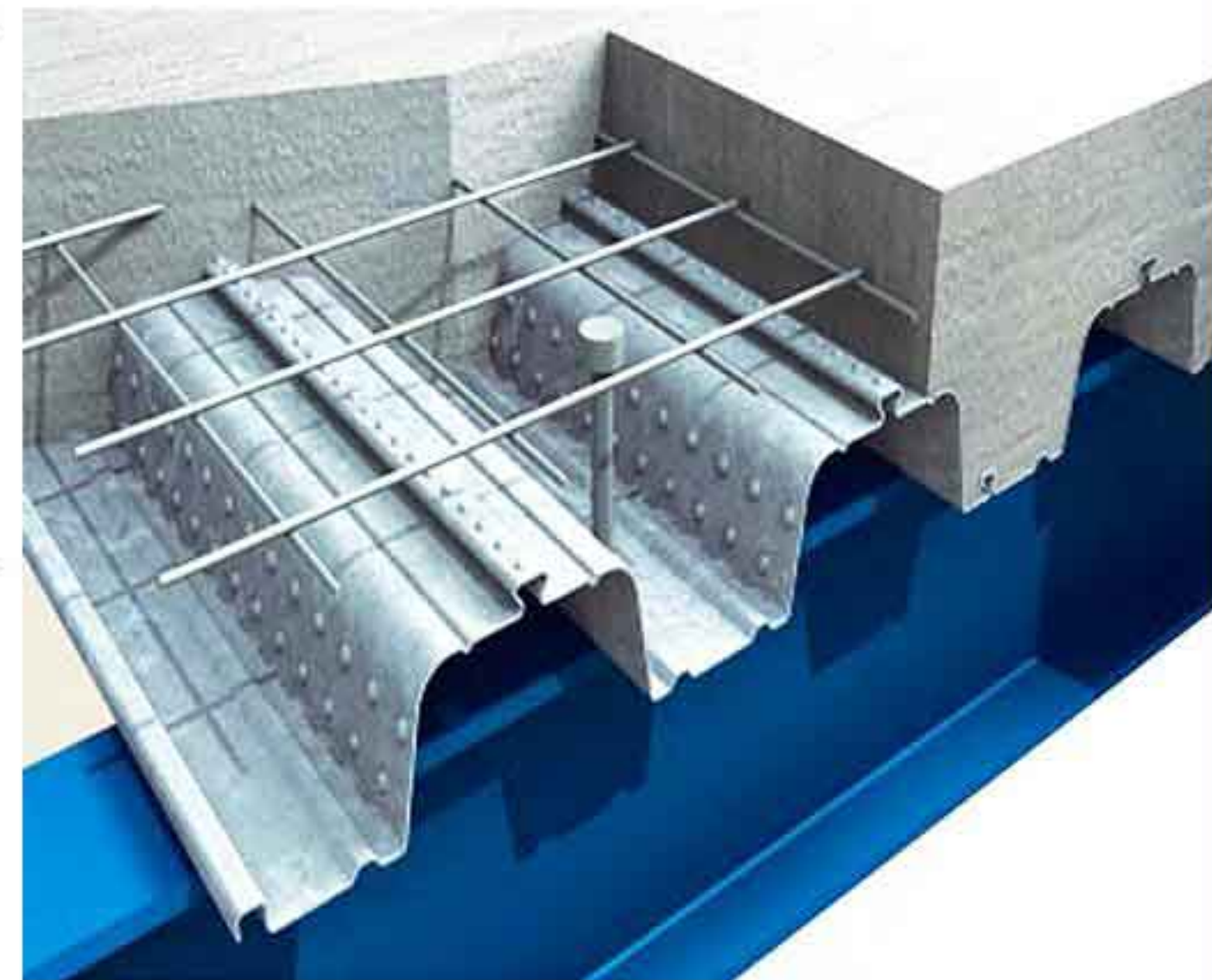
300/400/430/500MM

65mm

7mm

# FLOOR DECKING SHEETS

Floor decking sheets, this kind of steel sheets is the important auxiliary product of steel structure buildings. Floor decking sheets are also called corrugated galvanized steel sheet, which are the permanent upholding slabs used in the steel structure buildings, formed by zinc-coating steel sheet to be rolled and cold bended. It is both the permanent upholding slabs, working with the cast-in-situ concrete layer, and permanent component of buildings. After molding, can be divided into closed type, open type and steel bar truss girder.



Note: Other special models could also check with us.



# FLOOR DECKING SHEETS

## Open type steel deck list

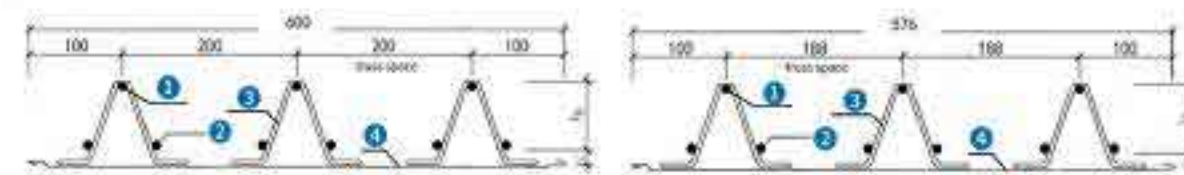
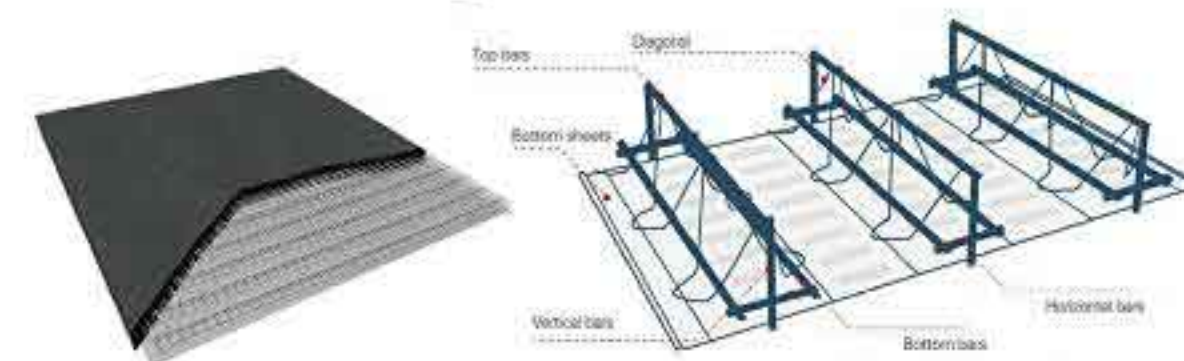
Picture	Model	Coilwidth (mm)	Thickness (mm)	Moment of inertia (cm <sup>4</sup> /m)	Cross-section Moment resistance (cm <sup>3</sup> /m)
	YX76-305-915	1220	0.75	105.00	23.28
			0.9	128.10	29.57
			1.0	148.45	36.50
			1.2	172.10	41.94
	YX130-300-600	1000	0.8	241.49	36.31
			0.9	275.99	41.50
			1.0	358.09	52.71
			1.2	441.34	63.95
	YX51-250-750	1000	0.8	44.23	14.59
			0.9	49.37	15.80
			1.0	56.21	18.28
			1.2	67.88	21.91
	YX35-125-750	1000	0.6	13.55	7.29
			0.8	18.13	9.69
			0.9	20.40	10.87
			1.0	22.67	12.05
	YX76-344-688	1000	0.8	117.63	29.53
			0.9	132.34	33.18
			1.0	147.06	36.84
			1.2	176.49	44.12
	YX51-305-915	1150	0.8	51.90	16.20
			0.9	57.40	19.70
			1.0	68.60	22.10
			1.2	76.50	28.10
	YX51-341-1025	1250	0.8	51.38	14.68
			0.9	57.80	16.52
			1.0	64.22	18.35
			1.2	77.06	22.02
	YX75-200-600	1000	0.8	89.9	21.95
			1.0	119.3	29.99
			1.2	151.84	39.39
			0.8	121.93	31.53
	YX75-230-690 (1)	1100	1.0	154.42	39.47
			1.2	186.15	47.32

## Closed type steel deck list

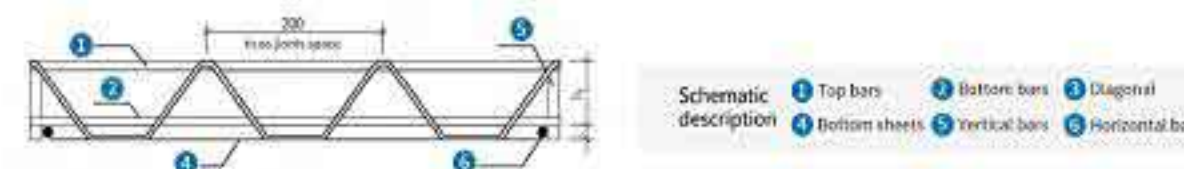
Picture	Model	Coil width (mm)	Thickness (mm)	Moment of inertia (cm <sup>4</sup> /m)	Cross-section Moment resistance (cm <sup>3</sup> /m)
	YXB65-170-510	1000	0.8	98.60	22.41
			0.9	110.93	25.21
			1.0	123.35	28.01
			1.2	147.90	33.61
	YXB65-185-555	1085	0.8	93.80	17.05
			0.9	114.68	21.07
			1.0	123.35	23.27
			1.2	152.91	29.35
	YXB65-240-720	1210	0.75	83.50	21.30
			0.9	96.60	24.20
			1.0	104.30	25.90
			1.2	126.00	29.80
	YXB65-254-762	1250	0.8	71.21	39.89
			0.9	78.54	41.52
			1.0	85.86	43.15
			1.2	106.29	47.88
	YXB48-200-600	1000	0.8	43.24	12.35
			0.9	48.65	13.90
			1.0	54.05	15.44
			1.2	64.86	18.53
	YXB51-283-850	1250	0.8	12.35	43.24
			0.9	13.90	48.65
			1.0	15.44	54.05
			1.2	18.53	64.86
	YXB54-185-565	1000	0.8	52.72	15.34
			0.9	64.37	17.21
			1.0	71.52	19.07
			1.2	85.83	22.77
	YXB50-266.6-800	1200	0.8	52.72	15.34
			0.9	64.37	17.21
			1.0	71.52	19.07
			1.2	85.83	22.77

# FLOOR DECKING SHEETS

## Steel bar truss girder



600 Type steel bar truss girder sectional drawing      576 Type steel bar truss girder sectional drawing



Different types of steel bar truss girder sectional drawing

Product Composition	Top bars, Bottom bars, Diagonal, Bottom sheets, Vertical bars	
Product parameters	1. Top bars, Bottom bars: Three-stage hot-rolled coiled steel bar HRB400E, HPB300; 2. Diagonal: Three-stage hot-rolled coiled steel bar HRB400 or Cold rolled round bar with equivalent performance CRB550; 3. Vertical bars: Three-stage hot-rolled coiled steel bar HRB400, HPB300; 4. Bottom sheets: Using Q235 cold-rolled steel plate or not less than S250GD+Z brand galvanized steel plate. The galvanized amount is not less than 120g/m <sup>2</sup> on both sides.	
Product specs	reinforced steel girder	Specs
	Bottom sheet width (mm)	820mm-1000mm
	Length (m)	1.0-12.0
	Floor thickness (mm)	100-200
	Steel truss height (mm)	70-270
	Concrete cover thickness (mm)	15mm-20mm
Bottom sheet thickness (mm)	0.4mm-0.8mm	

Steel bar truss girder is using imported advanced equipment to welded the steel trusses, and welded steel trussed with galvanized steel sheets in factory, to make it into composite floor decking sheets. During the construction stage, the reinforced truss floor slab can withstand the construction load, could be directly laid on the beam, and a simple steel reinforcement project can be used to pour the concrete. Due to the complete replacement of the template function, the erection and disassembly of the formwork is reduced, and the efficiency of the slab construction is greatly improved.

Steel bar truss floor slabs are economical, convenient, safe and reliable. It is widely used in multi-storey buildings, multi-storey, high-rise, super high-rise steel buildings, various irregular floors, concrete structures, high-speed railways and other structural and architectural fields.





WE HAVE STEEL FABRICATION SERVICE TO SUPPORT YOUR PROJECT.

## DIFFERENT KINDS OF STEEL COMPONENT



Steel columns



Steel beams



Arched square tubes

Our company specializes in steel structure construction, integrating research and development, design and production. We have the most advanced production equipment, two BH steel production lines, one heavy steel production line and purlins, color profiled steel plate production line, equipped with imported American Lincoln automatic submerged arc welding machine, Panasonic CO<sub>2</sub>, AC and DC welding machine, electroslag Welder, flat CNC drilling, three-dimensional CNC bed, multi-door CNC cutting machine, imported hydraulic punching machine, hydraulic shearing machine, sawing machine, milling machine, H-beam automatic assembly machine and other equipment to ensure the welding quality, production and Installation accuracy. The company mainly processes, sells and installs all kinds of variable section H-shaped steel and BOX column beams, including various steel structure fittings. It can also manufacture and process various specifications of C and Z type purlins and color steel plates according to customers' needs. The annual output of steel components such as BH and BOX steel is more than 30,000 tons.



# PREFABRICATED BUILDINGS

## CONTAINER HOUSES



# PREFABRICATED BUILDINGS

## LIGHTWEIGHT VILLAS



Light steel villa is kind of modular house, consisting of cold form, thin-walled light steel keel system, thermal wall system, and roof system. It is new type of energy conservation and environment protection house which is easy and convenient to install.

### The Advantages of light steel villa :

- ☆ Easy to install: all the fixed holes and pipe holes are prepunched, 2-3 workers can finish the installation. (save 70% labor cost, shorten 10% construction period, fasten 30% the construction process)
- ☆ Suitable for extreme climate, can endure 9 grade seismic, 12 grade hurricane, 1500mm snow load 2.5h fire resistance.
- ☆ Moisture-proof and great ventilation design.
- ☆ Long lifespan up to 50 years.
- ☆ Dry construction and recycled building materials, environment-friendly.
- ☆ Short construction period, saving up to 50% time period of construction.





# PROJECTS

## Steel warehouse

01

Steel warehouse in Melbourne, Australia  
Company name: TMT Machinery Imports  
Products supplied: PU sealing rockwool sandwich panels



## High rise buildings

03

High rise buildings in Dhaka, Bangladesh  
Company name: A.K.M. Knit Wear Ltd  
Products supplied: Steel plates & Floor decking sheets



## Prefab house

05

Prefab house in Tasmania, Australia  
Company name: Mobile Milling Tasmania  
Products supplied: EPS sandwich panels & Corrugated steel sheets



# PROJECTS

## Ashuganj North Power station

02

Power station in Dhaka, Bangladesh  
Company name: McDonald Steel Building Products Ltd.  
Products supplied: Z lock rockwool roof & wall sandwich panels



## Slaughter house

04

Steel structure in Csapod, Hungary  
Company name: AL-MERINOS GMBH  
Products supplied: Full set of steel structural products



## Qingdao Hailan Nitto

06

Steel factory in Qingdao, China  
Company name: Nitto Group  
Products supplied: PIR roof & wall sandwich panels





# PROJECTS

## Haier group

07

Office building in Qingdao,China  
Company name:Haier group  
Products supplied:PU sealing rockwool  
sandwich panels



## LG group

09

High rise buildings in Guangzhou,China  
Company name:LG group  
Products supplied:Steel bar truss girder(-  
Composited decking sheets)



## Nanshan hospital

11

High rise building in Shenzhen,China  
Company name:China Construction Group  
Products supplied:Floor decking sheets



# PROJECTS

## Coffee Shop container house

08

Coffee shop at Dubai Jumeirah Beach  
Company name:Impex Metals Co. Ltd  
Products supplied:Container house



## Multiple Containers

10

Site office building in Bingzhou,China  
Company name:China Construction Group  
Products supplied:Multiple containers



## Lightweight steel villa

12

Steel villa in Manila, Philippines  
Company name:Union Galvasteel Corporation  
Products supplied:Full set of material for  
lightweight steel villa





# AROUND THE WORLD

We constantly devote ourselves to the super value service and supply of steel structure products. Continuously scale new heights, endeavor to surpass the limit of ourselves. Make a better world with our diligence and wisdom.

## Yumi power:

20 Years of experience

6 Companies 2000+Workers

5+Billion RMB of Turover

200+Customers all over the world



Warmly welcome you to be our **business partners.**

## Sales team

Professional sales team, One-to-one service;  
Combination of industry and trade company, to ensure the service and price;  
Intimate after-sales service.

## Engineer team

Experienced engineer team to offer professional technology service, which is including structural designs, installation advice, standard advice, etc.

## Production team

Our production is not only a team to make good quality products, but also a team to create new products to meet customers' requirement. Also offering the packing, loading and unloading advice.