

QINGDAO BESINO INDUSTRY AND TRADE CO., LTD.

Expert In Intelligent Manufacturing Of Enclosure System Products



Forge ahead, the pursuit of excellence

COMPANY PROFILE

QINGDAO BESINO was established in 2009 and is located in Qingdao city. We enjoy convenient transportation and beautiful environment. Our factory is in Weifang ,the beautiful city of kites. Our factory covers an area of 5000 square meters and has 50 employees. We are specialized in building materials for over 15 years. Our company have rich experience in the building materials industry, dedicated to strict quality control and thoughtful customer service. Our experienced staff are always available to discuss your purchase requirements and ensure customer satisfaction. In addition, we have obtained CE,ISO,SGS,DOT certificates.

Our main products include Sandwich Panel, Galvanized Corrugated Steel Sheet, Container House, PPGI/PPPGL steel coil, Steel structure and Silicone Glue. Besides, we are making great efforts to develop



new products to meet different requirements. Our products are selling well in more than 20 countries and regions on the world, such as: Germany, France, Norway, Portugal, Spain, Bulgaria, Mexico, Iraq, Australia, Philippines, Japan, Canada, Chile, Peru, Saudi Arabia and Africa, etc.

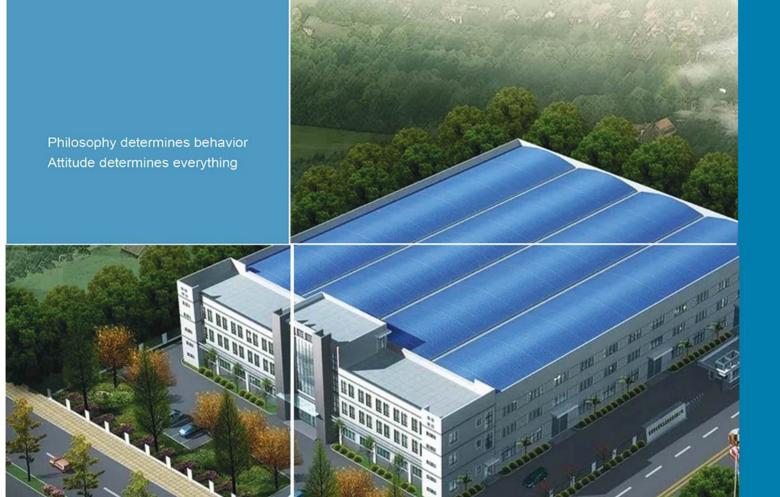
Our factory is also maintain good business relationships with Shanghai Baosteel, Yehui(China), Shandong Guanzhou, Linqing Hongji and other famous steel groups. The annual production capacity is 3 million meters. We are adhering to the business principle of mutual benefits, we have had a reliable reputation among our customers because of our professional services, quality products and competitive prices. We warmly welcome customers from all over the world to establish cooperation and achieve successful business together.



ABOUT US

Company Culture

Enterprise Honor



PRODUCT INTRODUCTION

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COMPANY CULTURE

Customer first, integrity, passion, unity, dedication





Enterprise Development Concept

Strive for truth, be brave in innovation, serve the society, and serve the country.

Core Value

Achievement of customers, innovation as the priority, honesty and responsibility

Business Philosophy

Talent-oriented and honesty

Company mission

Leading the industry, achieving the beauty of architecture, and establishing the "BESINO" brand

















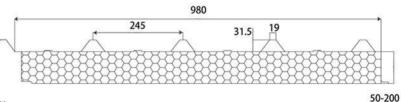
[EPS Sandwich Panel]

EPS Sandwich Roof Panel

EPS sandwich panel uses EPS foam as the core material and color steel plate as the core material. The surface layer, through the automatic continuous forming machine, is pressed with high-strengthAdhesive bonding, excellent thermal insulation performance.



Lap-type 980EPS core corrugated board:



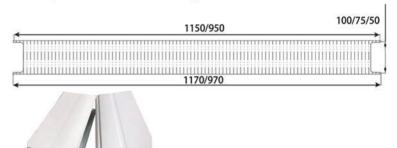
Illustrate:

- 1. The upper steel plate is expanded to 1200mm
- 2. The lower steel plate is expanded by 1000mm
- 3. The thickness of the sandwich panel is 50mm-200mm
- 4. The length of the sandwich panel is 2m-18m optional

EPS Sandwich Wall Panel



Refractory core material socket board (groove board), width 1150 and 950 two kinds:



Illustrate:

- 1. The width of the sandwich panel is 1150, and the upper and lower steel plates are expanded by 1200mm.
- 2. The width of the sandwich panel is 950, and the upper and lower steel plates are expanded by 1000mm.
- PRODUCT PARAMETERS 3. Sandwich panel thickness 50mm, 75mm, 100mm
 - 4. The length of the sandwich panel is 2m-6m optional

Roof Panel-

Thickness mm	50	75	100	150	200
Board weight kg/m ²	0.169	0.201	0.232	0.29	0.360
Limited width mm	950				

Wall Panel-

Thickness mm	50	75	100	150	200
Board weight kg/m2	0.159	0.191	0.223	0.287	0.351
Limited width mm	950				
length mm	Can be de	etermined according	ng to design requireme	ents and transportation	n and installation condition



[EPS Sandwich Panel]



Z-LOCK wall panel

Width: 950mm, 1150mm

Thickness: 25mm,30mm,50mm,75mm,100mm,120mm,150mm,200mm,250mm



Australian style hidden nails

Width: 950mm

Thickness: 50mm,60mm,75mm, 80mm,100mm,120mm,

[Rock Wool Sandwich Panel]

PERFORMANCE SUMMARY

INSULAION, FIRE, PROTECTION PREFERRED PRODUCTS

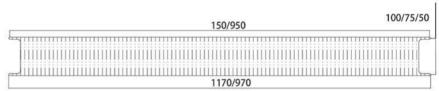
The rock wool sandwich panel fire protection system combines rock wool and steel plates into a whole through professional automation equipment, thus changing theln the past, the rock wool board needed to be compounded on site. On the premise of meeting the requirements of building insulation, heat insulation, noise reduction, and fire protection, it can reach the To the goal of high quality, high efficiency, reliability and safety.

950/1150 ROCK WOOL SANDWCH WALL PANEL





Refractory core material socket board (enterprise board), two kinds of width 1150 and 950



Description: 1. Model 1150 sandwich panel, the upper and lower steel plates are expanded to 1200mm

- 2. The width of the sandwich panel is 950, and the upper and lower steel plates are expanded by 1000mm.
- 3. Sandwich panel thickness 50mm, 75mm, 100mm
- 4. The length of the sandwich panel is 2m-6m optional

PRODUCT

- High quality hydrophobic rock wool
- Water repellency rate ≥ 98%, the layout is more stable
- Does not produce corrosive substances.
- Better fire performance.

PRODUCT PARAMETERS

wall panel

Thickness mm	50	75	100	150	200
Board weight kg/m ²	0. 159	0. 191	0. 223	0. 287	0. 351
Effective width mm	950				

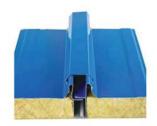
[Rock Wool Sandwich Panel]

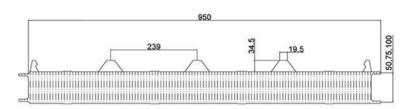
950METAL ROCK WOOL ROOFING COMPOSITE PANEL

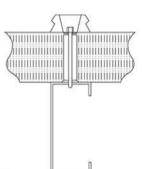




Hidden 950 refractory core corrugated board:







■ PRODUCT

- High quality hydrophobic rock wool
- Water repellency rate ≥ 98%, the layout is more stable
- Does not produce corrosive substances.
- Better fire performance.

- 1. The upper steel plate is expanded to 1200mm
 - 2. The lower steel plate is expanded by 1000mm
 - 3. The thickness of the sandwich panel is divided into 50mm, 75mm and 100mm
 - 4. The length of the sandwich panel is 2m-18m optional

■ PRODUCT PARAMETERS

wall panel

Thickness mm	50	75	100	150	200
Board weight kg/m2	0. 159	0. 191	0. 223	0. 287	0. 351
Effective width mm	950				

illustrate:

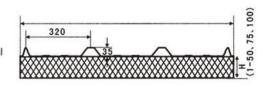
[Glass Wool Sandwich Panel]

Glass Wool Sandwich Roof Panel

Colored steel plate glass wool sandwich panel is composed of upper and lower layers of color profiled steel plates through the combination of keel and glass wool. It is divided into two types: roofing board and wall board. The hanging mesh glass wool sandwich panel is made of stainless steel wire instead of the lower layerA new type of thermal insulation roofing material of color profiled steel plate. Glass wool sandwich panel has good fire resistance, It is widely used in the walls and roofs of industrial plants and other buildings.

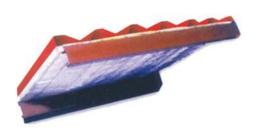


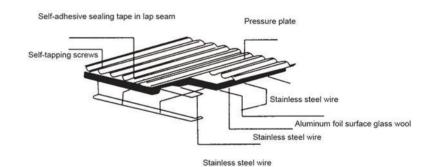
Glass wool core material



Glass wool sandwich panel wall panel (special for fireproof workshop)

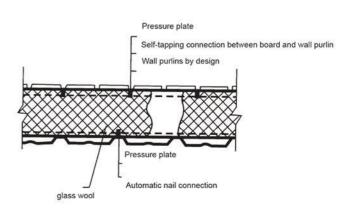
Hanging Net Glass Wool Sandwich Roof Panel



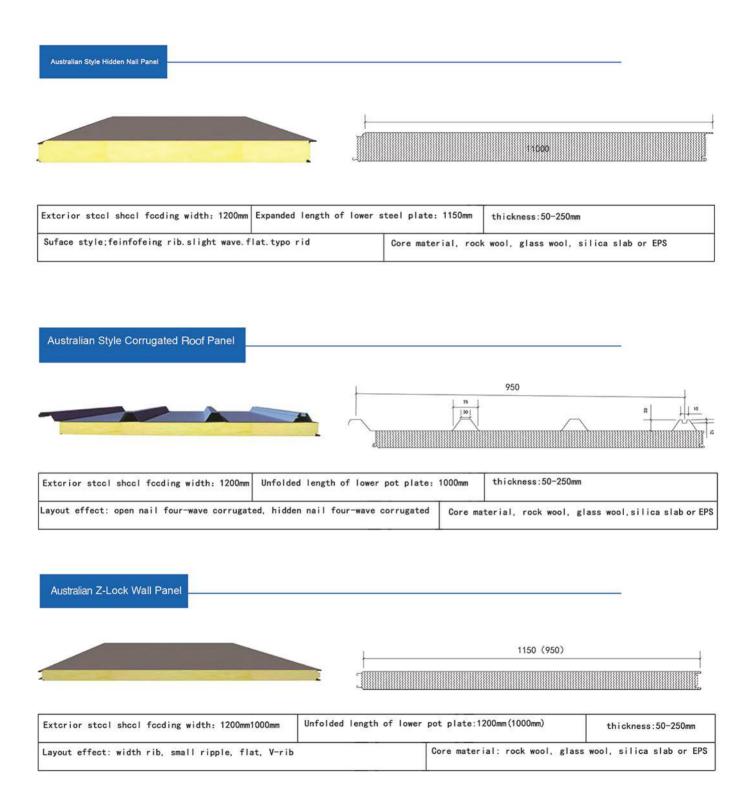


Glass Wool Sandwich Wall Panel



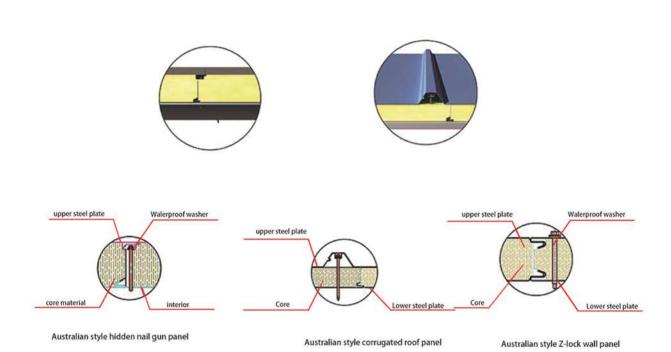


[Australian Style Hidden Nail Panel]



[Intention of Lap Joint Method]

Lntent Of The Lap



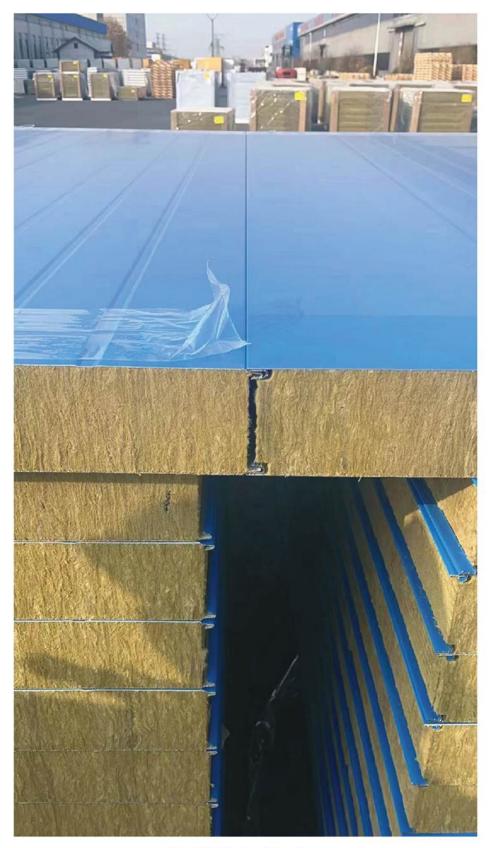
Quality characteristics :

- 1. no cold bridge.
- 2. fire rating reached the nationallevel No thermalbridge adiabatic.
- 3. connection by hidden type.
- 4. brightcolor. no surfacedecoration.
- 5. the installation of flexible and fast,

Application:

Sandwich panel usually use 10 building large-scaleworkshop. warehouse. gym. shopping market .hospital. cold storage. trailer park appendant asbuilding. clean room and thermal insulation park.



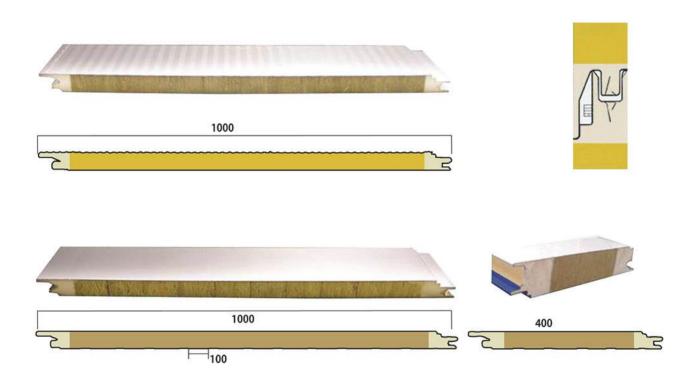


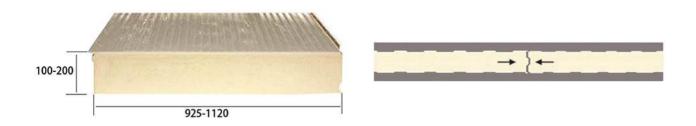
Z-lock Wall Sandwich Panel



【 Rock Wool Sandwich Panel with PU Edge 】

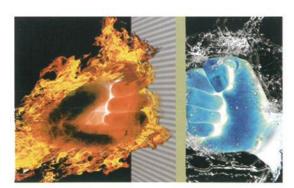
Wall Panel



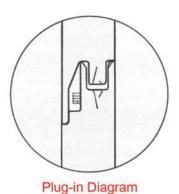




[Rock Wool Sandwich Panel with PU Edge]







effective width	400-100mm
thickness	50mm/75mm/100mm/150mm

Product Features

performance and thermal insulation.

Fire resistance: Polyurethane is a B1 fireproof material with an oxygen index of ≥32%, which can effectively reduce fire losses.

Thermal insulation and energy saving: The thermal conductivity of polyurethane is between 0.019-0.023w/m.k, which is an excellent thermal insulation material. Excellent node design to ensure sealing

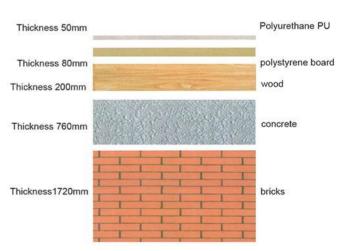
Good sound insulation: good sound insulation, effectively reducing the interference of external noise.

Water tightness/air tightness: The hydrophobicity of the polyurethane material is ≤0.5%, and the end connection of the board is sealed inside to maintain good air tightness.

Sturdy and durable: bulk density is about 45kg/m3, high strength, durable and stable.

Beautiful façade: screw hidden node design, high flatness of the board surface, rich colors of the baking paint coating, and long-lasting color.

Material name	Thermal conductivity (W/m.k)	
Polyurethane rigid foam (PU)	0. 0919-0. 023	40
Extruded polystyrene board (XPS)	0. 027-0. 031	60
Polystyrene Board (EPS)	0. 037-0. 041	80
polystyrene particles	≤0.060	160



[PUR Sandwich Panel]

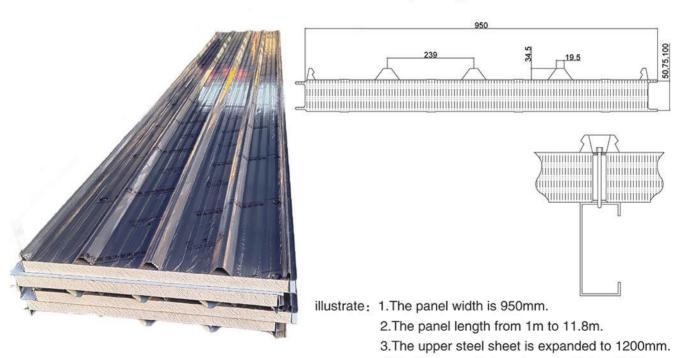
PU Sandwich Panels are composed of 3 layers, the external and internal is two dyed Galvanized or Aluminum corrugated plates, and core high density POLYURETAHE foam. Thanks to their properties the panels may be applied in object that require very high fire resistance, PU sandwich panel is the most effective acoustic materials used on construction.

<u>011</u>	
Product Name	PUR Sandwich Panel
Panel Width	950 mm 1150mm
Panel Length	1m-11.8m
Core	PUR core
Core Thickness	50mm,75mm,100mm,120mm
Density of Core	38kg-42kg/m3
Steel Thickness	0.3 mm-0.8 mm
Steel Color	RAL color
Galvanized Layer Of Steel Sheets	Exterior sheet and Inner sheet: Aluzinc,
300	Zinc and Aluminum coating
Metal Sheet	Color Coated Steel Sheet / Stainless
	steel plate

PUR Sandwich Roof Panel

Hidden 950 refractory core corrugated board:

4. The lower steel sheet is expanded to 1000mm.





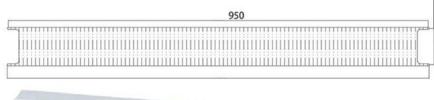
[PUR Sandwich Panel]

PUR Sandwich Wall Panel





Refractory core material socket board (enterprise board), two kinds of width 1150 and 950





The panel width is 950mm or 1150mm.

The panel length from 1m to 11.8m.

The upper steel sheet is expanded to 1000mm.

The lower steel sheet is expanded to 1000mm.

Thermal insulation

Polyurethane material porosity structure is stable, basically closed cell structure, not only good thermal insulation performance, but also freeze-thaw resistance, sound absorption is good.



Fire and Flame retardant

The polyurethane material is added with flame retardant in the foaming process, and the formed polyurethane material is flame resistant and self-extinguishing, and carbon deposits are formed on the foam surface during combustion, effectively preventing the spread of fire.



[PIR Sandwich Panel]

PUR/PIR, as an excellent thermal insulation material, is widely used in various fields around the world. Hongquan has introduced the most advanced PURPIR metal-faced sandwich panels in the world. Production line, realize specialized and large-scale production, and launch cost-effective, green and environmentally friendly metal surface energy-saving plates.

Using the world's advanced seven-component online foaming mixing pouring technology, the proportioning mixing process is completed online at one time, and can be adjusted in real time according to the temperature, so as to produceProduce stable, energy-saving, green and environmentally friendly high-quality building boards. Different types and grades of PUR/PIR sheets can be produced according to customer needs.

PIR product technical indicators

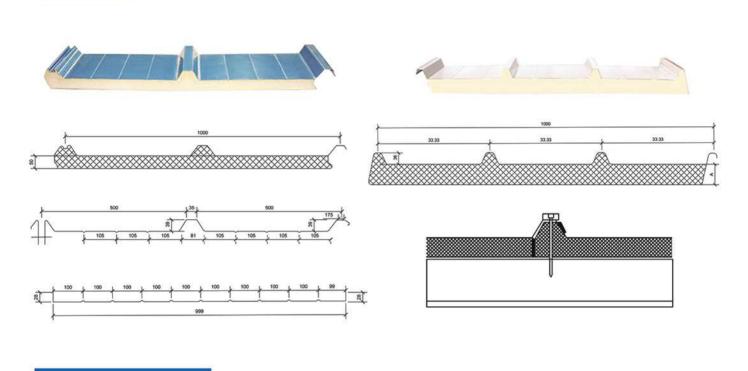
Density (room temperature)	kgm/m³	≤42.9	≥30	ASTM; D1622; GB6343 GB/T6343-95; JC/T868-2000
Thermal Conductivity	W/m.k	≤0.020	≤0. 027w/m, k	ASTM;D518;GB10294; GB102943-88;
moisture permeability coefficient	Ng/Pa.m.s	€3.34		GB/T17146
water absorption	g/100cm ²	≤0.5	≤4	GB/Z228; GB8810-88
Close rate	%	≤97	≥90	GB10799
Compressive strength	kPa	≥220	≥150	GB8813
Bending resistance	kN/m²	≥2450	≥1750	GB/T8812
Bending resistance		≥28	≥26	GB2406
Burning class		В		GB8624
Maximum flame spread	average burn time	≯15	≯25	ASTM E84
vertical combustion method	average burn height	≤7.96	≤30	GB8333
		≤15	≤250	
Dimensional stability		≤1%	≤1%	

Note: The curing time is 25 mm/24 hours, and other thicknesses are increased proportionally



[PIR Sandwich Panel]

Roof Panel



Wall Panel





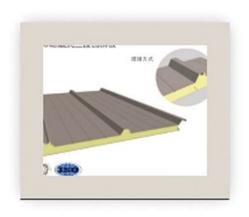
[PIR Sandwich Panel]



Normal Wall Panels



Cold Room Sandwich Panel



Three Waves Panel



M-Lock



Four Waves Pane



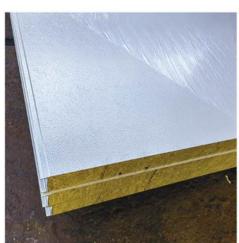
[Different Surfaces of Steel Sheets]







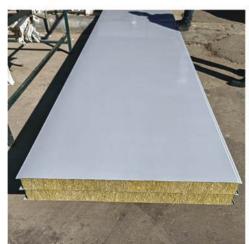
Water Ripples







Orange Peel Style







Flat Surface

[Different Surfaces of Steel Sheets]



304 Stainless Steel Surface



[Clean Room Sandwich Panel]

The purification board is made of various core materials such as polyurethane, rock wool, silica rock, magnesium oxysulfide, EPS (foam), XPS (extruded plastic board), color steel plate, aluminized zinc light board, nonStainless steel, printed steel plate, PVC and other auxiliary materials are machine-made into composite panels. Can be widely used in electronics, pharmaceuticals, food, biology, aerospace, precision instrumentsManufacturing and scientific research and other fields of purification engineering that have strict requirements on indoor environment.

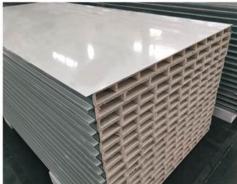
According to different sizes: divided into 950/1150QI tongue and groove board

According to different types of core materials: divided into rock wool purification board, EPS foam purification board, silica rock purification board, magnesium oxysulfide

Purification board, hollow glass magnesium purification board, etc.



Silica Purification Board



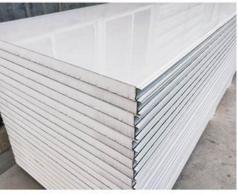
Hollow Glass Magnesium Purification Board



Magnesium Oxysulfide



Rock wool Purification Board



Foam Purification Board



Rock Wool Purification Board

Machine-Made Board Capacity Summary

The daily output of 50mm EPS, paper honeycomb board and silica rock board is 2500 square meters, and the processing time is 12-13 hours

The daily output of 50mm rock wool and magnesium oxysulfide is 2000 square meters, and the processing time is 12-13 hours

[Clean Room Sandwich Panel-Handmade]

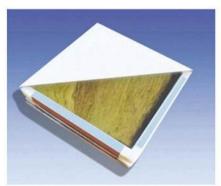
According to the size and shape: divided into 950/1150mm tongue and groove board/980/1180mm box board to non-standard special-shaped board (box board)



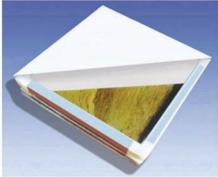


Tongue And Groove Board

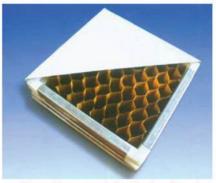
According to the type of core material: divided into rock wool purification board, single/double glass magnesium rock wool purification board, paper/aluminum peak nest purification board, Glass magnesium grid purification board, etc.



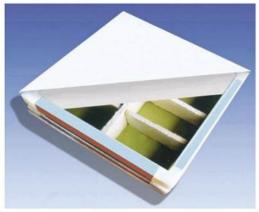
Rock Wool Purification Board



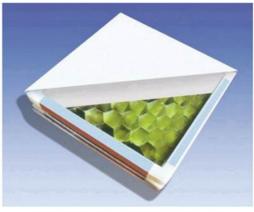
Glass Magnesium Rock Wool Purification Board



Paper Honeycomb Purification Board

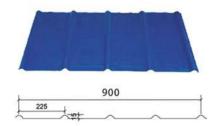


Glass magnesium grid purification board



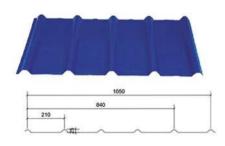
Aluminum Honeycomb Purification Board





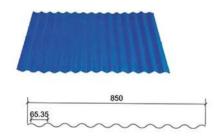
YX15-225-900

1745 225 500				
TYPE	TY15-225-900		APPLICATION	
EFFECTED WIDTH	900		ATTECHION	
FEEDING WIDH	DING WIDH 1000			
THICKNESS	0.4 0.8		ROOF LINING AND	
SECTION INERTIA	6.65 8.03		WALL SHEET	
SECTION RESISTANC	3.56	4.31		



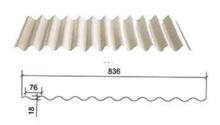
YX25-210-840(1050)

TYPE YX25-210-840/1050		APPLICATION	
EFFECTED WIDTH	840/1050		
FEEDING WIDH	1000/1200	POOFAND PANEL	
THICKNESS	0.4-0.8		



YX14-63.5-850

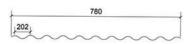
TYPE	TY14-63.5-850		ADDITION
EFFECTED WIDTH	850		APPLICATION
EEDING WIDH 1000		1000	
THICKNESS	0.4	0.8	ROOF SHEET
SECTION INERTIA	1.84 2.25		NOOF STILL
SECTION RESISTANC	2.04	2.50	



YX18-76-836

17120 70 000			
TYPE	TY18-76-83	6/1064	
EFFECTED WIDTH	836 1000		APPLICATION
FEEDING WIDH			
THICKNESS	0.4	0.8	ROOF SHEET
SECTION INERTIA	2.45	2.94	





YX31.5-130-780

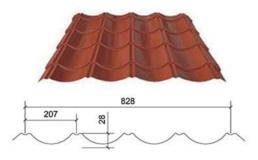
TYPE	WAV780		W222W22W23W3
EFFECTED WIDTH	780		APPLICATION
FEEDING WIDH	1000		
THICKNESS	0.4	0.8	DOOF CHEET
SECTION INERTIA	7.2	8.64	ROOF SHEET
SECTION RESISTANC	4.64	5.55	





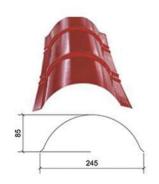
YX35-125-750 (V125)

TYPE	YX35-1		
EFFECTED WIDTH	750		APPLICATION
FEEDING WIDH	1000		
THICKNESS	0.4	0.8	ROOF SHEET
SECTION INERTIA	11.54	13.85	KOOF SHEET
SECTION RESISTANC	6.23	7.48	



YX28-207-828

TYPE	YX28-		
EFFECTED WIDTH	828		APPLICATION
FEEDING WIDH	1000		
THICKNESS	0.4 0.8		POOL CHEET
SECTION INERTIA	14.8	17.76	ROOF SHEET
SECTION RESISTANC	12.32	14.76	

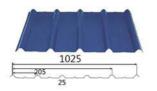


R85.4-168-210.5

TYPE	R85.4-16			
EFFECTED WIDTH		APPLICATION		
FEEDING WIDH	315			
THICKNESS	0.4	0.8	ROOF SHEET	
SECTION INERTIA	8.69	11.26	ROOF SHEET	
SECTION RESISTANC	4.23	5.32		

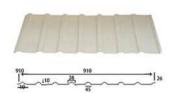






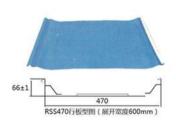
YX25-205-840(1025)

17120 200 0 10(2020)				
TYPE	YX2	A DDLICATION		
EFFECTED WIDTH	840/1025			APPLICATION
FEEDING WIDH		10	00/1200	
THICKNESS	0.5	0.6	0.8	ROOF SHEET
SECTION INERTIA	9.18	10.76	14.59	NOOT STILLT
SECTION RESISTANC	4.68	5.62	7.47	



YX10-2130-910(1040)

1710 2130 310(1040)		
TYPE	YX10-130-910/1040	
EFFECTED WIDTH	910/1040	APPLICATION
FEEDING WIDH	1000/1200	
THICKNESS	0.5	ROOF SHEET
SECTION INERTIA	2.097	ROOF SHEET
SECTION RESISTANC	3.22	



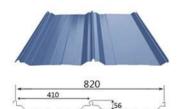
YX66-470

TYPE				
EFFECTED WIDTH	00/470		APPLICATION	
FEEDING WIDH				
THICKNESS	0.4	0.5	0.6	
(CM⁴/M) SECTION INERTIA	20.22	23.14	26.89	ROOF SHEET
(CM3/M) SECTION RESISTANC	10.11	12.65	14.54	KOOF SHEET



YX76-380-760

TYPE		80-760	ADDITION	
EFFECTED WIDTH	760			APPLICATION
FEEDING WIDH			1000	
THICKNESS	0.6	0.8	1.0	
SECTION INERTIA	37.27	49.69	62.11	JH-ROOF-PANEL
SECTION RESISTANC	12.29	16.39	20.48	



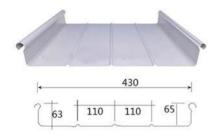
YX58-410-820

TYPE		10-820	ADDITION	
EFFECTED WIDTH	410/820			APPLICATION
FEEDING WIDH			1000	
THICKNESS	0.4	0.6	0.8	III DOOF DANIEL
SECTION INERTIA	37.53	49.77	62.14	JH-ROOF-PANEL
SECTION RESISTANC	12.41	16.52	20.59	



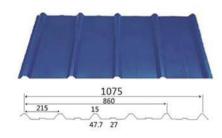
YX51-250-750

1731-230-730				
TYPE		//		
EFFECTED WIDTH	250-750			APPLICATION
FEEDING WIDH			1000	
THICKNESS	0.8	1.0	1.2	III DOOF DANIEL
SECTION INERTIA	8.37	10.47	12.56	JH-ROOF-PANEL
SECTION RESISTANC	10.98	12.56	16.48	



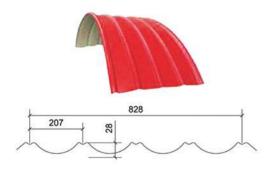
TD65-430

ТҮРЕ	TD-65-430	APPLICATION
EFFECTED WIDTH	430	
FEEDING WIDH	600	JH-ROOF-PANEL
THICKNESS	0.3-1.2	



YX20-215-860 (1075)

TYPE	YX20-215-860/1075			APPLICATION
EFFECTED WIDTH	860、1075			
FEEDING WIDH	1000、1200			
THICKNESS	0.5	0.6	0.8	POOF LINIG AND WALLPANEL
SECTION INERTIA	8.01	10.47	14.02	



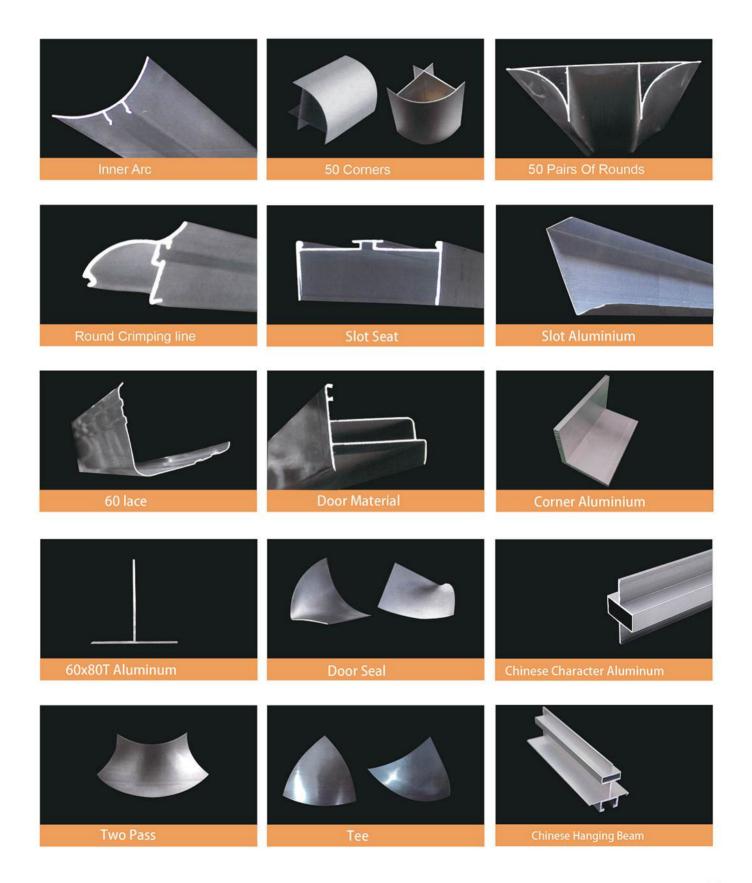
YX25-205-820

TYPE	YX25-205-820		APPLICATION
EFFECTED WIDTH	820		
FEEDING WIDH	1000		
THICKNESS	0.4	0.8	ROOF SHEET
SECTION INERTIA	4.38	5.32	
SECTION RESISTANC	7.18	8.55	

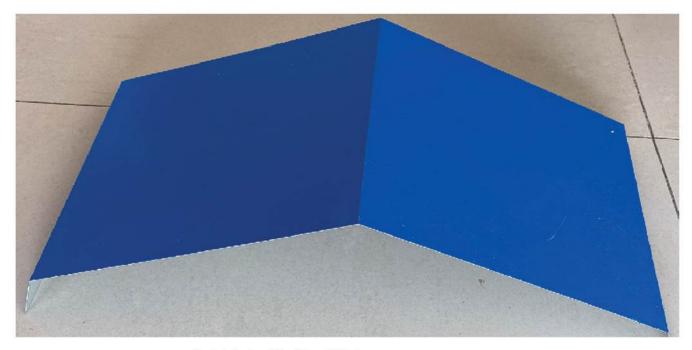




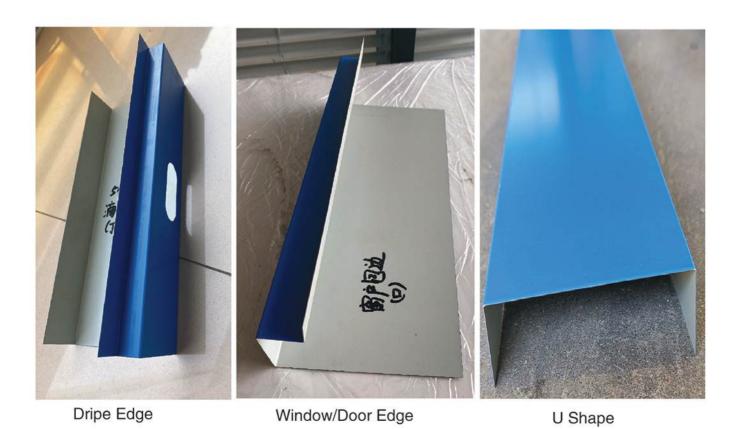
[Sandwich Panel Accessories]



[Sandwich Panel Accessories]



Outside/Inside Roof Ridge



31



[Sandwich Panel Accessories]

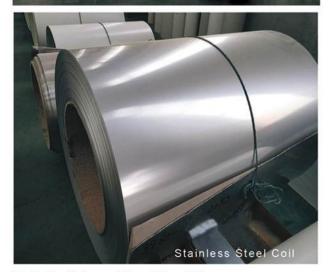




[Raw And Auxiliary Materials]







Steel plate thickness: 0.5mm 0.6mm 0.8mm

Width: 1000-1200mm

Uses: used as the outer protection of the purification board, Mostly used in humid, high temperature, low temperature and corrosive environments



Steel plate thickness:0.5mm 0.6mm 0.8mm

Width:1000mm

Steel plate layer: galvanized

Uses: used for the production of essence board keel and edge sealing



Color-coated steel plate manufacturers: Baosteel, Yehui, Guanzhou,

 $\label{thm:local_problem} \mbox{Huafeng, Maanshan Iron and Steel, BlueScope, etc.}$

Steel plate thickness: 0.4mm-0.6mm

Width: 1000-1200mm

Color: white greySteel plate

coating: PE, PVDF (fluorocarbon ≥ 1000) HDP (high durability,

Salt spray test ≥ 1000)



[Raw And Auxiliary Materials]





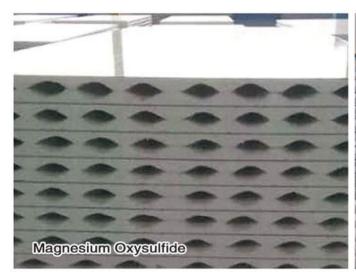








[Raw And Auxiliary Materials]



























[Project Case-Large Industrial Plant]









[Project Case-Large Industrial Plant]











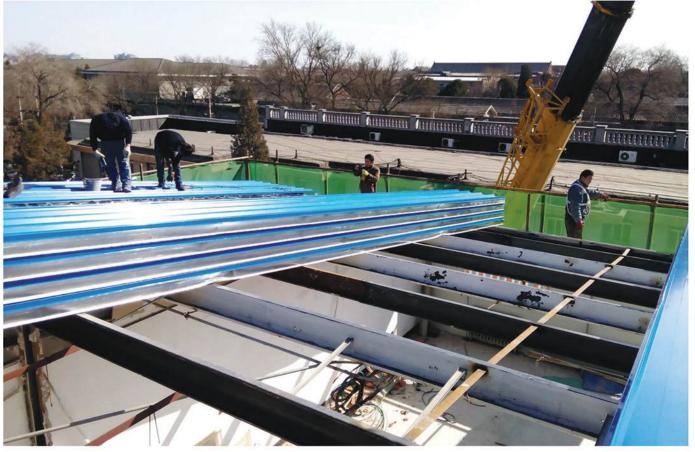




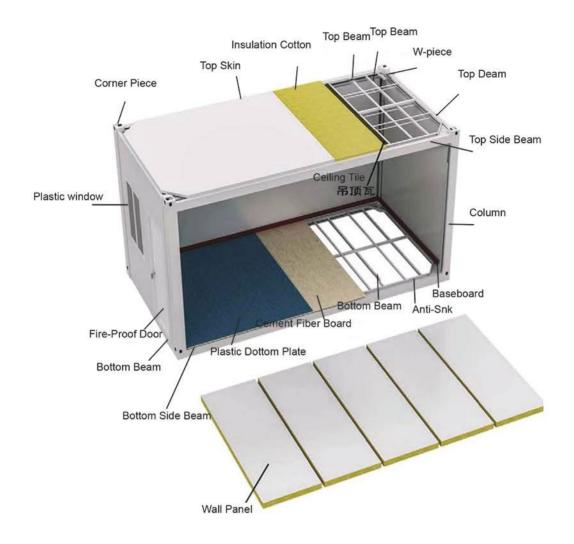








[Project Case Temporary Housing]







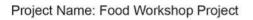
[Project Case Temporary Housing]







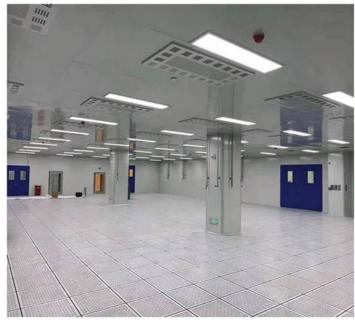




Project Location: Qingdao, Shandong

Area: 16000 m²







Project Name: Electronic Intelligent Accelerator Production Workshop

Project Location: Qingdao, Shandong

Area: 28000 m²





Project name: Medical mask production workshop

Project Location: Weifang, Shandong

Area: 4500 m²





Project name: Medical mask production workshop

Project Location: Weifang, Shandong

Area: 4500 m²





Project Title: CDC Cell Testing Laboratory

Project Location: Jinan, Shandong

Area: 650 m²



Project Name: Medical Reagent Production Workshop

Project Location: Weifang, Shandong

Area: 12000 m²



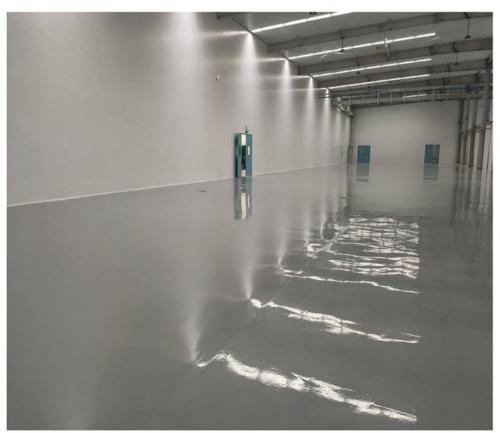
Project Name: Pharmaceutical Coating

Processing Workshop

Project Location: Zibo, Shandong

Area: 11000 m²





Project name: Expansion of purified

water production workshop

Project Location: Bozhou,

Anhui Area: 12000 m²

New Material New Technology New Future

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