



Super



SUPER STEEL



SUPER STEEL

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Company Tenet

SUPER STEEL dedicate into steel building materials, SUPER STEEL is not only doing supply, but also provide best overseas services with tenacity.

About SUPER

SUPER Company is established for professional international trade, mainly deal with steel building products, like steel roofing, sandwich panel, steel purlin, steel decking, etc.

Our factory is just 45mins far from airport, with 30years manufacturer experiences, we have our own technical dept, quality control dept, and production dept, aim to provide customer quality goods on time.

SUPER empolyees are well educated and major in international trade, average 8 years working experiences, makes us more efficient when dealing with clients.

SUPER glad to be your best partner and SUPER welcome all friends all over the world.



Corrugated Steel Sheet

It is manufactured by cold roll forming machine, widely used for roofing, wall, and ceiling. Material is usually galvanized, galvalume or color coated steel sheet, thickness range from 0.12mm to 0.8mm, we purchase different level of raw material according to different requirements from clients.



Popular Type

YC-III型 (YX29-410-820板型图)

板厚(mm)	0.6	0.8	1.0
有效截面特征			
let cm ² /m	37.53	49.77	62.14
wet cm ³ /m	12.41	16.52	20.59

压型钢板型号

有效覆盖宽度 (mm)	展开宽度 (mm)	板厚	截面惯性矩 (cm ⁴ /m)	截面抵抗矩 (cm ³ /m)
HV-3365	1010	1200	0.6 2.78 0.8 3.6	5.45 7.23

压型钢板型号

有效覆盖宽度 (mm)	展开宽度 (mm)	板厚	截面惯性矩 (cm ⁴ /m)	截面抵抗矩 (cm ³ /m)
HV-110	880	1000	0.4 2.7 0.6 3.90 0.8 4.8	4.6 5.7 7.2

YC-II型 (YX51-460展开宽度600mm)

板厚(mm)	0.6	0.7	0.8	1.0	1.2
有效截面特征					
let cm ² /m	37.19	43.50	49.81	62.22	74.76
wet cm ³ /m	12.45	14.51	16.69	20.88	25.01

YX25-205-820(展开宽度1000mm) YX25-205-1025(展开宽度1200mm)

板厚(mm)	0.5	0.6	0.7	0.8	1.0
有效截面特征					
let cm ² /m	9.18	10.76	12.67	14.59	18.24
wet cm ³ /m	4.88	5.62	6.54	7.47	9.3

YX18-63.5-825型(展开宽度1000mm)

板厚(mm)	0.5	0.6	0.7	0.8	1.0
有效截面特征					
let cm ² /m	6.98	8.37	9.76	11.16	13.95
wet cm ³ /m	3.71	4.45	5.19	5.93	7.41

YX51-380-760板型图

板厚(mm)	0.4	0.5	0.6	0.7	0.8	1.0
有效截面特征						
let cm ² /m	28.93	36.16	43.4	50.63	57.86	72.33
wet cm ³ /m	12.19	15.12	18.21	21.20	24.18	30.10

YX35-125-750(展开宽度1000mm) YX35-125-875(展开宽度1200mm)

板厚(mm)	0.5	0.6	0.7	0.8	1.0
有效截面特征					
let cm ² /m	11.54	13.85	16.15	18.83	23.54
wet cm ³ /m	6.23	7.48	8.75	10	12.44

YX25-205-840(展开宽度1000mm)

板厚(mm)	0.5	0.6	0.7	0.8	1.0
有效截面特征					
let cm ² /m	7.98	9.58	11.17	12.77	15.97
wet cm ³ /m	4.02	4.82	5.59	6.39	7.95

高华YX51-475型
展开宽度(Coil width): 600mm
搭接示意图(Installation type):
1. 安装支架及搭接(Fix supporter and connect) 2. 咬合(Bite-Hook)

板厚(mm)	截面惯性矩 (cm ⁴ /m)	截面抵抗矩 (cm ³ /m)	主要用途
0.6	14.31	12.45	隐鼓式墙面板 (Joint-hidden Wall Panel)
0.8	18.62	16.72	

压型钢板型号

有效覆盖宽度 (mm)	展开宽度 (mm)	板厚	截面惯性矩 (cm ⁴ /m)	截面抵抗矩 (cm ³ /m)
HV-173	1038 (865)	1200 (1000)	0.6 2.78 0.8 3.6	5.45 7.23

压型钢板型号

有效覆盖宽度 (mm)	展开宽度 (mm)	板厚	截面惯性矩 (cm ⁴ /m)	截面抵抗矩 (cm ³ /m)
HV-225A	900	1000	0.6 2.23 0.8 3.42	4.52 6.78

黎明YX51-480-960板型图 (展开宽度1250mm)

板厚(mm)	0.4	0.5	0.6	0.8	1.0
有效截面特征					
let cm ² /m	28.93	36.16	43.4	57.86	72.33
wet cm ³ /m	12.19	15.12	18.21	24.18	30.1

压型钢板型号

有效覆盖宽度 (mm)	展开宽度 (mm)	板厚	截面惯性矩 (cm ⁴ /m)	截面抵抗矩 (cm ³ /m)
HV-245	980	1200	0.4 7.8 0.6 10.40 0.8 13.82	3.6 5.69 7.25

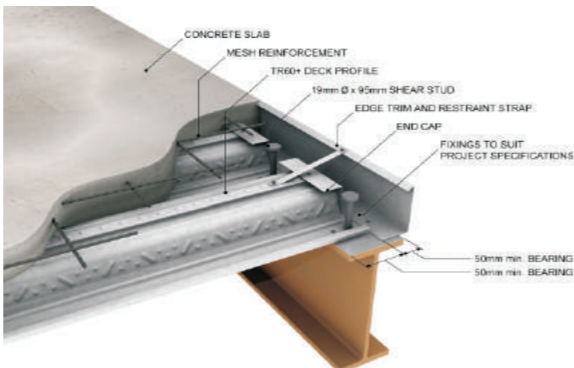
暗扣式墙面板 MSB50-373-360

有效宽度	展开宽度	高度
360	600	50

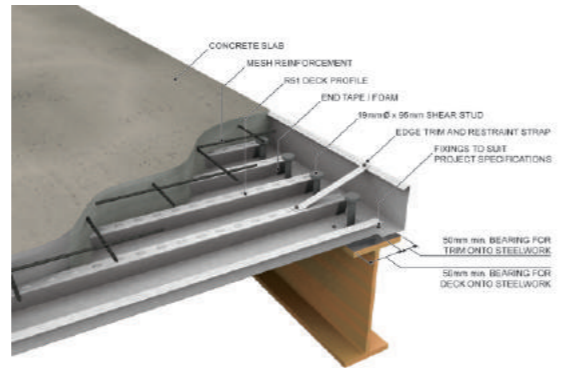
Floor Decking Sheet

Its key product matching the constructions of steel structure, SUPER has various type sheets which are all widely used, the material is usually galvanized sheet, thickness range from 0.7mm to 1.6mm

- ▶ Light in weight but high intensity
- ▶ Huge loading capacity and anti-earthquake capability
- ▶ Easy to install, reduce project cost



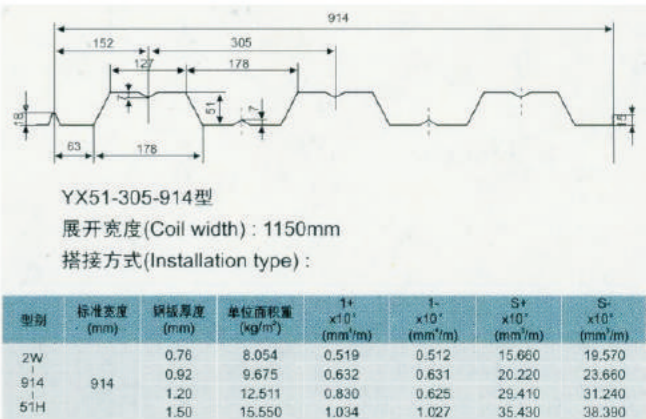
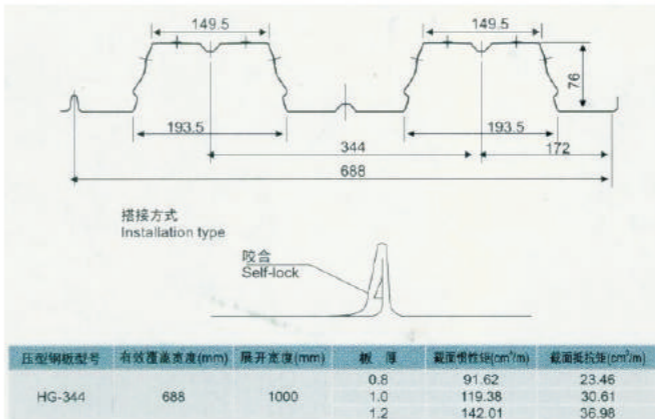
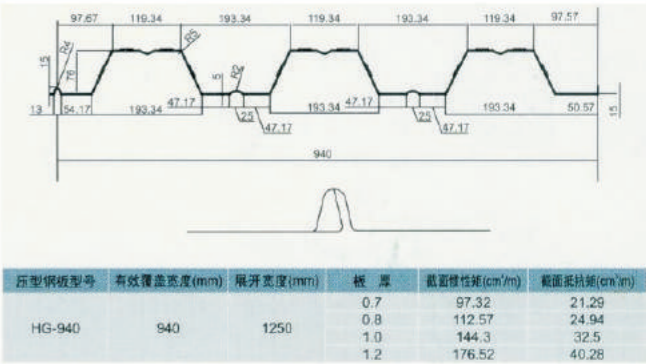
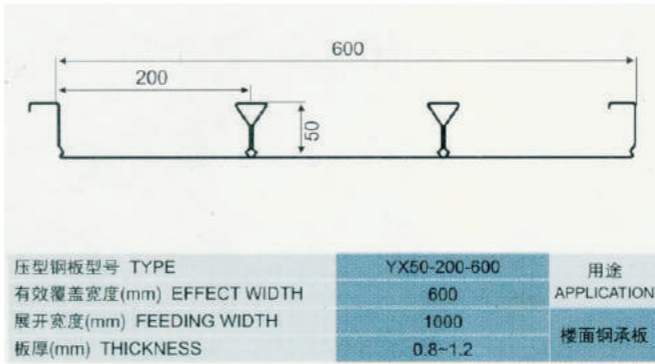
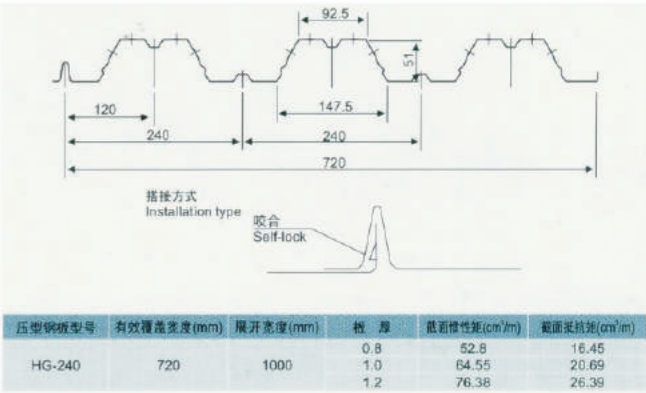
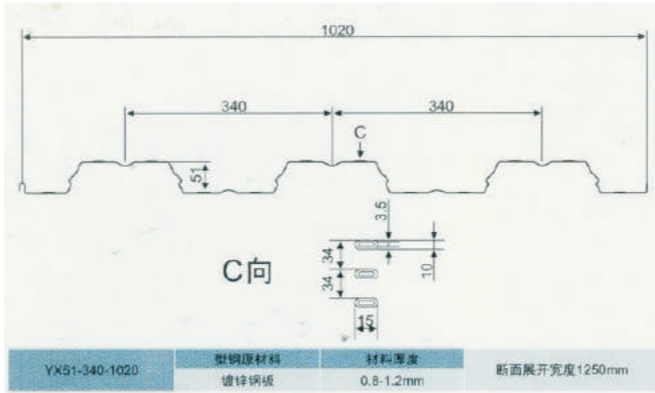
In order to prevent the slippage between the floor deck and the reinforced concrete, studs are needed in both ends of floor deck, the studs should be placed on the end base of deck sheet and go through the concave part of the board to be eventually welded together with the edge of the steel girder.



Reinforcing steel bars are needed for the composit slabs under any of the following circumstances

1. To provide additional tensile steel bard for the reserve of loading capacity to the composite slabs.
2. Continuous steel bars provided for the continuous composite
3. Steel bars laid in the area of centralized load/surrounding holes
4. Tensile steel bars provided for the improvement of fire-resistant.

Popular Type

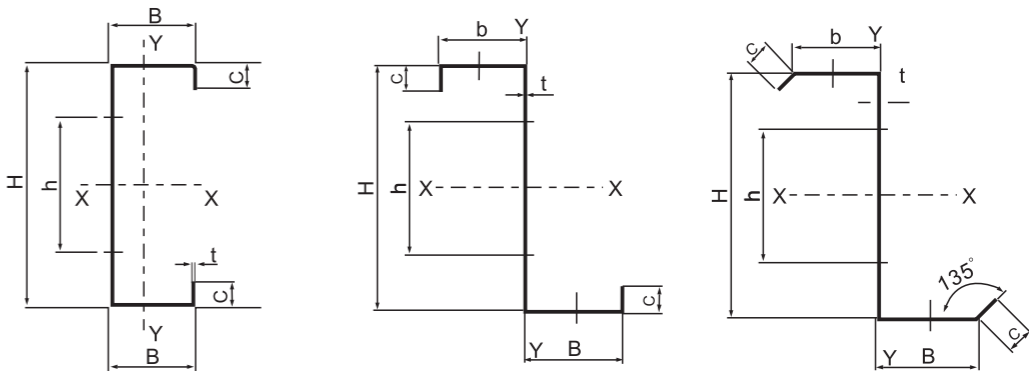


Steel Purlin

Light-gauge cold-formed steel roof purlins replace heavier hot-rolled steel angle and channel sections. A purlin is a secondary structural member that spans between the primary/main steel frame to support the roof cladding. The purlin transfers load from the roof cladding to the primary steel rafters. Similarly, a side rail is a secondary structural member that spans between the primary/main steel frame to support the wall cladding and transfer load from the wall cladding to the primary steel columns. Both purlins and side rails are used to provide restraint to the primary steel frame members. Light gauge cold-formed steel roof purlins are used on a wide range of building types including retail and leisure, industrial, warehouses and distribution, healthcare and education.



Popular Type



C 型 檩 条 断 面 尺 寸							
型号	断面尺寸(mm)					hole distance (mm)h	备注
	H	B	B	C	t		
C80	80	40	40	15	2.0-3.0	no drilling	For special size, can be customized
C100	100	50	50	20	2.0-3.0	40	
C120	120	50	50	20	2.0-3.0	customized hole	
C140	140	50	50	20	2.0-3.0	customized hole	
C150	150	60	60	20	2.0-3.0	customized hole	
C160	160	60	60	20	2.0-3.0	customized hole	
C180	180	60	60	20	2.0-3.0	customized hole	
C200	200	60	60	20	2.0-3.0	customized hole	
C250	250	70	70	20	2.0-3.0	customized hole	

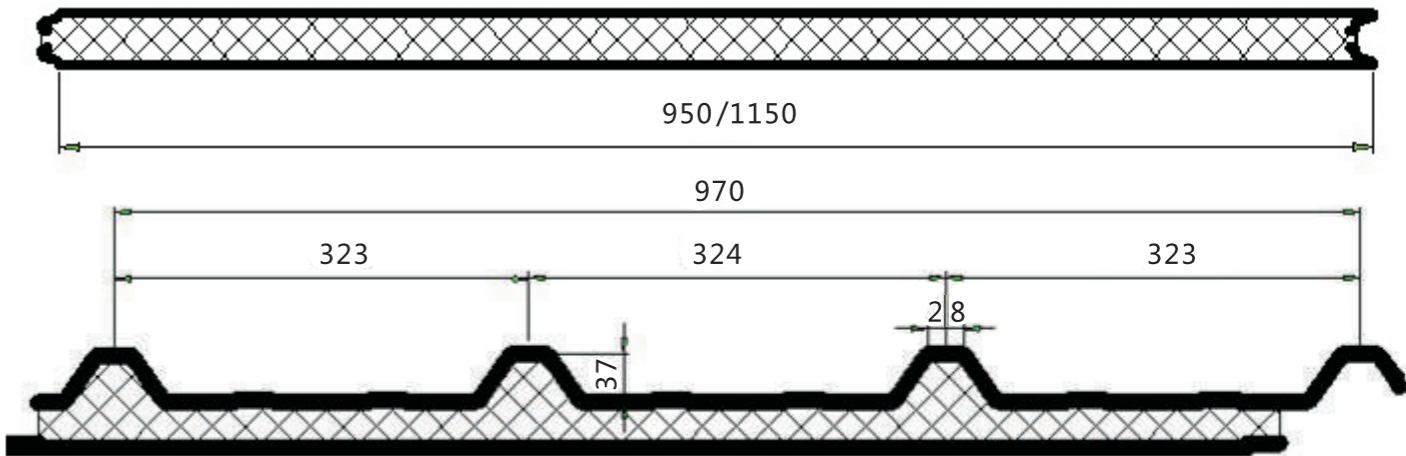
Z 型 檩 条 断 面 尺 寸							
型号	断面尺寸(mm)					hole distance (mm)h	备注
	H	B	b	C	t		
Z100	100	55	50	20	2.0-3.0	no drilling	For special size, can be customized
Z120	120	55	50	20	2.0-3.0	40	
Z140	140	55	50	20	2.0-3.0	customized hole	
Z150	150	67	61	18	2.0-3.0	customized hole	
Z160	160	67	61	20	2.0-3.0	customized hole	
Z180	180	67	61	20	2.0-3.0	customized hole	
Z200	200	67	61	20	2.0-3.0	customized hole	
Z250	250	78	72	20	2.0-3.0	customized hole	
Z280	280	78	72	20	2.0-3.0	customized hole	
Z300	300	78	72	20	2.5-3.0	customized hole	

EPS Sandwich Panel

Light in weight+water proof+sound insulation+low cost
widely used in steel structure warehouse, factories, exhibition hall, container houses, etc.



Popular Type

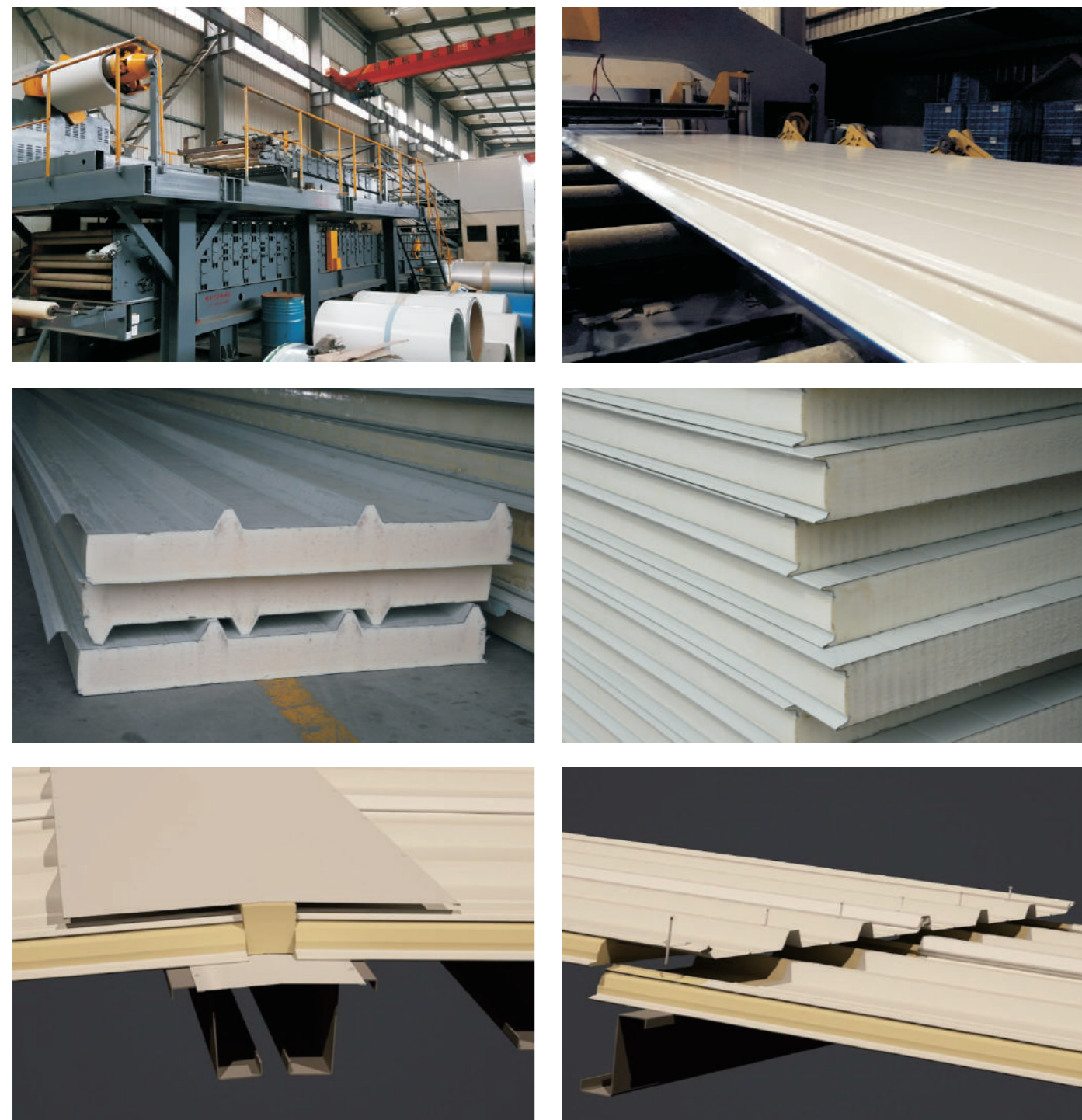


Pate Thickness (mm)	Hiat Transfer coefficient K/m²hic	Alerage Souna insulation Factou r(db)	Pate Weght Kg/m	LOADP=KN/m²				
				p=0.5	1.0	1.5	2.0	2.5
50	0.57	20.0	11.72	L=3.5	2.6	1.8	1.3	1.1
75	0.38	21.5	12.12	L=4.2	3.2	2.6	2.0	1.7
100	0.28	23.0	12.53	L=4.8	3.6	2.8	2.5	2.3
150	0.19	24.5	13.33	L=6.0	4.5	3.6	3.0	2.8
200	0.14	25.5	14.13	L=7.0	5.3	4.2	3.5	3.0

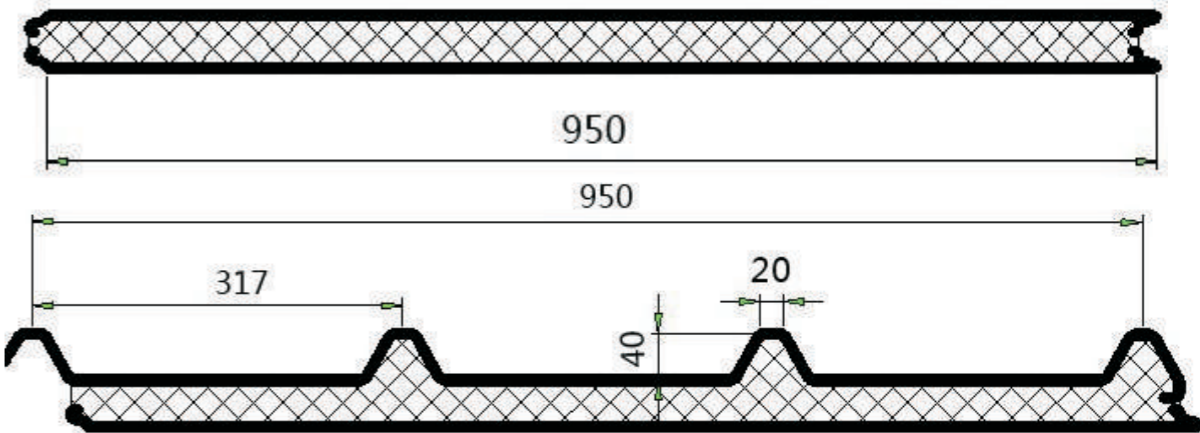
Core material	Insulation	EPS(polystyrene)
	Density	7-25kg/m3
Effective Width	Wall Panel	950mm, 1150mm
	Roof Panel	970mm
Rate	Fireproof rate	B1/B2
Specification	Length	Customized
	Panel thickness	30mm,40mm,50mm,60mm,75mm,100mm etc.
	Steel color	RAL Standard

PU Sandwich Panel

Is made of durable steel sheets and insulating PU foam core, by the process of high temperature solidification and double belt control, it can perform good anticorrosion, anti rust and anti-weathering. And core materials use polyurethane hard foam which is the best thermal insulating agent currently known.



Popular Type

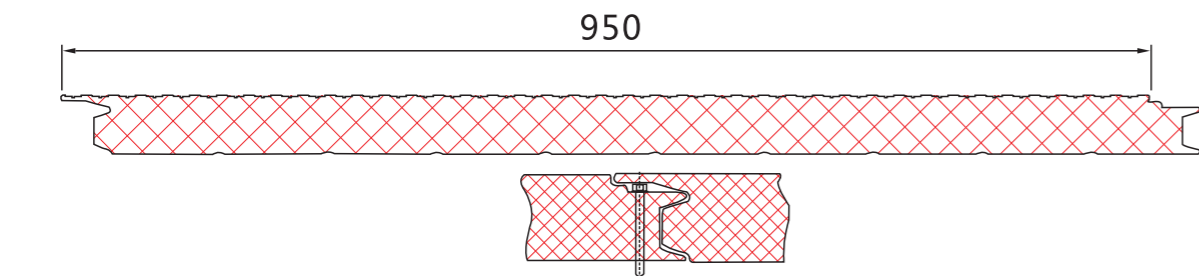


Core material	Insulation	PU (injection)
	Average density	40kg±5kg/m3
	Closed cell rate	95%
	Water absorption	≤4g/100cm2
	Thermal conductivity	0.023w/m.k
Panel Strength	Compressive Strength	200Kpa
	Bending strength	2300kN
Rate	Fireproof rate	B1/B2
Specification	Length	Customized
	Effective width	950mm
	Panel thickness	30mm,40mm,50mm,60mm,75mm,100mm etc

检测项目 (Test Item)	单位 (Unit)	实测值 (Measured value)	标准值 (Standard value)	检验标准 (Test Standard)
密度/常温 (Density/Normal temp)	Kg/m³	≥42.9	≥30	ASTM,D1622,GB6343, GB/T6343-95 JC/T868-2000
导热系数 (Thermal conductivity)	W/M·K	≤0.020	≤0.027W/m·K	ASTM,C518, GB10294,
透湿系数 (Vapor transmission)	Ng/Pa·m·s	≤3.34		GB10294-88 GB/T17146
戏水率 (water absorption)	g/100 cm²	≤0.5	≤4	GB/Z228,GB8810-88
闭孔率 (Closed cell rate)	%	≥97	≥90	GB10799
抗压强度 (Compressive Strength)	KPa	≥220	≥150	GB8813
抗弯承载力 (Bending strengths)	kN	≥2450	≥1750	GB/T8812
连续使用温度 (Continuous temp)	°C	-190-150		
燃烧等级 (Fireproof rate)		B1		GB 8624
最大火焰蔓延率 (Maximum flame spread rate)		≥15	≥25	ASTM E84
垂直燃烧法 (Vertical burning)	平均燃烧时间	≤7.96	≤30	GB 8333
	平均燃烧高度 (mm)	≤15	≤250	
尺寸稳定性 (Dimension stability)		≤1%	△ V ≤4%	ASTM/国际

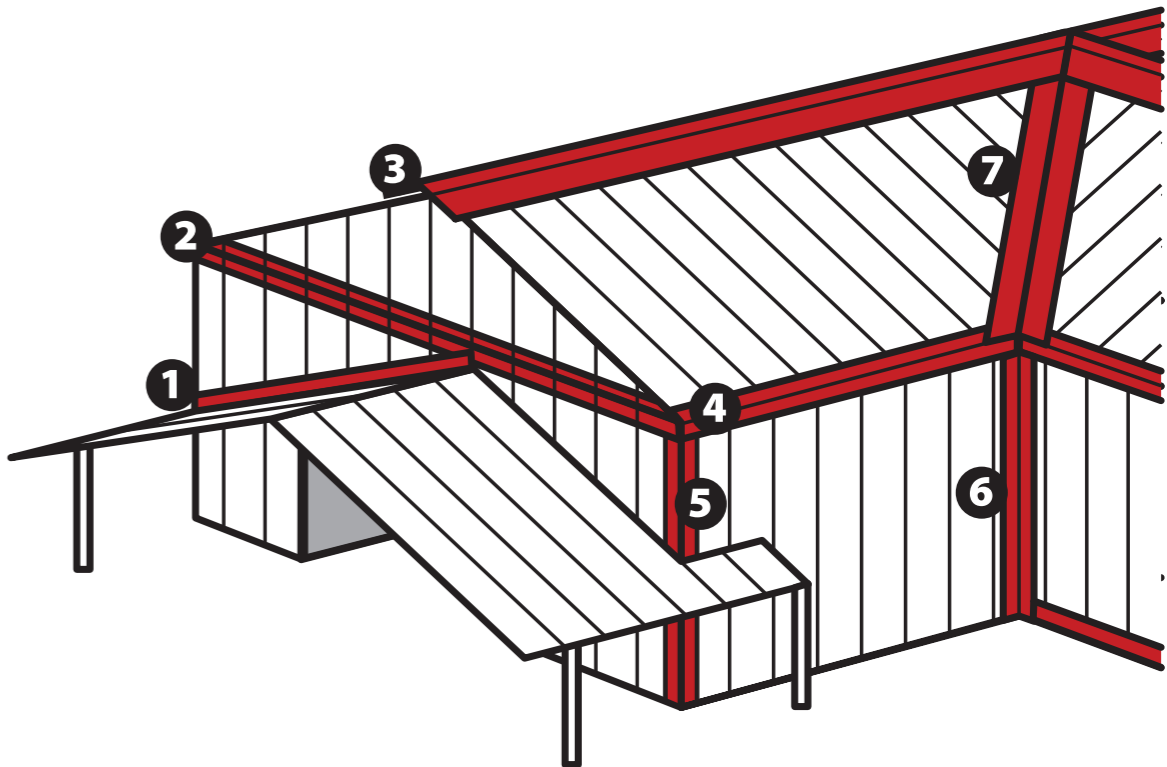
Exterior wall panel

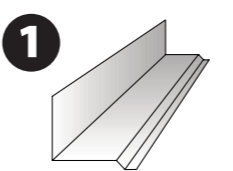
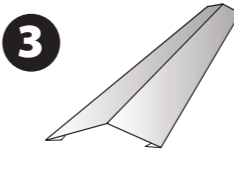
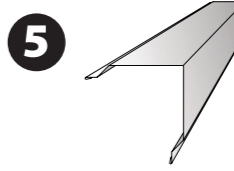
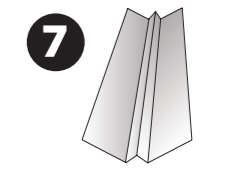
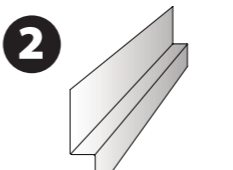
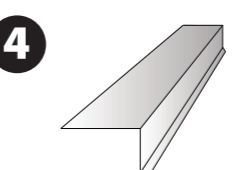
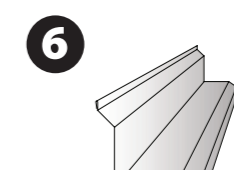
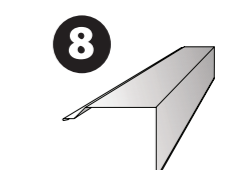
950mm effective width, core material can be polyurethane, and rock wool with pu left and right side, installation is horizontal.



Flashing & Trim

SUPER also supply accessories for trims and flashings, such as ridge cap, corner sheet, etc. it is produced by folding machine, the shape and size is customized for different project.



- | | | | |
|--|---|--|--|
| 
1
Side Wall Flashing | 
3
Hip/Ridge Cap | 
5
Outside Corner | 
7
Preformed Valley |
| 
2
Double Angle | 
4
Eave Flashing | 
6
Inside Corner | 
8
Gable Rake |

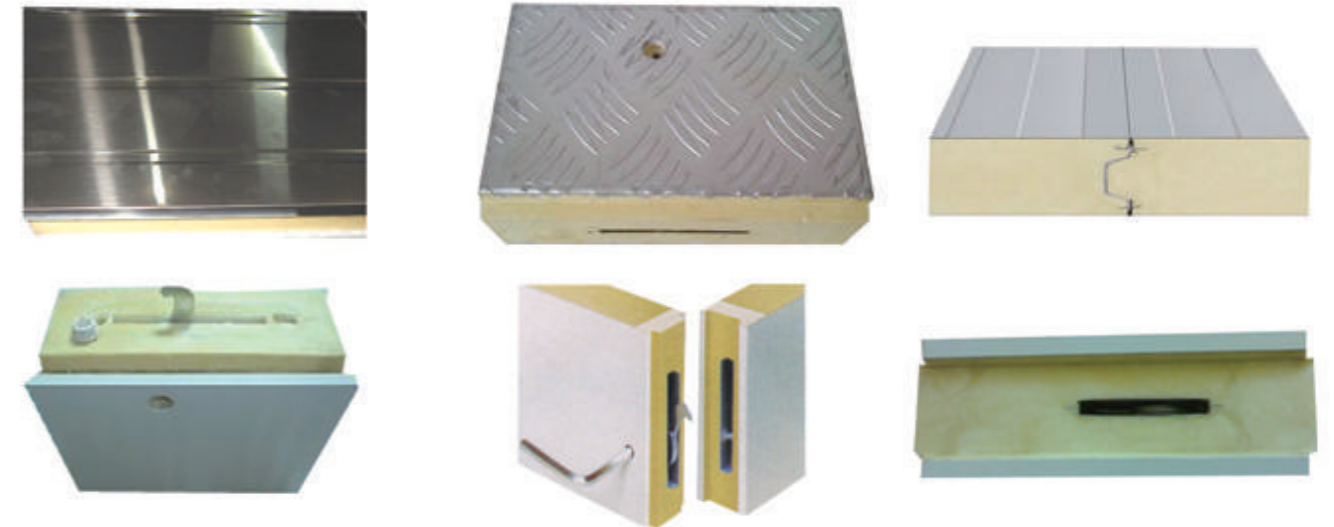
Cold Room

We produce professional pu cold room sandwich panel, 960mm effective width as standard with camlock installation, super cold room is engineered with flexibility to meet your needs across a wide variety of applications including: convenience stores, restaurants, blast freezing industrial, etc.



Camlock System

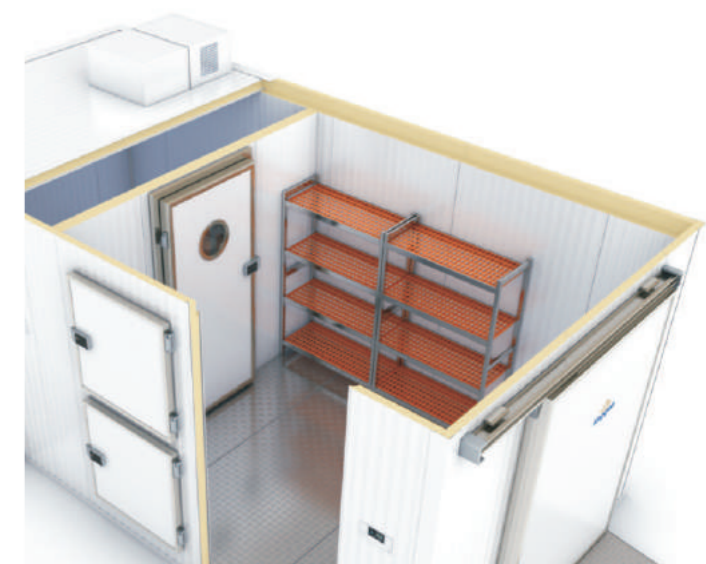
Camlock system together with tongue and groove construction and dual gasket system, provides an accurate, tight fit between panels. Locks require only a factory-supplied 5/16 inch hex wrench to operate.



For whole cold room, we also supply doors, refrigeration unit and other all accessories as a turn-key project, we will provide the instructions so clients can install the whole cold room directly at site.

Accessories as below:

- Pressure relieve vent
- Silica gel seal
- Floor (forklift machine in or out)
- Air curtain machine
- Suspended ceiling board
- Compressor unit' s holder
- Refrigerant(R22, R404, R502)
- Refrigerant oil
- Danfoss expansion valve and stop valve
- Copper pipe
- Valves
- Air conditioning thermal insulation pipe
- Evaporator' s hanger parts
- PVC water pipe(heating wire for freezer)
- Electric power distribution cabinet
- Moisture proof cold room lights
- Condensing unit use electric wire
- Lighting use electric wire
- Lighting switch



Cold Room Door



半埋门
Semi-insulating door



中型平移门
Manual sliding door



双开全埋门
Fully insulated double-wing door

Compressor Condensing Unit



全封闭冷凝机组
Hermetic Condensing Unit



Air Cooled Condensing Unit



单风口冷风机
Air cooler with single air vent

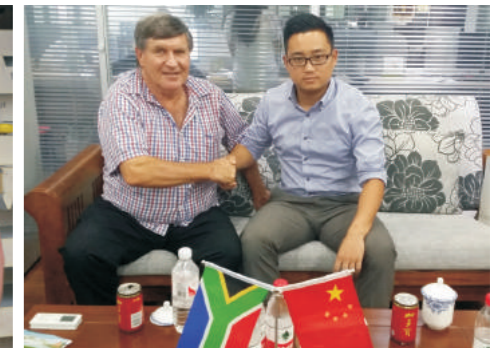
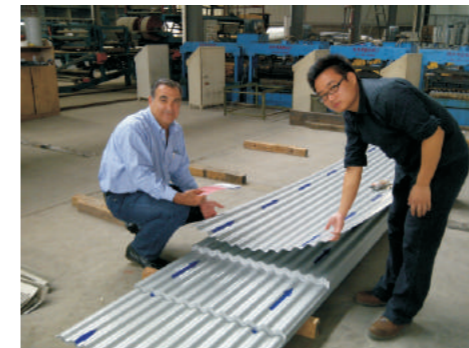


双风口冷风机
Air cooler with double air vents



水冲霜冷风机
Water defrost air cooler

Clients All Over The World



1	2	3
4	5	6
7		

1. customer from Tanzania in 2012
2. customer from New Zealand in 2013
3. customer from Uruguay in 2014
4. customer from Dubai in 2014
5. customer from Australia in 2015
6. customer from South Africa in 2015
7. customer from France in 2016

SUPER company welcome all friends all over the world!