



DOMI 金属面夹芯板将金属面洁净材料复合、成型、制造,彻底打通了钢结构围护系统,洁净室结构系统,环保再生系统,我们为客户提供"一站式"的金属面材料供应服务,公司致力于成为客户节能降本领域的最佳合伙伙伴。

DOMI metal surface sandwich panel will be metal surface clean material compounding, forming, manufacturing, completely open up the steel structure enclosure system, clean room structure system, environmental protection regeneration system, we provide customers with "one-stop" metal surface material supply services, we are committed to becoming the best partner in the field of energy saving and cost reduction for customers.

## **QUALITY INSPECTION**

### 质量检测



### 拼板测试

### **Combination Inspection**

专业成就卓越,二十余载对品质不新地追求,从细节出发,体贴客户不同的需求;站在专业的角度,完成自我的优化,对品质的坚持,是对客户至死不渝的承诺。

Outstanding professional achievement, more than twenty years of constant pursuit of quality, starting from the details, considerate customer demand standing professional point of view, the completion of self-optimization, insistence on quality is to remain Fssteel to customer commitment.



### 承重量测试

### Weight Bearing Test

安全是根本,公司生产的一块玻镁板(≤2800mm),都经得起三人以上的站立不变形,确保每个板有足够的强度,为每个项目保驾护航。

Safety is fundamental. The glass magnesium board ( $\leq$  2800mm) produced by the company can withstand standing with three or more people without deformation, ensuring that each board has sufficient strength to safeguard every project.



### 粘胶性能测试

### Viscose Performance Test

公司与供应商共同开发和验证的的粘合剂,能确保所生产的夹芯板再全天候使用,在特地的条件下也能体现高强度、高耐候性。每个剥离面的粘结面积≥95%。

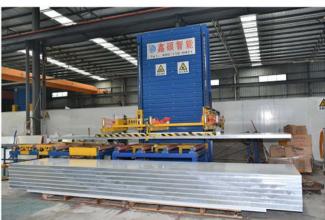
The adhesive jointly developed and validated by the company and suppliers ensures that the produced sandwich panels can be used 24/7 and exhibit high strength and weather resistance under specific conditions. The bonding area of each peeling surface is  $\geq$  95%.



## **PROCESSING SITE**

### 加工现场













# 

### STEEL STRUCTURE WALL

### 钢结构墙面

- 03 聚氨酯封边岩棉外墙板 Polyurethane Edge Sealing Rock Wool Exterior Wall Panel
- **04** 竖铺式岩棉外墙板 Vertical Exterior Wall Panel
- 05 小波浪纹岩棉外墙板 Small Wave Exterior Wall Panel
- **06** 大波浪纹岩棉外墙板 Large Wave Exterior Wall Panel
- **07** PIR/PUR内墙保温板 PIR/PUR interior wall insulation board
- **08** PUR内墙保温板 PUR interior wall insulation board
- **09** 750#780大坑瓦 750#780 large pit tile

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- 13 泡沫夹芯瓦 Foam Core Tile
- 14 1050玻璃棉锡纸瓦 1050 Glass Wool Tin Foil Tile
- 15 1050岩棉夹芯瓦 1050 type Rockwool core tile
- 16 950岩棉夹芯瓦 950 type Rockwool core tile
- 17 760屋面系统 Roofing System
- 18 820屋面系统 Roofing System
- 19 478屋面系统 Roofing System
- 20 430铝镁锰屋面系统 Al-Mg-Mn Roofing System

### **CLEANROOM PARTITION**

### 洁净室隔断

- 31 T-gid天花盲板 T-gid ceiling blind panel
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- 34 聚苯乙烯/泡沫夹芯板 Polystyrene/foam sandwich panel
- 35 岩棉夹芯板 Rockwool panel
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- 50 安装节点图 Installation Node Diagram

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### 洁净门窗

- 43 铝框钢质单开门 Aluminum frame steel single door
- 44 铝框钢质双开门 Aluminum frame steel double door
- **45** 全钢质单开门 Single door of steel
- 46 全钢质双开门 Aluminum frame steel double door
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- 48 双层玻璃观察窗 Clean room windows of glass

### **DRYING CHANNEL INSULATION**

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- 51 窑炉板 Rock wool oven insulation panel
- 52 节点图 Node diagram

### **PUNCHING NOISE REDUCTION**

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### STAINLESS STEEL SERIES

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- **59** 不锈钢单瓦系列 Stainless steel series
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### **CLEAN ALUMINUM MATERIAL**

### 洁净铝材

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## CLASSIFICATION OF NOODLE MATERIALS 面材分类

# **STEEL STRUCTURE WALL**

钢结构墙面

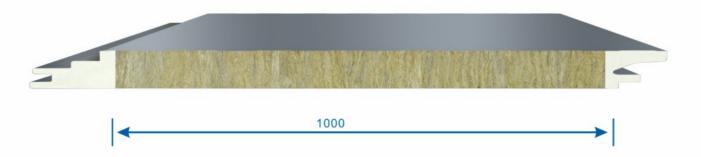
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Polyurethane Edge Sealing Rock Wool Exterior Wall Panel

### 聚氨酯封边岩棉外墙板



150 120 100 75 50 厚度(mm) 500 ◆ 1000 宽度(mm)

Level A 防火级别

夹芯特点: 聚氨酯接口封边,中间为岩棉芯材,有效把岩棉的不燃性、耐高温性和聚氨酯的隔热、坚固性更好地结合在一起。

尺寸规格: 厚度50mm-200mm, 宽度1000mm、长度可达24米甚至更长。

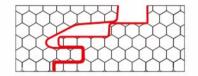
性能特点:吸音好、导热系数低、耐荷性好、抗弯强度高、不吸水、不腐烂、阻燃性高、耐温范围大、安装便捷。

Sandwich features: Polyurethane Joint Edge, in the middle for rock wool material, rock wool effectively non-flammable, high temperature resistance and polyurethane insulation, robustness better together.

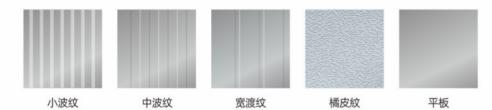
Size and specifications: 50mm200mm thick, 1000mm wide, 24m or more in length.

Performance features: Sound absorption, low thermal conductivity, good load resistance, high bending strength, non-absorbent, non-corrosive, flame retardant, temperature range. Easy installation.

### 槽口特点 Slot feature



### 面板压筋形式 Panel reinforcement form

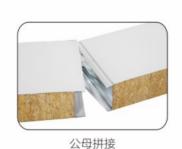


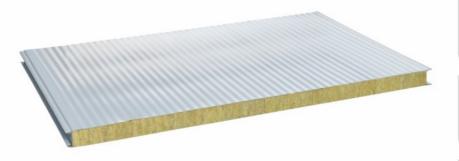
### 常用产品性能表 Performance table of common products

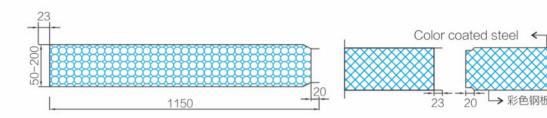
建议钢板厚度 Recommended thickness of steel plate	外钢板: 0.5-0.8mm 内钢板: 0.46mm
钢板涂层 Coating	外钢板: PVDF/HDP/SMP/PE 内钢板: SMP/PE
阳燃等级 Flame retardant grade	A级Level A
芯材容重 Density of core	100-180kg/m³
导热系数 Thermal conductivity	≤0.042W(M.K)
降噪性能 Noise reduction performance	平均隔音量≥37db(50mm) Average sound insulation>37db(50mm)
材质稳定性 Material stability	具有有机材料不可比拟的化学稳定性 The chemica stability is incomparable compared with organic material
建议常备颜色 Standing color	纯白、白灰、蓝色等,可根据客户需求定制钢板颜色。 Pure White, White Gray, blue, according to customer demand choice steel plate color

Vertical Exterior Wall Panel

### 坚铺式岩棉外墙板







### 产品规格

常规厚度: Conventional thickness

产品类别: 950型或1150型

现货颜色: 白灰, 铁灰, 象牙白, 果绿, 橘黄岩棉容重: 60K, 80K, 100K(预定) 120K(预定)

### Specification

Regular thickness: 50mm, 75mm, 100mm, 125mm, 150mm, 200mm Product category: 950 or 1150

Spot colors: white gray, high gloss white, ivory white, fruit green, very gray, orange yellow.

Rock Wool density: 60K, 80K, 100K (reserved) 120K (reserved)

#### 产品特性

表面压纹,A级防火材料,防火时间超过60分钟,可耐900℃以上高温,高密度,高强度,隔音效果复合ISO717/82&UNI18270/7标准。 结构优点:公母口拼接,打明钉,竖铺式安装。

### Product features

Surface embossing, A-grade fireproof material, with a fire resistance time of over 60 minutes, able to withstand high temperatures above 900 °C, high density, high strength, and sound insulation effect in accordance with ISO717/82&UNI18270/7 standards.

Structural advantages: male and female joint splicing, exposed nails, and vertical installation.

### 产品参数

有效宽度为0.95或1.15米,长度按客户要求定做;常规厚度50mm钢板0.426mm容重80k:产品每平米重量为9公斤,均布承重力为60公斤/平方。

### Product parameters

The effective width is 0.95 or 1.15 meters, and the length is customized according to customer requirements; The standard thickness of 50mm steel plate is 0.426mm, with a unit weight of 80k. The weight of the product per square meter is 9 kilograms, and the uniformly distributed load-bearing capacity is 60 kilograms per square meter.

#### 产品应用

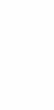
广泛适用于组合房、楼顶加层、室内间隔、钢结构外墙等工程。

#### Applications

Widely applicable to composite buildings, rooftop adding floors, indoor partitions, steel structure exterior walls, and other engineering projects.

### 小波浪纹岩棉外墙板







### 产品规格

常规厚度: 50mm,75mm,100mm,150mm。

产品类别: 950型。

现货颜色: 白灰, 象牙白, 天蓝, 海蓝, 荷叶绿, 银灰、石墨灰。

950

### Specification

Regular thickness: 50mm, 75mm, 100mm, 150mm.

Regular type: 950 type.

Spot color: white ash, ivory white, sky blue, sea blue, lotus leaf green, silver ash, graphite ash.

### 产品特性

防火,强度,美观更佳。

结构优点: 公母口拼接, 打明钉, 竖铺式安装。

### Product features

Fire protection, better strength, beautiful.

Installation structure: male and female joint, Visible nail, vertically

installation.

### 产品参数

有限宽度为0.95米,长度按客户要求定做。

### Product parameters

The effective width is 950mm, and the length is customized according to customer's requirements.

### 产品应用

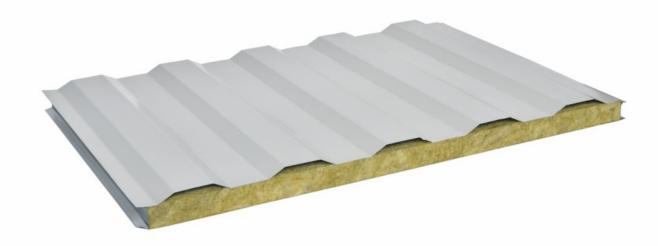
特别适用于防火要求高及隔热要求好的大跨度组合钢结构及网架等工程墙面部分。

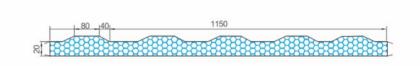
### Applications

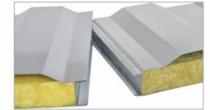
It is especially suitable for large-span composite steel structures and grid structures with high requirements of fire protection and heat insulation.

Large Wave Exterior Wall Panel

### 大波浪纹岩棉外墙板







大波浪拼接图

### 产品规格

常规厚度: 50mm, 75mm,100mm。

有效宽度: 1150mm。

常规长度: 常规侧板2750mm, 顶板2900mm。

#### Specification

Regular thickness: 50mm, 75mm, 100mm

Effective width: 1150mm

Regular lenth: wall 2750mm, roof 2900mm

### 产品特性

可用芯材: 泡沫, 玻璃棉, 岩棉, 酚醛。

安装结构: 企口型拼接。

#### Product features

Core material available: Foam, polyurethane, rock wool.

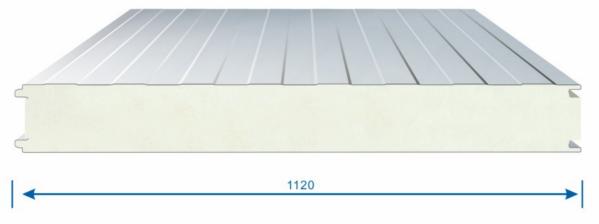
Phenolic in stellation structure: male and female joint.

#### 产品应用

集装箱房专用板,表面镀锌,内不彩涂,客户根据需求喷涂颜色。

### Applications

Special panel for container house, with gavanized surface and colorless interior. Customers can spray coor according to their needs.



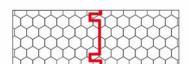


PIR B1 防火级别

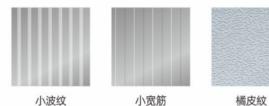
PIR冷库板采用国际最先进的第四代全自动聚氨酯夹芯板连塑续生产线和意大利OMS发泡设备,高压 高温自动连续发泡,个发泡过程均匀,相对于PUR冷库板,PIR导热系数更低,测各点密度基本一致, 闭孔率98%以上,保温效果更佳、防火性能更好。

Polvurethane PiR cold storage panels adopts the world's most advanced fourth generation automatic polyurethane sandwich board continuous production line and Italian OMS foaming equipment. High pressure and hightemperature automatic continuous foaming is adopted. The whole foamincprocess is uniform.Compared with PUR cold storage board, PIR has lowerthermal conductivity, basically the same density at all points, more than 98%closed cell rate, better thermal insulation effect and better fire resistance.

### 槽口特点 Slot feature



面板压筋形式 Panel reinforcement form



#### 常用产品性能表 Performance table of common products

	项目 ltem	单位 Unit	技术要求 Tel. requirement
密度 Density		Kg/m²	45±2
导热系数 Heat conduc	tivity	W/m.k	<0.022
抗压强度 Compressive	strength	Кра	>160
燃烧性能 Combustion	performance	-	B1级
夹芯板芯层与面板粘结	强度 The bond strength between core polyurethane and surface steel	Мра	>0.1
剥离性能	粘结在面材上的芯材 The core material on the surface	-	应均匀分布 Uniform distribution
Peel performance	每个剥离面的粘结面积 The adhesive area of each stripping surface	-	>90%
	厚度 Thickness	mm	0.4~0.8
	涂层 Coating	-	HDP/SMP/PE
内钢板	厚度 Thickness	mm	0.4~0.6
Internal steel plate	涂层 Coating	-	HDP/SMP/PE

## PUR内墙保温板

PUR interior wall insulation board

PU(聚氨酯)英文名称: Polyurethane, 简称PU.中文名称聚氨酯, 全称 为: 聚氨基酸脂或异氰酸酯聚合物。聚氨酯是一种介于塑料盒橡胶之间 的弹性体, 其优异独特的综合性能是普通的塑料盒橡胶所不具备的。

PU (Polyurethane) English name: Polyurethane, abbreviated as PU. Chinese name: Polyurethane, full name: Polyamino acid ester or isocyanate polymer. Polyurethane is an elastic material that lies between plastic box rubber, and its excellent and unique comprehensive properties are not possessed by ordinary plastic box rubber.



### 产品规格

厚度: 50mm、75mm、100mm

有效宽度: 1150型

常规长度:按用户需求运输条件定尺寸生产,企口型拼接

### Specification

Thickness: 50mm, 75mm, 100mm Effective width: 1150 type

Conventional length: produced according to the transportation conditions required by the user, with tongue and groove splicing

### 产品特性

重量轻: 10-14kg/m<sup>2</sup> 导热系数低, 保温隔热特别好 整体刚度好,承载力高,防腐,不吸水

#### Product features

Lightweight: 10-14kg/m<sup>2</sup>

Low thermal conductivity, excellent insulation and heat preservation Good overall stiffness, high bearing capacity, anti-corrosion, non

absorbent

#### 产品应用

特别适用于大型冷冻库的隔断,食品厂的材料仓等对保温要求高的 建筑领域。

### **Applications**

Especially suitable for partitions in large freezers, material warehouses in food factories, and other construction fields that require high insulation.

### 750#780大坑瓦

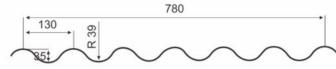
750 # 780 large pit tile

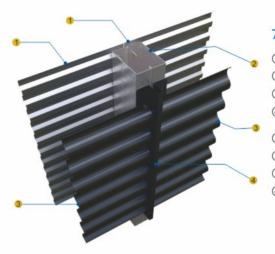


波纹板具有流畅的波纹状外观、能满足各类传统和现代的建筑设计风 格。板型长而宽、轻质、高强并且经济实用。安装快捷简便,是价值出 众的屋面和墙面维护系统。

- 富有灵感的波纹设计充分满足各类传统或现代的建筑创意;
- 板型长而宽;
- 可以自然成弧,最小曲率半径为12m;
- 外形美观,多种颜色选择;
- 安装快捷简便;
- 价值出众的屋面和情面维护系统。







### 780墙板节点

①900单层板 ②檩条

③780单层板 ④配件

- ① 825 singe pate
- 2 Purin
- 3 780 singe plate
- 4 Acoessories

- 流畅的波纹设计是目前最具现代的建筑风格
- 安装快捷简单
- 做横铺墙面,线条流畅,造型生动
- 等距的肋槽大大提高板的强度独特的公母肋设计杜绝了雨水的渗入
- 经济实用型
- Smoothcomugateddesign iscurenty the most modemachitechm
- Quick and easy instalation
- Do coss-shop wals,smooth ines,vwid
- Unque sometic strength rbgrooves greaty improve male
- andfemale rb patedesigned to prevent theinfitration of rairwater
- Economical and practical



# STEEL STRUCTURE ROOF

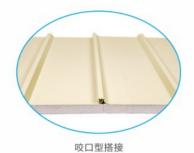
钢结构屋面

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- 20 430铝镁锰屋面系统 Al-Mg-Mn Roofing System



### 泡沫夹芯瓦











1050

### 产品规格

常规厚度: 50mm, 75mm, 100mm, 125mm, 150mm

有效宽度: 1050mm

常规长度:按用户需要、工程要求及运输生产可用芯材:泡沫、聚氨酯、挤型、酚醛 安装结构:口型拼接,加扣码图定

### 产品应用

广泛应用于大跨度组合钢结构及网架等工程。如: 体育馆、影剧院、大型厂房会议中心、礼堂等屋面部分。

#### Applications

Specification

Effective width: 1050mm

transportation condition

Widely used in big span combined stle structure and grid structure etc.E.g. Roof for gymnasium, cinema, large factory building, conference centre, auditorium elc.

Regular thickness: 50mm, 75mm, 100mm, 125mm, 150mm

Regular length: It depends an the project requirement and

Core material available: Eps, Xps, polyurethane, phenolic foam

Installation structure: Seanming over lapping and fixing with buckle

### 1050玻璃棉锡纸瓦

锡纸夹心瓦采用锡纸替代了底面的钢板,既减轻了重量又节省了成本, 具有成本低、安装快捷,便于运输的优点,是临建领域首选的屋面瓦。 Tin foil sandwich tiles use tin foil instead of steel plates on the bottom, which not only reduces weight but also saves costs. It has the advantages of low cost, fast installation, and easy transportation, and is the preferred roof tile in the field of temporary construction.





#### 产品规格

厚度: 30mm、50mm、75mm 有效宽度: 840mm或4050mm

常规长度:按用户需求运输条件定尺寸生产

### Specification

Thickness: 30mm, 50mm, 75mm Effective width: 840mm or 4050mm

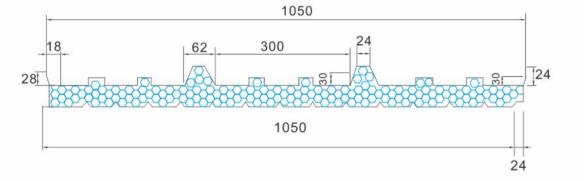
Conventional length: produced according to the size determined by

the transportation conditions required by the user

### 1050岩棉夹芯瓦







### 产品规格

常规厚度: 50mm, 75mm, 100mm, 125mm, 150mm

有效宽度: 1050mm

常规长度:按用户需要、工程要求及运输条件生产

可用芯材:岩棉、玻璃棉

安装结构:暗扣,180度锁边安装

### 产品应用

特别适用于防火要求高及隔热要求好的大跨度组合钢结构及网架等工程屋面部分。

### Applications

installation

Specification

Effective width: 1050mm

requirements, and transportation conditions

Available core materials: rock wool, glass wool

Especially suitable for large-span composite steel structures and grid structures with high fire resistance and good insulation requirements for roof parts.

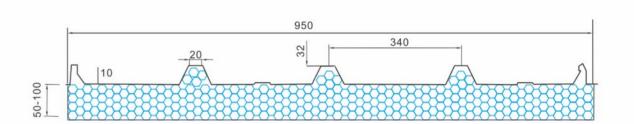
Conventional thickness: 50mm, 75mm, 100mm, 125mm, 150mm

Installation structure: concealed buckle, 180 degree lock edge

Conventional length: produced according to user needs, engineering

### 950岩棉夹芯瓦





### 产品规格

常规厚度: 50mm, 75mm, 100mm, 125mm, 150mm

有效宽度: 950mm

常规长度: 按用户需要、工程要求及运输条件生产可用芯材: 泡沫、岩棉、玻璃棉、聚氨酯、挤塑、酚醛

安装结构: 公母口拼接加盖帽防水安装

又农41号, 公马口川及加血帽的小又农

### Specification

Specification: Regular thickness:50mm, 75mm,100mm,

125mm,150mm

Effective width: 950mm

Regular length: It depends on the project requirement and

transportation condition.

Core material available: Eps, Xps, rock wool, glass wool,

polyurethane, phenolic foam.

Installation structure: Male and female joint plus covering water proof

erection.

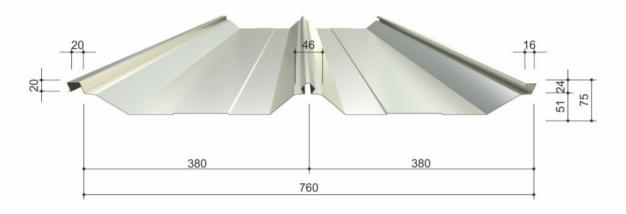
### 产品应用

特别适用于防火要求高及隔热要求好的大跨度组合钢结构及网架等工程屋面部分。

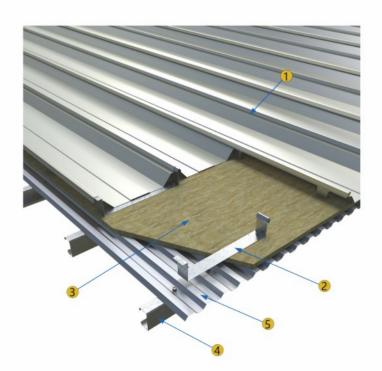
#### Applications

Widely used in the roof of big span combined steel structure and grid structure, which have the high requirement of fire proof and heat preservation.

### 760屋面系统



压型钢板型号 Type			RSS760	
有效覆盖宽度(mm) Effect Width			760	用途 Application
展开宽度(mm) Feeding Width			1000	
板厚(mm) Thickness	0.8	0.8	1.0	
截面惯性矩(cm'/m) Section Inertia	37.27	49.69	62.11	隐藏式屋面板 Dls-roof panel
截面抵抗矩(cm'm) Section Resistanc	12.29	18.39	20.48	

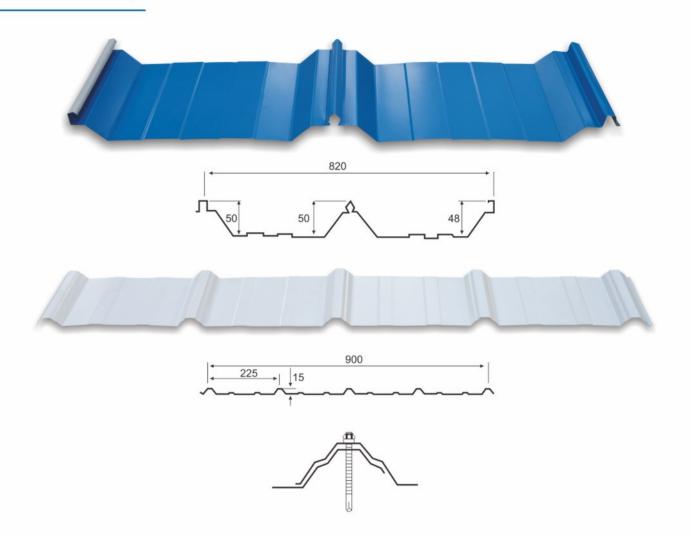


### 760屋面板效果图

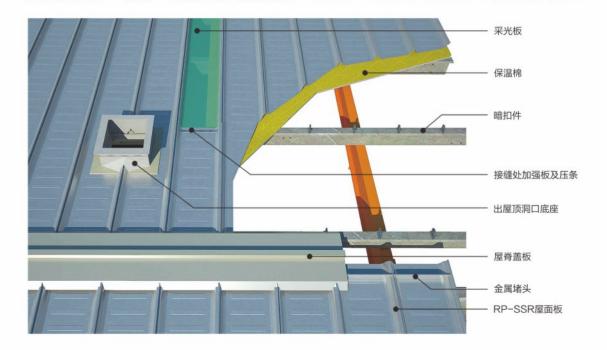
- ① 760屋面板
- ② 760连体扣件
- ③ 保温玻璃棉/岩棉
- ④ 镀锌檩条
- ⑤ 900压型钢板
- ① 760 roof
- ② 760-piece fastener
- 3 insulation glass wool / rock wool
- galvanized purlin
- ⑤ 900 pressure plate

Roofing System

### 820屋面系统



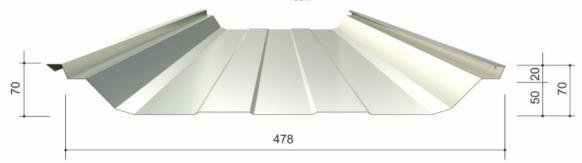
## 天衣无"缝"的屋面系统 360° 直立锁缝、现场成型



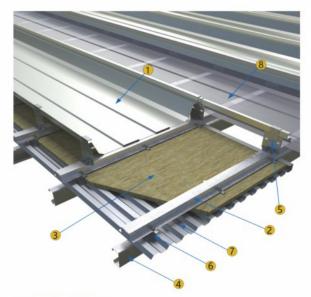
### 478屋面系统

金属屋面外板在顺坡方向上通长无搭接,采用独特设计的滑动支座固 定。解决了因热胀冷缩产生的板块应力,消除了传统螺钉穿透屋面板固 定方式带来的漏水隐患,避免了金属板螺钉处产生的温度应力对屋面板 的破坏。

Metal roof outer plate long pass no overlap in the downslope direction, the unique design of the sliding bearings fixed. Stress due to thermal expansion and contraction to solve the plate produced, eliminating the traditional fixation screws through the roof leaks caused by hidden dangers to avoid thermal stress generated at the sheet metal screws damage to the



压型钢板型号 Type		RSS478	
有效覆盖宽度(mm) Effect Width		478	用途 Application
展开宽度(mm) Feeding Width		600	
板厚(mm) Thickness	0.5	0.6	
截面惯性矩(cm'/m) Section Inertia	35.23	42.21	隐藏式屋面板 Dls-roof panel
截面抵抗矩(cm'm) Section Resistanc	21.65	25.86	



### 478屋面板效果图

① 478屋面板

⑤ 478加高扣件

②镀锌次檩条

⑥ 镀锌钢板连接件

③ 保温玻璃棉/岩棉 ④ 镀锌主檩条

⑦ 825压型钢板 ⑧ 透明瓦

锁缝示意

360°咬合式屋面板与其它搭接型板材不同之处在于,板与板之间的结合部位公 肋180°、母肋360°双锁接缝永久地结合在一起,防止了水蒸气的渗入,也防止 了雨水的浸入。

#### 专用卷边成型机

360°咬合式屋面板在接缝过程中,使用专门设计的高性能的电动便携式卷边成 型机。该成型机四轮驱动,卷边成型规则,且对板材表面没有任何损伤。

#### 滑移式固定支座

由固定座滑移连接片和定位块组成, 自攻钉将整个支座固定在屋面结构上, 定 位块准确的确定连接片的位置,直立电动锁缝机将屋面板的公母肋和插入其中 的连接片咬合在一起成360°卷边而紧紧锁住,从而既保证负压情况下屋面的整 体安全,又保证屋面板沿坡度方向上下滑移行程总共60mm。当屋面板沿坡度 方向产生滑移时,塑料定位块会自动脱落。

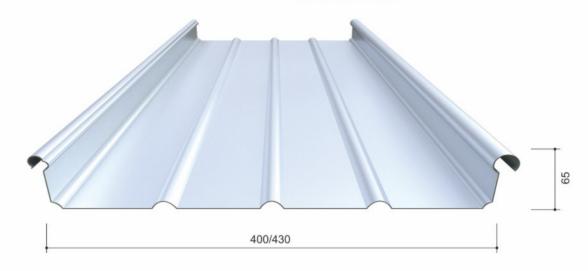
360°咬合式屋面板系统包括一系列完整的附件,比如带密封的屋面开孔,外挂 天沟等。完整的附件配套才能使本系统的优势得到最大程度的发挥。

360°咬合式屋面板在工厂预制过程中完成板端切肢打孔,现场采用上、下压条 加密封胶泥,用4个螺栓连接副连接,完成上下屋面板的搭接,既方便,又安 全, 保证质量, 又大大提高施工效。

### 430铝镁锰屋面系统

铝镁锰屋面系统是海龙公司引进国外先进层面系统和技术,专业满足独 特的建筑设计理念和应用而推出的完美及久经考验的整体解决方案。

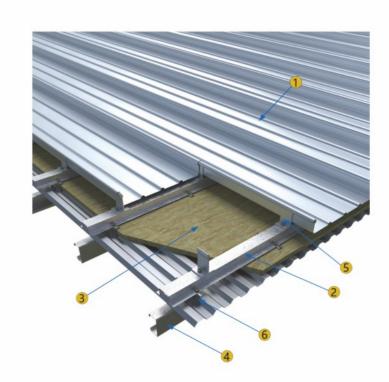
Hailong magnesium manganese roof system is the introduction of foreign advanced technology and systems level, professional meet the unique architectural design and application and the introduction of a perfect and proven overall solution.



- ◆ 耐候性能好,使用寿命长
- ◆ 自承重, 受力性能合理
- ◆ 屋面排水性能优越,不受坡度影响
- ◆ 经济合理,安装便捷,施工周期短
- ◆ 无限制伸缩, 对结构不产生伸缩应力 ◆ 无须防水胶,屋面无穿孔螺钉外露
- ◆ 密封性能强,隔音效果好
- ◆ 维修方便,环保可回收

- Good weather resistance and long service life
- ◆ Self-supporting, reasonable force performance
- Roof drainage, superior performance, not affect the slope
- Economical, easy to install, short construction period
- Unlimited retractable, telescoping structure does not produce stress
- ◆ Without waterproof glue, screw exposed roof without perforation
- Sealing performance, good sound insulation • Easy maintenance, environmental protection recyclable
  - 760屋面板效果图
  - ① 430铝镁锰屋面板
  - ②镀锌次檩条
  - ③ 保温玻璃棉/岩棉
  - ④ 镀锌主檩条
  - ⑤ 铝合金支座
  - ⑥ 镀锌钢板连接件
  - ① 430 magnesium manganese roof
  - 2 galvanized purlin times
  - ③ insulation glass wool / rock wool
  - ④ master galvanized purlin

  - 6 galvanized steel connector



⑤ aluminum bearing

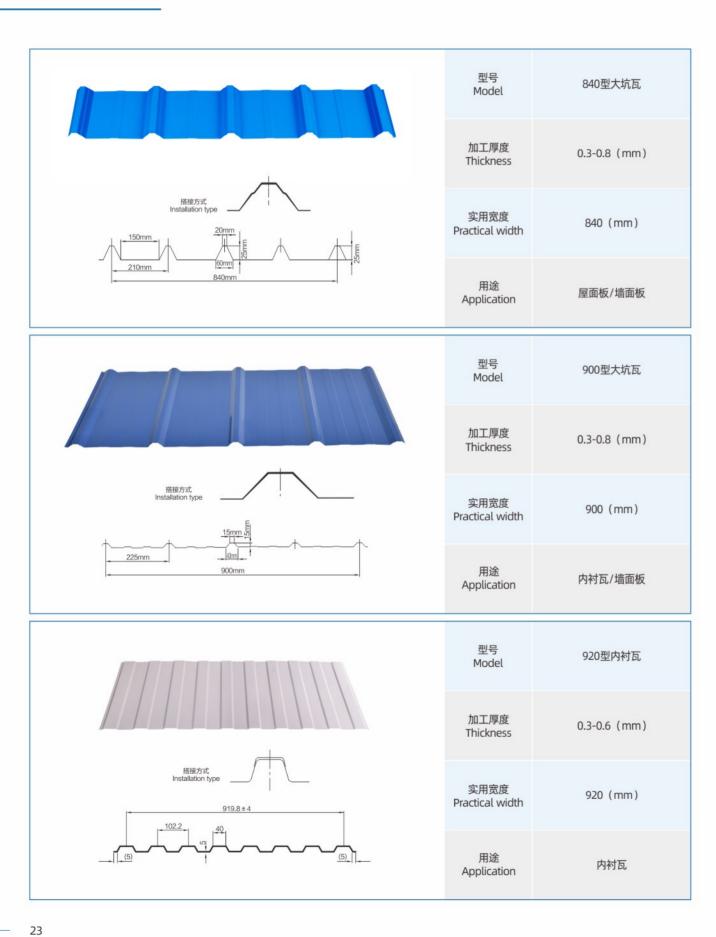
## STEEL STRUCTURE ACCESSORIES

钢结构配件

- 23 彩钢单瓦系列 Color Steel Single Tile Series
- 24 檩条系列 Purline series
- **26** 楼承板系列 Floor slab series
- **27** 暗扣配件 Concealed fastener fitting
- 28 彩钢配件大样图 Color steel fittings large pattern

21 22 -

### 彩钢单瓦系列

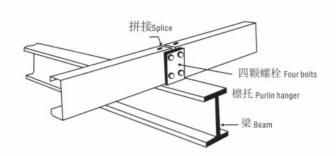


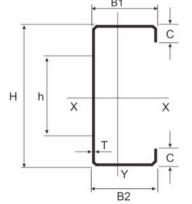
### 彩钢单瓦系列

	型号 Model	780型横挂波瓦
	加工厚度 Thickness	0.3-0.8 (mm)
780mm		780 (mm)
搭接方式 Installation type	用途 Application	墙面板
	型号 Model	750型高坑瓦
搭接方式 Installation type	加工厚度 Thickness	0.3-0.8 (mm)
Installation type 28mm	实用宽度 Practical width	750 (mm)
125mm 98mm 750mm	用途 Application	墙面板
	型号 Model	840型小波浪瓦
	加工厚度 Thickness	0.3-0.5 (mm)
	实用宽度 Practical width	840 (mm)
	用途 Application	墙面板

檩条系列



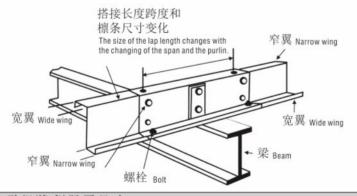


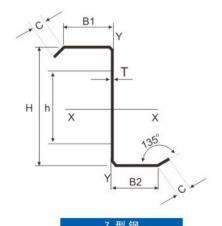


C 型钢 C-section Shee

型号	断面	ī尺寸 (mm	) The size	of the sec	tion	孔距(mm)	备注
TYPE	Н	B1	B2	C	Т	H	Notes
C8#	80	31	31	10	1.3-2.0	不冲孔	標条型号
C10#	100	40	40	10	1.3-2.0	40	也可根据用户要求
C12#	120	40	40	12	1.5-2.0	孔距可调	制作
C14#	140	43	43	15	1.5-2.0	孔距可调	(可冲中孔)
C16#	160	50	50	16	1.5-2.5	孔距可调	The type of
C18#	180	60	60	20	1.8-2.5	孔距可调	the purlins can be fabricated
C20#	200	60	60	20	1.8-2.5	孔距可调	according users'
C22#	220	60	60	20	2.0-2.5	孔距可调	requirement (It can be punched in
C25#	250	70	70	20	2.0-3.0	孔距可调	the middle.
C30#	300	80	80	20	2.5-3.0	孔距可调	1



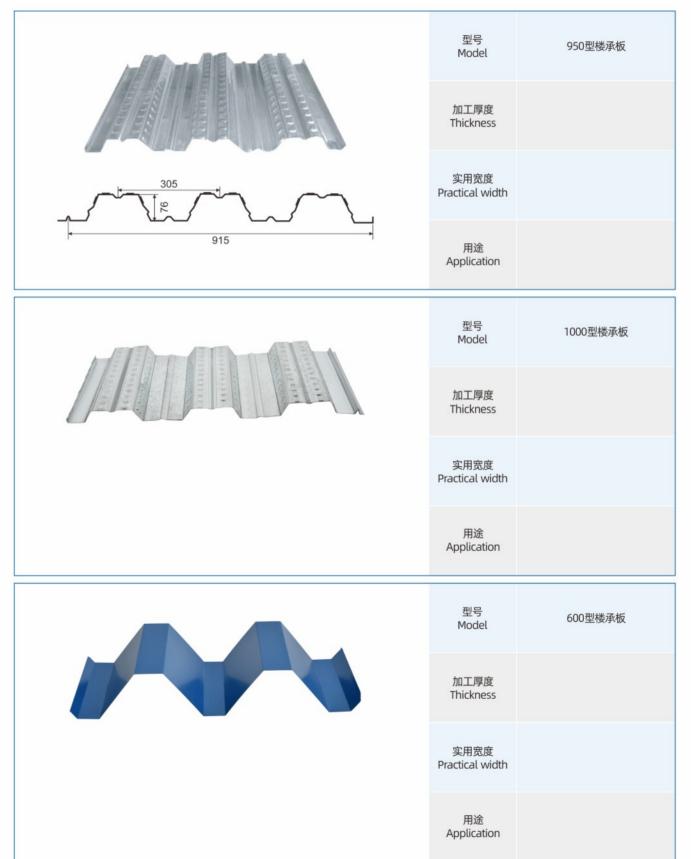




<b>型</b> 묵		断面尺寸	(mm) The	size of th	e section	孔距(mm)	备注
TYPE	Н	B1	B2	C	T	Pitch-rowtion H	Notes
Z10#	100	45	41	15	1.3-2.0	40	
Z14#	140	50	45	15	1.3-2.0	孔距可调	檩条型号 也可根据 用户要求
Z15#	150	60	55	20	1.5-2.0	孔距可调	用户要求 制作
Z16#	160	55	50	15	1.5-2.0	孔距可调	(可冲中孔翼缘孔)
Z18#	180	48	43	15	1.8-2.0	孔距可调	The type of
Z18#	180	63	58	20	1.8-2.5	孔距可调	the purlins can be fabricated
Z20#	200	63	58	20	1.8-2.5	孔距可调	according users' requirement
Z25#	250	75	70	20	2.0-2.5	孔距可调	(It can be punched in
Z28#	280	66	62	15	2.0-3.0	孔距可调	the middle.)
Z30#	300	78	72	20	2.5-3.0	孔距可调	

Floor slab series

### 楼承板系列

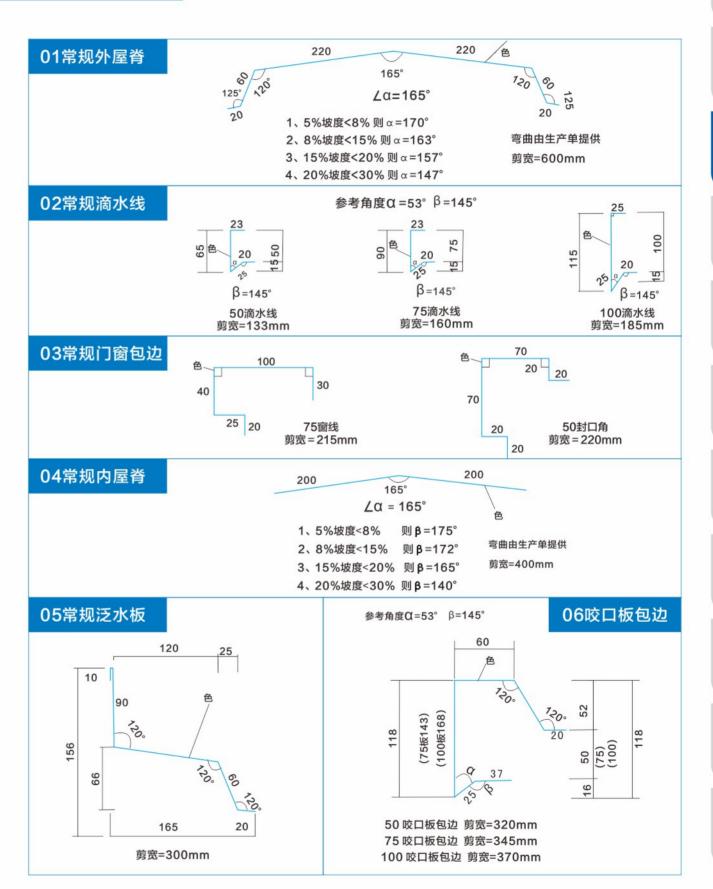


### 暗扣配件



Color steel fittings large pattern

### 彩钢配件大样图



## **CLEANROOM PARTITION**

洁净室隔断

- **31** T-gid天花盲板 T-gid ceiling blind panel
- **32** 中字铝型拼接手工板 Type Aluminum Joint Panel
- 33 公母口拼接手工板 Male and female joint type
- 34 聚苯乙烯/泡沫夹芯板 Polystyrene/foam sandwich panel
- 35 岩棉夹芯板 Rockwool panel

- **36** 中空玻镁夹芯板 Glass magnesium panel
- **37** 硫氧镁夹芯板 Magnesium oxysulfide sandwich panel
- 38 不老泡夹芯板 Propo oxysulfide sandwich panel
- **39** 硅岩夹芯板 Silica rock sandwich panel
- **40** 安装节点图 Installation Node Diagram

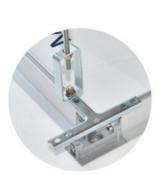


### T-gid天花盲板

T-Gird天花又称为T-bar天花或FFU龙骨天花,是目前各类高等级洁净室或大型电子工业厂房洁净室广泛选用的天花吊顶系统。T-Gird天花系统具有标准网格化的天花龙骨布置,可在任意网格内配置FFU送风机组,消防喷淋、消防排烟、烟雾感应、照明灯具等系统模块,其余网格内放置盲板。该系统天花因模块化设计且有安装方便快捷,美观整齐,结构强度高,施工污染低等优点,是一种可上人天花系统。

T-Gird ceiling, also known as T-bar ceiling or FFU keel ceiling, is a widely used ceiling system in various high-grade cleanrooms or large electronic industrial cleanrooms. The T-Gird ceiling system features a standard grid based arrangement of ceiling joists, which can be equipped with FFU air supply units, fire sprinkler, fire smoke exhaust, smoke sensing, lighting fixtures, and other system modules in any grid. Blind panels can be placed in other grids. The ceiling of this system has the advantages of modular design, easy and fast installation, beautiful and neat appearance, high structural strength, and low construction pollution, making it a walkable ceiling system.







产品类别: 铝蜂窝盲板、石膏盲板、八折边烤漆盲板, 冲孔烤漆盲板。

产品尺寸: 1170\*570或1170\*1170。

结构优点: T-Gid龙骨搭接,安装快捷。

产品特性

可用芯材:泡沫,玻璃棉,岩棉,酚醛。

安装结构: 企口型拼接。

产品应用

集装箱房专用板,表面镀锌,内不彩涂,客户根据需求喷涂颜色。

#### Specification

Regular thickness: 50mm, 75mm, 100mm

Effective width: 1150mm

Regular lenth: wall 2750mm, roof 2900mm

Product features

Core material available: Foam, polyurethane, rock wool. Phenolic in stellation structure: male and female joint.

Applications

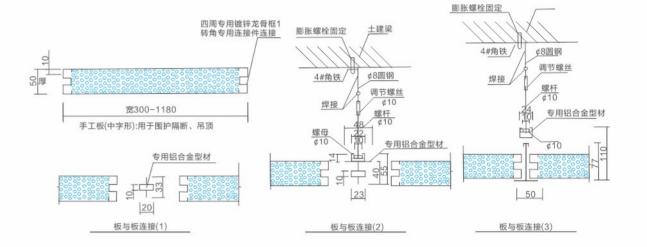
Special panel for container house, with gavanized surface and colorless interior. Customers can spray coor according to their needs.

Type Aluminum Joint Panel

中字铝型拼接手工板







#### 产品规格

常规厚度: 50mm, 75mm, 100mm 有效宽度: 300mm-1180mm 标准板: 980mm、1180mm

长度: 按用户需要及工程要求而定尺生产(一般≤6000mm)

可用芯材: 硫氧镁、玻镁、岩棉、铝蜂窝、纸蜂窝及挤塑、聚氨酯等

安装结构: 中字铝拼接

#### Specification

Regular thickness: 50mm.75mm.100mm Effective width: 300mm-1180mm Standard size: 980mm、1180mm

Regular lenath: It depends on proiect's reauirement andtransportation

condition(Usuall enath ≤6000mm).

Core material: Maanesium oxysulfide, alass maanesium. rock wool. aluminum honevcomb, paper honevcomb, phenolic foam etc.

Installation structure: type aluminum joint.

#### 产品特性

产品表面为高级聚酯烤漆彩钢板,并可采用镀锌板、不锈钢板,故耐腐蚀性特好,产品芯材均是A级阻燃材料(纸蜂窝除外),燃烧时不会熔化,也没有高温分解滴落物,是目前国内高等级的防火建筑装饰复合板材,产品强度高、耐冲击、抗震性好,易安装,平整度更好更美观。

#### Product features

Handicraft panel has hiah corrosion resistance,as is used PE]color-coatina steel as surface,(aalvanized sheet. stainless steesheet can be other options), Core material is A arade fire-resistanmaterials (alass maanesium, rock wool), it will be neither melt nobreakdown droppinas when burning.handicraft panel is arexcellentt fire-proof building and decoration composite materials tilnow with its hiah strenath,hiah impact-resistant. earthauakeresistant and convennient assemble, better flatness and looking.

### 产品应用

广泛应用于防火要求高及洁净要求好的洁净厂房,医药,电子,生物研究,食品,饮料等净化间的室内墙体用板。

### **Applications**

Handicraft panel is widely used as exterior wall panel in clearresearch. foodstuffrooms of pharmacy,electronics.bioloaybeverage etc.

屋面

结构配件

洁净室隔断

净门窗

八道保温

冲孔道

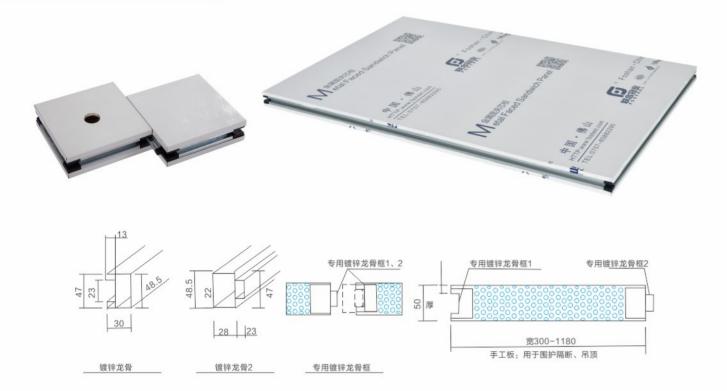
不锈钢系

洁净铝

芯材系列

**回材分米** 

### 公母口拼接手工板



#### 产品规格

常规厚度: 50mm,75mm,100mm 有效宽度: 300mm-1180mm 标准板: 980mm、1180mm

长度: 按用户需要及工程要求而定尺生产(一般≤6000mm)

可用芯材: 硫氧镁、玻镁、岩棉、铝蜂窝、纸蜂窝及挤塑、聚氨酯等

安装结构: 公母口拼接

#### 产品特性

产品表面为高级聚酯烤漆彩钢板,并可采用镀锌板、不锈钢板,故耐腐蚀性特好,产品芯材均是A级阻燃材料(纸蜂窝除外),燃烧时不会熔化,也没有高温分解滴落物,是目前国内高等级的防火建筑装饰复合板材,产品强度高、耐冲击、抗震性好。公母口拼接使安装更快捷更省成本。

### 产品应用

广泛应用于防火要求高及洁净要求好的洁净厂房, 医药, 电子, 生物研究, 食品, 饮料等净化间的室内墙体用板。

#### Specification

Regular thickness: 50mm.75mm.100mm Effective width: 300mm-1180mm Standard size: 980mm, 1180mm

Regular length: It depends on project's requirement and transportation condition (Usual Length≤6000mm).

Core material: Magnesium oxysulfide, glass magnesium, rock wool,

aluminum honeycomb, paper honeycomb, phenolic foam etc.

Installation structure: Male-female joint.

#### Product features

Handicraft panel has high corrosion resistance, as is used PET color-coating steel as surface, (galvanized sheet, stainless steel sheet can be other options), Core material is A grade fire-resistant materials (glass magnesium, rock wool), it will be neither melt nor breakdown droppings when burning.handicraft panel is an excellentt fire-proof building and decoration composite materials till now with its high strength, high impact-resistant, earthquake-resistant and it is convennient assembled and low cost.

### **Applications**

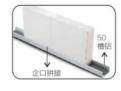
Handicraft panel is widely used as exterior wall panel in clean rooms of pharmacy, electronics, biology research, foodstuff, beverage etc.

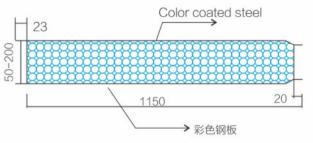
Polystyrene/foam sandwich panel

### 聚苯乙烯/泡沫夹芯板









### 产品规格

常规厚度: 50mm, 75mm, 100mm, 125mm, 50mm, 200mm

有效宽度: 950mm, 1150mm

常规长度: 按用户需求运输条件定尺寸生产

#### Specification

Regular thickness: 50mm, 75mm, 100mm, 125mm, 150mm, 200mm

Effective width: 950mm, 1150mm

Regular length: It depends on project's requirement and

transportation condition

### 产品特征

聚苯乙烯夹芯板(湘沫夹芯板)是一种新型建筑板材,是由外展两侧钢板和内层聚苯乙烯经全电脑控制彩钢成型机加压并铺上高强度胶黏剂复合而成。

### Characteristics

Polystyrene sandwich panel (foam sandwich panel) is a new type of building board, t is made of steel and inner layer polystyrene on both sides of the outer layer and is pressurized by a computer-controlled color steel farming machine and coated with high-strength adhesive Compounded.

### 产品特性

自重轻,安装方便,施工周期短,综合造价低,承载力高,整体跨度大,使用灵活。隔热、隔音,吸水率低可以重复利用等。

#### Product features

Light weight, easy to install, short work cycle, lower cost, high-capacitykhigh-stiffness and intensity, flexible for using. Heat preservation and heat in sulation, prevernting sound pollution, ow water absorption.

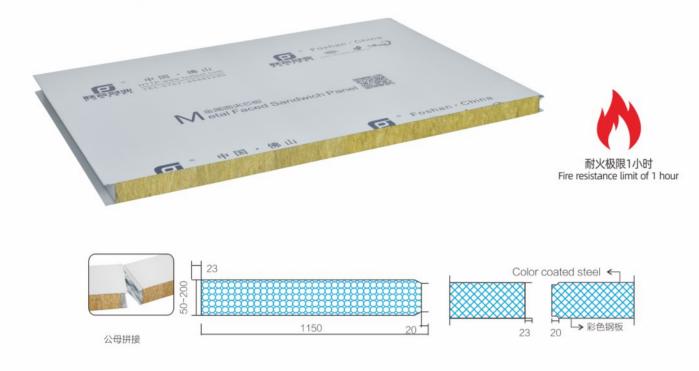
### 产品应用

净化洁净厂房,组合房屋、楼顶加展、室内隔间,医药、电子、食品、饮料、蔬菜保鲜及冷库等内部装修使用。

#### **Applications**

It is widely used in: Purifying factory, combined house, building top attachment, indoor partition, automobile painting room, refrigerator another project. E.g. Interor decoration of civil Buildings for medicine, electronics, foodstuff beverage, vegetable preservation and largerefrigerator efc.

### 岩棉夹芯板



### 产品规格

常规厚度: 50mm, 75mm, 100mm, 125mm, 150mm

有效宽度: 950mm, 1150mm

常规长度: 按用户需求运输条件定尺寸生产

### Specification

Regular thickness: 50mm, 75mm, 100mm,1 25mm, 150mm, 200mm

Effective width: 950mm, 1150mm

Regular length: it depends on project's requirement and

transportation condition

### 产品特征

岩棉夹芯板适用于对防火有较高要求的工程。若岩棉纤维垂直于金 属面板,高密度条状岩棉沿板长方向交错布置,保证了岩棉夹芯极 具有良好的承载能力。

#### Characteristics

Rockwool sandwich panel is applicable to project with fairly high demand upon fire prevention. The rock wool fibres is vertical to the colour steel plates. High density strip rock wool crisscross with the length of the colour steel plate. All of this garanteed the rock wool sandwichpanel have a good bering capability.

### 产品特性

岩棉芯材为非燃烧材料,故岩棉夹芯板具有超过900度的耐火能 力。50mm厚的防火时间为60分钟以上,隔音效果符合 ISO717/82 & UNI18270/7标准。

### Product features

The ability off the fireproof of the rack wool sandwich panel is over 900°C. Fire proof: 60 minutes. Sound proof: confirming 1SO 717/82 & UNI18270/7

### 产品应用

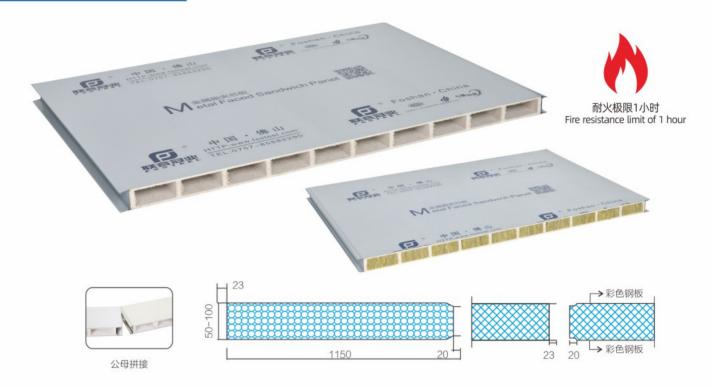
广泛适用于净化洁净厂房,组合房屋,楼顶加层、室内间隔,汽车 烤漆房及冷冻保鲜库等工程,也适合使用于隔音要求高的环境。

#### **Applications**

It is widely used in: Purifying factory, combined house, building top attachment, indoor partition, automobile painting room, refrigerator and other project, specially suitable for the place where is high requirement in the sound-insulation.

Glass magnesium panel

### 中空玻镁夹芯板



### 产品规格

常规厚度: 50mm, 75mm, 100mm

有效宽度: 1150mm

常规长度: 按用户需求及工程要求而定尺寸生产

芯材: 玻镁空芯、玻镁岩棉、玻镁泡沫、玻镁铝蜂窝、玻镁纸蜂窝、玻

镁聚氨酯、玻镁酚醛 安装结构: 企口型拼接

#### Specification

Regular thickness: 50mm, 75mm, 100mm

Effective width: 1150mm

Regular length: It depends on the project requirement and

transportation condition.

Core material available: Glass magnesium hallow core, glass magnesium aluminum honeycomb, glass magnesium paper

honeycomb.

Installation structure: male and female joint.

### 产品特性

防火: 60分钟,不受天气影响,高密度,耐高温,超过1000℃。

#### Product features

Fire proof: 60minutes, Weather proof, High density, High temperature withstanding capacity more than 1000°C.

#### 产品应用

广泛应用于防火要求高及洁净要求好的净化洁净厂房,组合厂房、 室内隔间等室内外用板,如;医药、电子、生物研究、食品、饮料 等净化车间的室内墙体用板。

#### **Applications**

Widely used in the roof of big span combined steel structure and grid structure, which have the high requirement of fire proof and heat preservation.

## 硫氧镁夹芯板



### 产品规格

厚度: 50mm, 75mm, 100mm

有效宽度: 1150mm

常规长度: 按用户需求运输条件定尺寸生产

### 产品特征

硫氧镁夹芯板俗称中空硫氧镁板,是彩钢净化板专业芯材,由硫酸 镁、氧化镁等材料,采用层压法,压成成型,是一种绿色,环保的 净化保温产品。具有防火。保温、抗折、隔热、隔音、无毒、质轻 的优点,克服了传统彩钢净化板的不足,特别适用于特定区域的室 内外隔墙及吊顶。

#### 产品特性

防火A1级、具有高强度、平整度好、保温隔热、防水防潮、隔音 等产品独特点。

#### 产品应用

广泛用于防火要求高及洁净要求好的净化洁净车间。

#### Specification

Regular thickness: 50mm, 75mm, 100mm

Effective width: 1150mm

Regular length:: produced according to the size determined by the

transportation conditions required by the user

#### Characteristics

Magnesium oxychloride sandwich panel, commonly known as hollow magnesium oxychloride panel, is a professional core material for color steel purification panels. It is made of materials such as magnesium sulfate and magnesium oxide, and is laminated and pressed into shape. It is a green and environmentally friendly purification and insulation product. Has fire resistance. The advantages of insulation, anti bending, thermal insulation, sound insulation, non toxicity, and lightweight overcome the shortcomings of traditional color steel purification panels, making it particularly suitable for indoor and outdoor partition walls and ceilings in specific areas.

#### Product features

Fireproof A1 level, with unique features such as high strength, good flatness, thermal insulation, waterproof and moisture-proof, sound insulation, etc.

#### **Applications**

Widely used in purification and clean workshops with high fire prevention requirements and good cleanliness requirements.

Propo oxysulfide sandwich panel

### 不老泡夹芯板



### 产品规格

厚度: 50mm, 75mm, 100mm

有效宽度: 1150mm

常规长度: 按用户需求运输条件定尺寸生产

#### Specification

Regular thickness: 50mm, 75mm, 100mm

Effective width: 1150mm

Regular length: It depends on the project requirement and transportation

condition.

### 产品特征

新型保温材料PROPOR (不老泡)采用颗粒防火隔离膜挤塑,运 用共聚改性使EPS单体颗粒具有与防火物质相同的特性,并运用微 相复合技术在每个有机颗粒表面形成防火隔离膜, 使每个颗粒形成 相对独立的有机颗粒防火单位。遇火焰形成断热阻隔连续蜂窝状结 构, 阻隔火焰传播和穿透, 杜绝燃烧的发生。不老泡也称为"真金 板",属于新型的改良性泡沫板。

#### Characteristics

The new insulation material PROPOR (non aging foam) adopts particle fireproof isolation film extrusion, uses copolymerization modification to make EPS monomer particles have the same characteristics as fireproof substances, and uses microphase composite technology to form fireproof isolation film on the surface of each organic particle, so that each particle forms a relatively independent organic particle fireproof unit. When encountering flames, it forms a continuous honeycomb structure with thermal insulation and barrier, which blocks the propagation and penetration of flames and prevents combustion from occurring. The ageless foam, also known as "genuine gold plate", is a new type of modified foam plate.

#### 产品特性

防火A2级、具有自重轻,高强度、平整度好、保温隔热、安装快 捷等产品独特点。

#### Product features

Fireproof A2 level, with unique features such as light weight, high strength, good flatness, thermal insulation, and quick installation.

#### 产品应用

广泛应用于电子、食品、饮料等对保温有要求的洁净室隔墙及吊 顶。

#### **Applications**

Widely used in clean room partitions and ceilings that require insulation in electronics, food, beverages, and other industries.



### 产品规格

厚度: 50mm, 75mm, 100mm

有效宽度: 1150mm

常规长度: 按用户需求运输条件定尺寸生产

### 产品特征

硅岩净化板主要以聚苯乙烯为原材料制成、而聚苯乙烯原本就是很好的低导热原料,再辅助以挤塑而成,形成紧密的蜂窝结构,从而有效组织了热传导,具有高热阻、低线性膨胀率的特性。与岩棉板的区别主要在于板材的耐温、导热系数以及耐高温极限上。使用硅岩净化板既能满足保温节能要求,又能防止火灾发生。

### 产品特性

防火A2级、具有自重轻,高强度、平整度好、保温隔热、安装快捷等产品独特点。

### 产品应用

广泛应用于电子、食品、饮料等对保温有要求的洁净室隔墙及吊顶。

#### Specification

Regular thickness: 50mm, 75mm, 100mm

Effective width: 1150mm

Regular length:: produced according to the size determined by the

transportation conditions required by the user

#### Characteristics

The silica purification board is mainly made of polystyrene as the raw material, which is already a good low thermal conductivity material. It is further extruded to form a compact honeycomb structure, effectively organizing heat conduction and possessing high thermal resistance and low linear expansion rate. The main difference between rock wool board and rock wool board lies in the board's temperature resistance, thermal conductivity, and high temperature resistance limit. The use of silica purification panels can meet the requirements of insulation and energy conservation, as well as prevent fires from occurring.

#### Product features

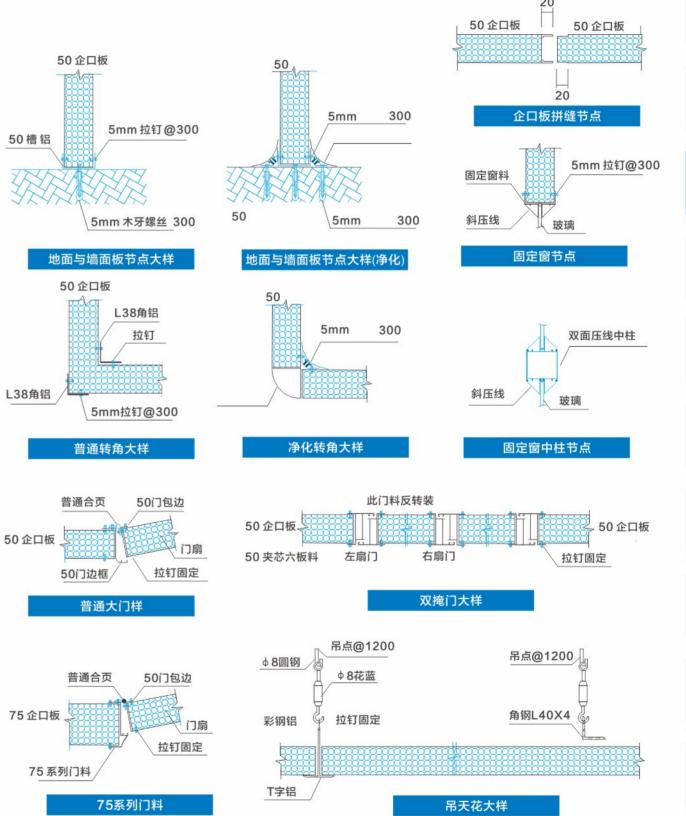
Fireproof A2 level, with unique features such as light weight, high strength, good flatness, thermal insulation, and quick installation.

#### Applications

Widely used in clean room partitions and ceilings that require insulation in electronics, food, beverages, and other industries.

Installation Node Diagram

### 安装节点图

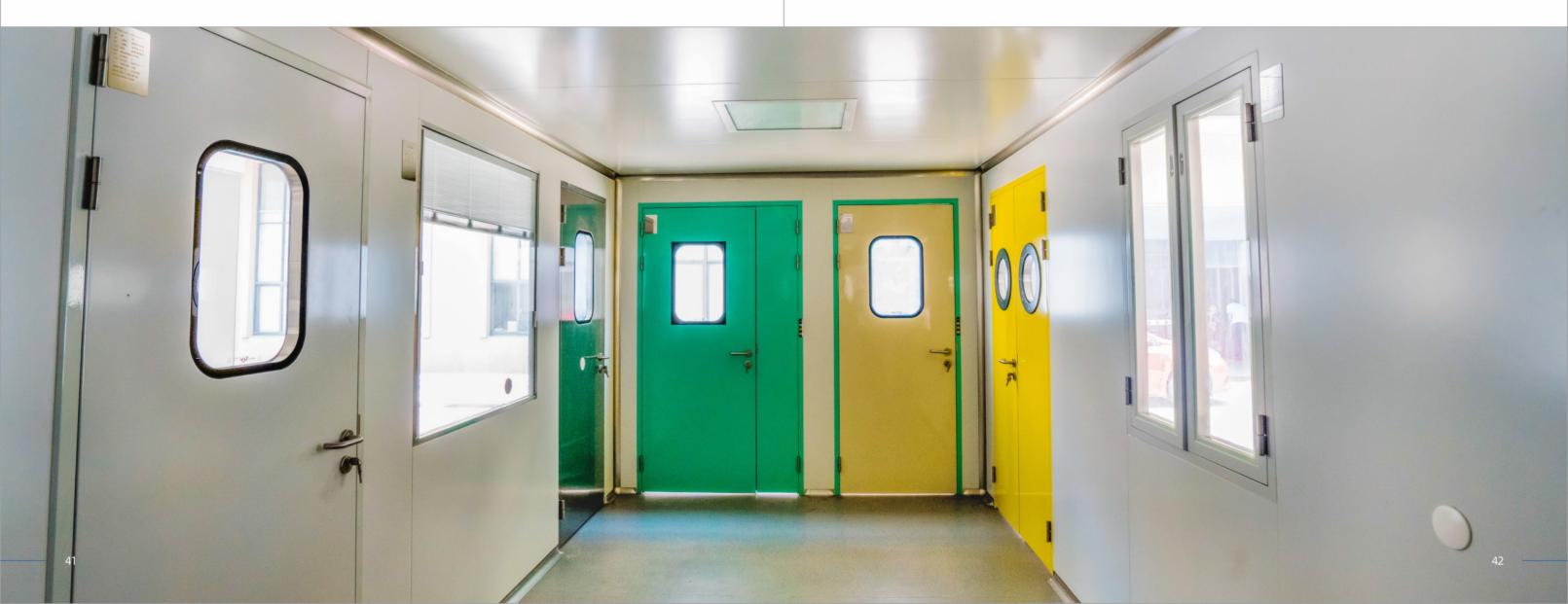


# **CLEAN DOORS AND WINDOWS**

洁净门窗

- **43** 铝框钢质单开门 Aluminum frame steel single door
- 44 铝框钢质双开门 Aluminum frame steel double door
- **45** 全钢质单开门 Single door of steel

- **46** 全钢质双开门 Aluminum frame steel double door
- **47** 不锈钢单开门 Stainless steel single door
- 48 双层玻璃观察窗 Clean room windows of glass



Aluminum frame steel double door





项目	W	Н
1	800	2100
2	900	2100
3	1000	2100

### 特点 Features

防火耐用、外表美观、整体无突出、容易清洁、密封性好。

Fireproof, durable, beautiful looking, neat, no protrusion, easy to clean, good tightness.

#### 标配材料 Standard materials

43



### 用途 Applications

广泛用于彩钢板墙体净化工程、涵盖医药、食品、化妆品、电子制造行业。

They are widely used in clean room with color steel wall, covering industries like pharmaceuticals food, cosmetics, electronics industry.

序号 No	名称 Name	材料 Material	备注 Remarks
1	门框,门包边	铝合金型材1.2mm	表面氧化喷涂处理
	Doorframe and door edge	1.2 mm thick aluminum profile	Surface oxidization
2	门板	镀锌板0.3-0.6mm	表面处理,高温烤漆
	Door plank	galvanizes sheet: 0.3-0.6mm	Surface oxidization
3	芯材	纸蜂窝、岩棉、铝蜂窝	阻燃或防火
	Core material	paper honeycomb, rockwool	Fire proof(optional)
4	观察窗	5mm双层钢化玻璃	常用规格600*400
	Observation window	5mm double hollow glass of steel	Regular size: 600*400
5	门锁	高档不锈钢执手锁	可选配
	Locks	High-grade handle lock	optional
6	扫地条	自动升降式	可选配
	Sweeping strip	sweeping strip of automatic lift	optional
7	表面处理	表面静电喷涂	浅蓝,白灰
	Surface treatment	ectrostatic spray for surface	sea blue white gray
8	其他配件 Other parts	不锈钢合页、闭门器另配 Hing	gs of stainless steel, not include closer

备注: 具体尺寸可根据客户需求定制。 Remark:The specific size can be customaised according to customer's requuirment.



### 尺寸要求 Size requirements

项目	W	н
1	1200	2100
2	1500	2100
3	1800	2100

### 特点 Features

防火耐用、外表美观、整体无突出、容易清洁、密封性好。

Fireproof, durable, beautiful looking, neat, no protrusion, easy to clean, good tightness.



广泛用于彩钢板墙体净化工程、涵盖医药、食品、化妆品、电子制造行业。

They are widely used in clean room with color steel wall, covering industries like pharmaceuticals food, cosmetics, electronics industry.



#### 标配材料 Standard materials

序号 No	名称 Name	材料 Material	备注 Remarks
1	门框,门包边	铝合金型材1.2mm	表面氧化喷涂处理
	Doorframe and door edge	1.2 mm thick aluminum profile	Surface oxidization
2	门板	镀锌板0.3-0.6mm	表面处理,高温烤漆
	Door plank	galvanizes sheet: 0.3-0.6mm	Surface oxidization
3	芯材	纸蜂窝、岩棉、铝蜂窝	阻燃或防火
	Core material	paper honeycomb, rockwool	Fire proof(optional)
4	观察窗	5mm双层钢化玻璃	常用规格600*400
	Observation window	5mm double hollow glass of steel	Regular size: 600*400
5	门锁	高档不锈钢执手锁	可选配
	Locks	High-grade handle lock	optional
6	扫地条	自动升降式	可选配
	Sweeping strip	sweeping strip of automatic lift	optional
7	表面处理	表面静电喷涂	浅蓝,白灰
	Surface treatment	ectrostatic spray for surface	sea blue white gray
8	其他配件 Other parts	不锈钢合页、闭门器另配 Hings	of stainless steel, not include closer

备注: 具体尺寸可根据客户需求定制。 Remark:The specific size can be customaised according to customer's requuirment.

### 全钢质单开门





项目	W	Н
1	800	2100
2	900	2100
3	1000	2100

### 特点 Features

防火耐用、外表美观、整体无突出、容易清洁、密封性好。

Fireproof, durable, beautiful looking, neat, no protrusion, easy to clean, good tightness.

#### 标配材料 Standard materials

45

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### 用途 Applications

广泛用于彩钢板墙体净化工程、涵盖医药、食品、化妆品、电子制造行业。

They are widely used in clean room with color steel wall, covering industries like pharmaceuticals food, cosmetics, electronics industry.

序号 No	名称 Name	材料 Material	备注 Remarks
1	门框	镀锌板1.5厚	表面处理,除油拉手再喷塑
	Doorframe	Thickness of galvanized sheet: 1.5	Surface treatment, degreasing, nap and then spray
2	门板	镀锌板1.0厚	表面处理,除油拉毛再喷塑
	Door plank	Thickness of galvanized sheet: 1.0	Surface treatment, degreasing, nap and then spray
3	芯材	纸蜂窝、铝蜂窝填充	防火性(可选)
	Core material	Paperhoneycomb,aluminum honeycomb	Fire proof (optional)
4	观察窗	5mm厚钢化双层中空玻璃	常用规格: 600*400/750*450直角/圆弧
	Observation window	5mm double hollow glass of steel	Regular size: 600*400/750*450
5	门锁 Locks	高档不锈钢执手锁 High-grade handie lock of stainless steel	
6	扫地条	自动升降式扫地备	弹性好,永久型
	Sweeping strip	Sweeping strip of automatic lift	Good elasticity, permanent
7	表面处理	表面静电喷塑	海蓝,白灰
	Surface treatment	Electrostatic spray for surface	Sea blue, white gray
8	其他配件 Other parts	不锈钢合页、硅胶密封条,闭门器另配 Hinges o	of stainless steel, silicone seal, not include closer

备注: 具体尺寸可根据客户需求定制。 Remark: The specific size can be customaised according to customer's requuirment.

Aluminum frame steel double door

### 全钢质双开门







尺寸要求 Size requirements

项目	W	Н
1	1200	2100
2	1500	2100
3	1800	2100

### 特点 Features

防火耐用、外表美观、整体无突出、容易清洁、密封性好。

Fireproof, durable, beautiful looking, neat, no protrusion, easy to clean, good tightness.

### 用途 Applications

广泛用于彩钢板墙体净化工程、涵盖医药、食品、化妆品、电子制造行业。

They are widely used in clean room with color steel wall, covering industries like pharmaceuticals food, cosmetics, electronics industry.

#### 标配材料 Standard materials

序号 No	名称 Name	材料 Material	备注 Remarks
1	门框	镀锌板1.5厚	表面处理,除油拉手再喷塑
	Doorframe	Thickness of galvanized sheet: 1.5	Surface treatment, degreasing, nap and then spray
2	门板	镀锌板1.0厚	表面处理,除油拉毛再喷塑
	Door plank	Thickness of galvanized sheet: 1.0	Surface treatment, degreasing, nap and then spray
3	芯材	纸蜂窝、铝蜂窝填充	防火性(可选)
	Core material	Paperhoneycomb,aluminum honeycomb	Fire proof (optional)
4	观察窗	5mm厚钢化双层中空玻璃	常用规格: 600*400/750*450直角/圆弧
	Observation window	5mm double hollow glass of steel	Regular size: 600*400/750*450
5	门锁 Locks	高档不锈钢执手锁 High-grade handie lock of stainless steel	
6	扫地条	自动升降式扫地备	弹性好,永久型
	Sweeping strip	Sweeping strip of automatic lift	Good elasticity, permanent
7	表面处理	表面静电喷塑	海蓝,白灰
	Surface treatment	Electrostatic spray for surface	Sea blue, white gray
8	其他配件 Other parts	不锈钢合页、硅胶密封条,闭门器另配 Hinges o	of stainless steel, silicone seal, not include closer

备注:具体尺寸可根据客户需求定制。 Remark:The specific size can be customaised according to customer's requuirment.

Stainless steel single door

### 不锈钢单开门



尺寸要求 Size requirements

项目	W	н
1	800	2100
2	900	2100
3	1000	2100

### 特点 Features

防火耐用、外表美观、整体无突出、容易清洁、密封性好。

Fireproof, durable, beautiful looking, neat, no protrusion, easy to clean, good tightness.

### 用途 Applications

广泛用于彩钢板墙体净化工程、涵盖医药、食品、化妆品、电子制造行业。

They are widely used in clean room with color steel wall, covering industries like pharmaceuticals food, cosmetics, electronics industry.

### 标配材料 Standard materials

序号 No	名称 Name	材料 Material	备注 Remarks	
1	门框	304不锈钢1.2厚	有保护膜、色泽均匀	
	Doorframe	304 stainless steel 1.2 thick	Protective film, uniform color	
2	门板	304不锈钢0.8厚	有保护膜、色泽均匀	
	Door plank	304 stainless steel 0.8 thick	Protective film, uniform color	
3	芯材 Core material	纸蜂窝、铝蜂窝填充 Paper honbeycomb, aluminum honeycom		
4	观察窗	5mm厚钢化双层中空玻璃	常用规格: 600*400/750*450 直角/圆弧	
	Observation window	5mm double hollow glass of steel	Regular size:600*400/750*450	
5	门锁 Locks	高档不锈钢地手锁 High-grade handle lock of stainless steel		
6	扫地条	自动升降式扫地条	弹性好,永久型	
	Sweeping strip	Sweeping strip of automatic lift	Good elasticity, permanent	
7	其他配件 Other parts	不锈钢合页、硅胶密封条,闭门器另配 Hinges	of stainless steel, silicone seal, not include closer	

备注:8具体尺寸可根据客户需求定制。 Remark: The specific size can be customaised according to customer's requuirment.

Clean room windows of glass

### 双层玻璃观察窗



#### 特点 Features

防火耐用、外表美观、整体无突出、容易清洁、密封性好。

Fireproof, durable, beautiful looking, neat, no protrusion, easy to clean, good tightness.

#### 用途 Applications

广泛用于彩钢板墙体净化工程、涵盖医药、食品、化妆品、电子制造

They are widely used in clean room with color steel wall, covering industries like pharmaceuticals food, cosmetics, electronics industry.

### 标配材料 Standard materials

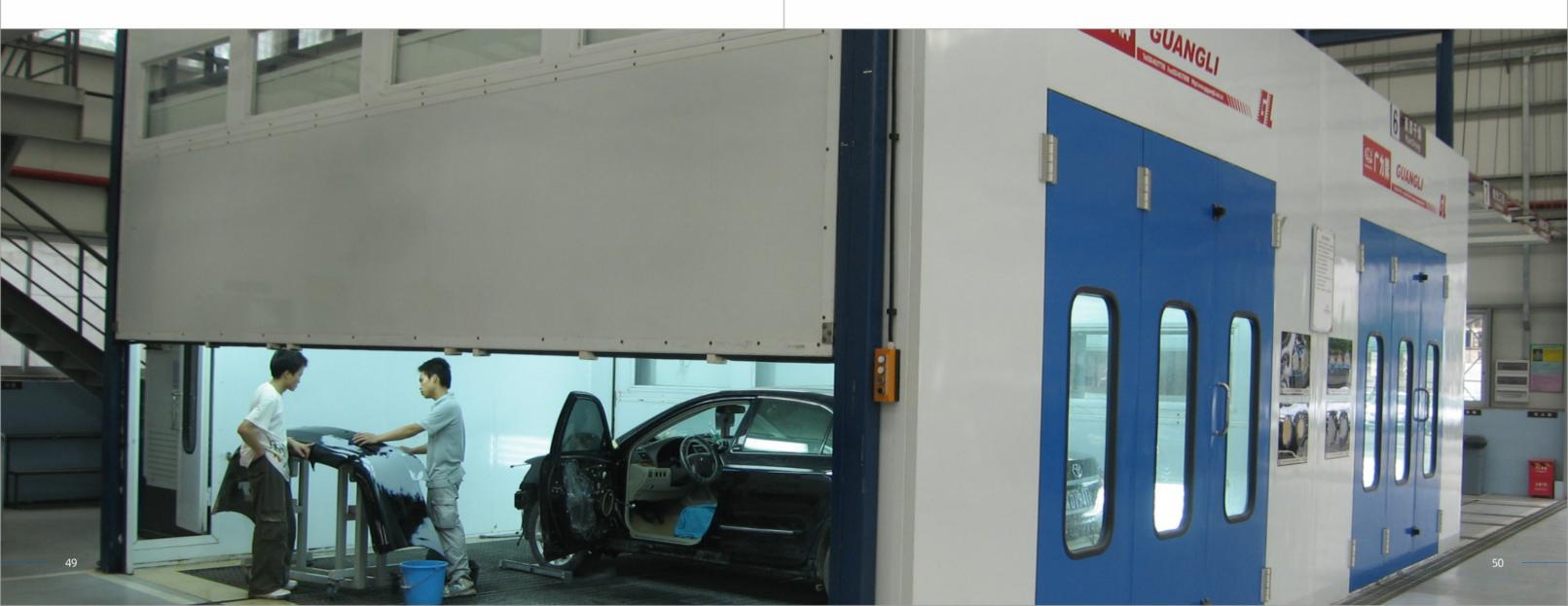
序号 No	名称 Name	材料 Material	备注 Remarks
1	外框	50mm厚彩钢墙	手工板/机制板
	Frame	Color plate wall, thinkness: 50MM	Hand made /machind made panel
2	视窗	50mm厚钢化双层中空玻璃	与彩钢板平整
	Window	5MM double hollow glass of steel	Even with the panel
3	安装 Installation	中字铝/铝槽 shaped aluminum /trough aluminum	

备注: 具体尺寸可根据客户需求定制。 Remark: The specific size can be customaised according to customer's requuirment.

# **DRYING CHANNEL INSULATION**

烘道保温

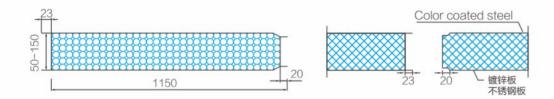
- 51 窑炉板 Rock wool oven insulation panel
- **52** 节点图 Node diagram



### 窑炉板

镀锌板压筋





### 产品规格

常规厚度: 50mm, 75mm, 100mm, 125mm, 150mm

有效宽度: 1150mm

常规长度: 按用户需要及工程要求而定尺寸生产

面板厚度: >0.5mm

### 产品特征

彩钢岩棉窑炉板因在工厂中通过自动化设备将岩棉和钢板复合成一个整体,从而改变了以往炉板需人工现场复合的方式,在满足建筑物保温隔热,隔声,防火等要求的前提下,更达到了优质、高效、可靠、安全的目标。该产品在涂装设备中的应用,已成熟完善。

### 面板种类

镀锌板、不锈钢板、彩钢板。 芯材: 岩棉(容重为60-130kg/m³)

### 产品应用

岩棉窑炉板作为涂装设备的配套产品,广泛适用于防火和保温要求高的大、中型涂装流水线的烘干道、烤箱、烤炉、烤漆房、隧道炉等。

#### Specification

Regular thickness: 50mm, 75mm, 100mm, 125mm, 150mm

Effective width: 1150mm

Regular length: it depends on the project requirement

andtransportation condition

The plate thickness: >0.5mm

### Characteristics

Rock wool tunnel fumace panel can be combined into a whole withrock wool and plate bythe automatic equipment nowadaysthuschange the situation of manually assembling on spot asbefore, on the premise of good fireproof and sound insulation, itachieveshigher quality, more reliability, more safety, The applicationin coating filed is coming mature.

### Plate type

Plate type: Galvanized steel plate, Stainless steel plate, Color steel plate

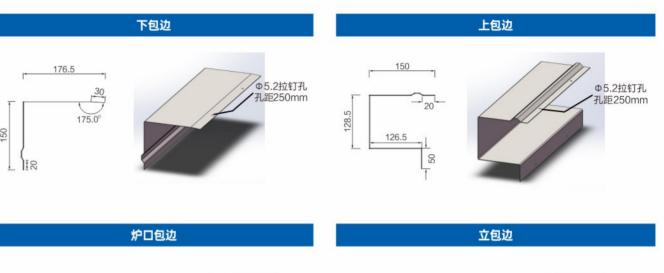
Core material: rock wool (density is 60 130kg/m³)

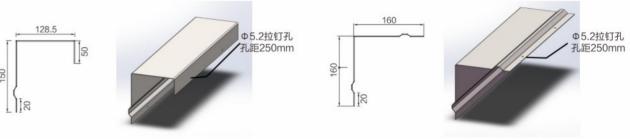
#### Applications

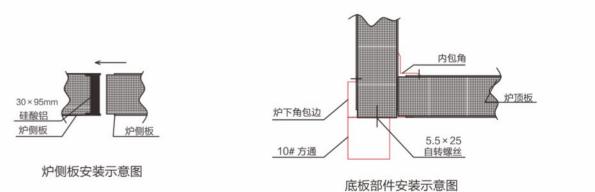
Widely in used big, medium-sized coating line, drying room, oven, baking room, tunnel furace as the coating equipmentsupporting.

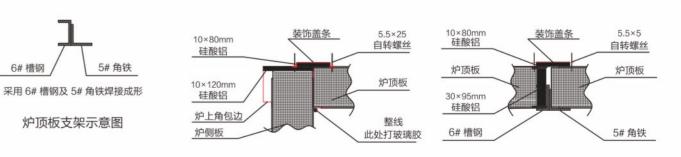
### Node diagram

### 节点图









炉顶板部件安装示意图

51

# **PUNCHING NOISE REDUCTION**

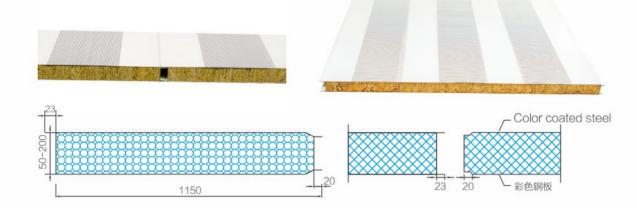
冲孔消音

- 55 三排孔消音板 Three row hole silencing plate
- 56 满孔消音板 Full punching silencer



Three row hole silencing plate

### 三排孔消音板



### 产品规格

屋面板型号: 950公母口型, 1050咬口型(详见屋面板彩页)

墙板型号: 950型, 1150型

#### Specification

The roof panel type: 950 male and female joint,1050 Seaming over lapping joint (former pages).

The wall panel type: 950 male and female joint, 1150 male and female joint.

### 产品特征

良好的降噪性能是现代建筑个重要的考虑因素,通过改变保温芯材的品种以及表面钢板的冲孔处理,达到降低建筑物内外噪音的目的。

在吸音材料上有多种方案可供选择,例如岩棉、玻璃丝棉。改变保温芯材的品种和密度,以降低引发在金属表面的碰撞噪声,通过芯材降噪的隔音棉来抑制共振产生的噪声。

通过在金属钢板上有规律的穿孔和板材内的吸音材料的结合,产生不同的吸音效果。通过实验,这种降噪效果依据外源噪音的频率和芯材的厚度,产生不低于29分贝的降噪效果。

#### Characteristics

Good noise absorption performance is an important factor for modern architecture, it can reduce the noise of the inside and outside of the buildings through the punching process on the surface of steel plate or changing the insulating core material. The optional soundabsorbing material, such as rock wool, glass wool. Change the core material type and density to reduce noise caused by the collision of metal surface.

Through the experiment, the effect of noise reduction depends on the noise frequency and the core material thickness. By both changing the sound-absorption material and punching on the plate can reduce more than 29DB.

### 板面冲微孔处理

微孔直径2.5mm,微孔中心孔距5mm,并成60度角排列。

#### Punching holes processon the surface of the panel

The hole diameter is 2.5mm, hole distance is 5mm, and a 60degree angle arrangement.

### 吸声参数图表 Sound absorption parameter chart

频率(赫兹)	50mm岩棉夹芯板	100	125	160	200	250	315
9×4-(99) 44)	50mm玻璃丝棉夹芯板	0.34	0.39	0.6	0.83	0.78	0.57
吸声系数	3011111923401=[1177/11/02	0.71	0.78	0.71	0.03	0.70	0.57
频率(赫兹)	50mm岩棉夹芯板	400	500	630	800	1000	1250
吸声系数	50mm玻璃丝棉夹芯板	0.98	1.11	1.18	0.97	1.3	0.97
<b>W</b>		0.98	0.90	0.98			
频率(赫兹)	50mm岩棉夹芯板	1600	2000	2500	3150	4000	5000
吸声系数	50mm玻璃丝棉夹芯板	0.88	0.90	0.9	0.97	1.02	1.11
<b>蚁</b>		0.99	1.08	1.08			

#### 参数说明:

- 1. 隔音测试环境20℃,湿度50%,吸声测试环境为14℃,湿度50%。
- 2. 参数均为50mm(冲孔)夹芯板实验测试数据。
- 3. 采用混响法测得的吸声系数会大于1, 因为吸收的能量波是多次叠加的结果。

→ 玻璃丝棉冲孔夹芯板-吸声系数

岩棉冲孔夹芯板-吸声系数

### Full punching silencer

### 满孔消音板

#### 特点 Features

满孔消音板作为机制消音板的补充,冲孔率可达到100%,外观更美观,在工业房消音中具有更广阔的前景,消音效果的好坏,取决于噪音的频率大小,理论上按平均值100mm内置岩棉可产生不低于29分贝的降噪效果。为了提高隔音效果,可增加墙板的厚度和吸音棉的密度来实现,而在实际操作中,往往通过多层消音板叠加,内置空腔的布局来实现,比如发电机组等,同时也会带来很多缺点:

- 1. 墙板越厚, 占用空间就越多。
- 2. 墙板越重,安装越困难;还需要考虑楼层是否承受的问题。
- 3. 墙板越厚越重,生产墙板用到的原材料越多,墙板价格越高,安装费用也就越高,导致最后工程的综合造价越高。

As a supplement to the mechanical sound-absorbing board, the full hole sound-absorbing board can achieve a punching rate of 100% and has a more beautiful appearance. It has a broader prospect in industrial room soundproofing. The quality of the sound-absorbing effect depends on the frequency of the noise. In theory, an average of 100mm with built-in rock wool can produce a sound-absorbing effect of no less than 29 decibels. In order to improve the sound insulation effect, the thickness of the wall panel and the density of the sound-absorbing cotton can be increased. However, in practical operation, it is often achieved by stacking multiple layers of sound-absorbing panels and laying out built-in cavities, such as in generator sets, which also brings many disadvantages:

- 1. The thicker the wall panel, the more space it occupies.
- 2. The heavier the wall panel, the more difficult it is to install; We also need to consider whether the floor can withstand it.
- 3. The thicker and heavier the wall panels, the more raw materials are used to produce them, and the higher the wall panel price, the higher the installation cost, resulting in a higher overall project cost.

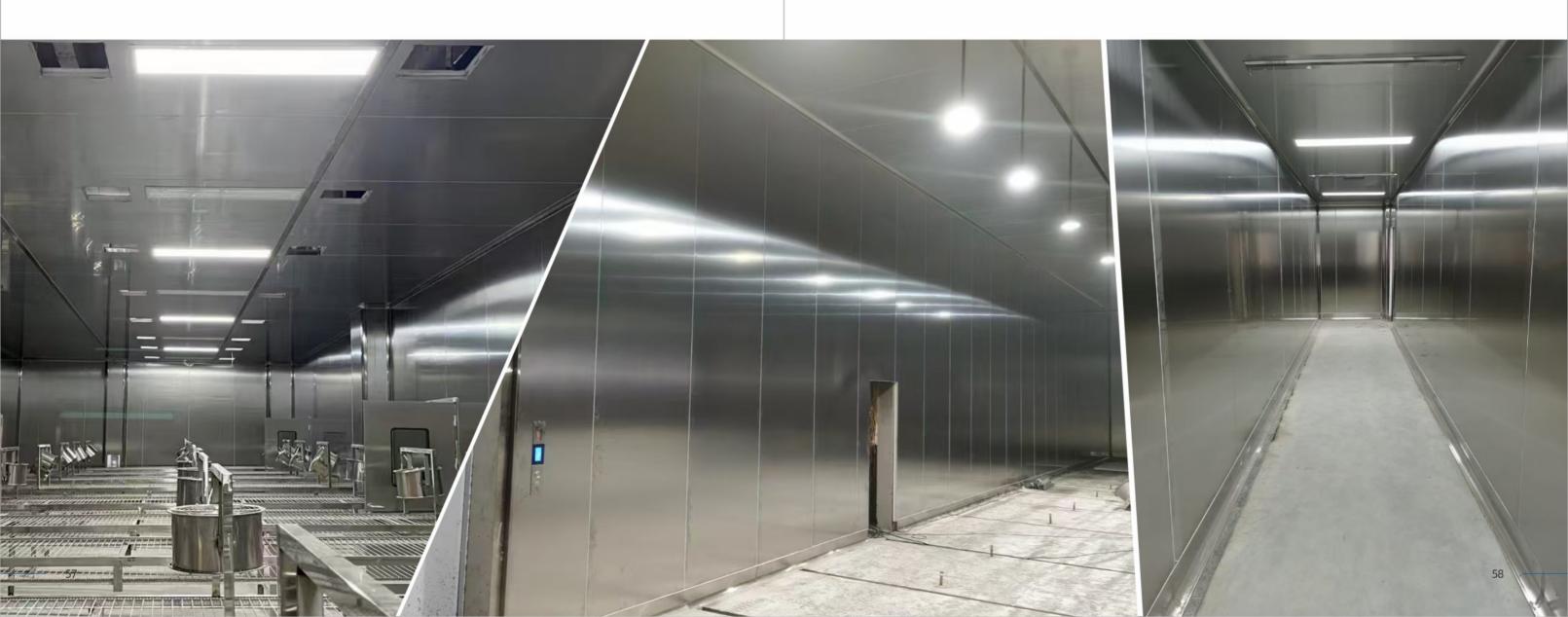




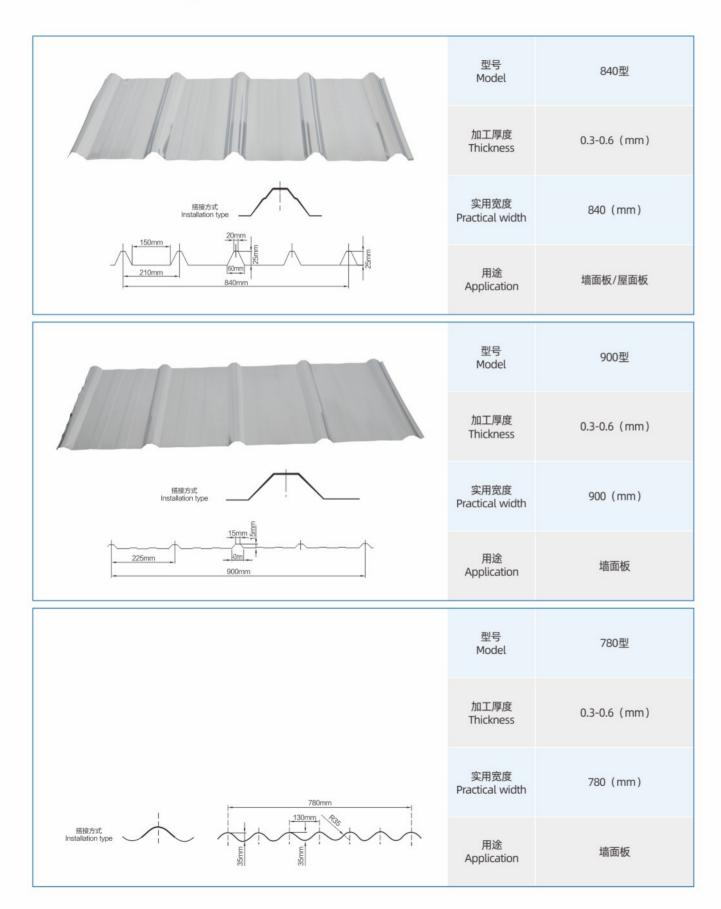
# **STAINLESS STEEL SERIES**

不锈钢系列

- **59** 不锈钢单瓦系列 Stainless steel series
- **61** 不锈钢夹芯板系列 Sandwich panel series



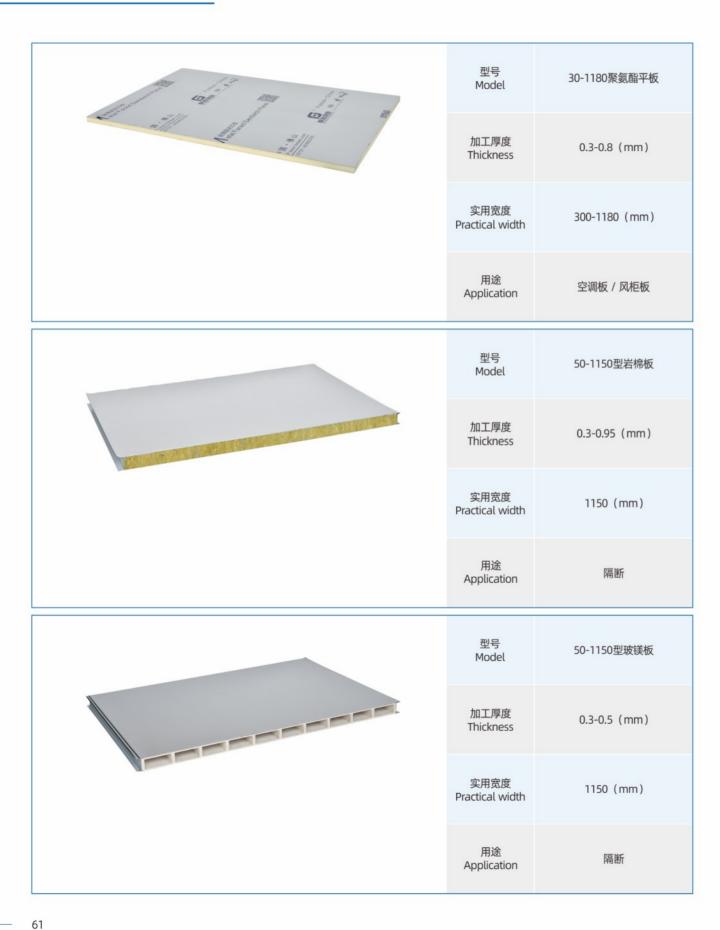
### 不锈钢单瓦系列



### 不锈钢单瓦系列

	型号 Model	820型
- Rostal Self Hook	加工厚度 Thickness	0.3-0.55 (mm)
安装文架 Fastner  搭接方式 Installation type	实用宽度 Practical width	820 (mm)
410mm 46mm	用途 Application	屋面板
	型号 Model	760型
	加工厚度 Thickness	0.3-0.55 (mm)
安装支架 Fastner Fastner Fastner	实用宽度 Practical width	760 (mm)
140mm 760mm	用途 Application	屋面板
	型号 Model	478型
咬合 Self-lock 760#給扣座	加工厚度 Thickness	0.3-0.55 (mm)
14mm 据接方式 Installation type 21mm 10gg	实用宽度 Practical width	478 (mm)
70mm   70mm   356mm   478mm	用途 Application	屋面板

### 不锈钢夹芯板系列



### 不锈钢夹芯板系列

型号 Model	30-1050锡纸瓦
加工厚度 Thickness	0.3-0.5 (mm)
实用宽度 Practical width	1150 (mm)
用途 Application	屋面板
型号 Model	50-1050岩棉瓦
加工厚度 Thickness	0.3-0.5 (mm)
实用宽度 Practical width	1150 (mm)
用途 Application	屋面板
型号 Model	50-950岩棉瓦
加工厚度 Thickness	0.3-0.5 (mm)
实用宽度 Practical width	1150 (mm)
用途 Application	屋面板

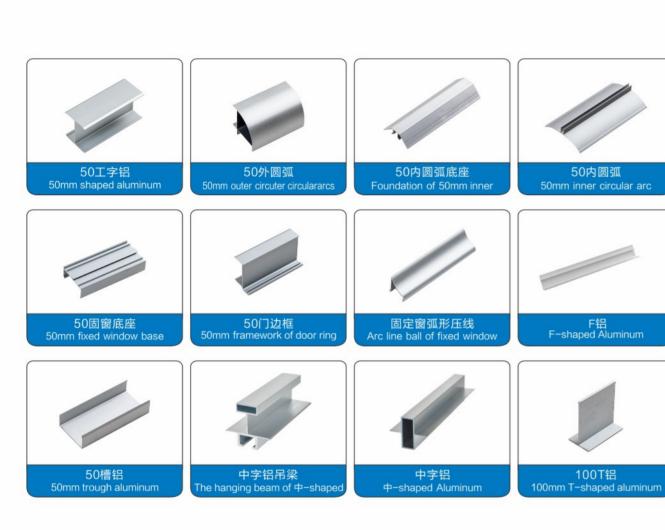
## **CLEAN ALUMINUM MATERIAL**

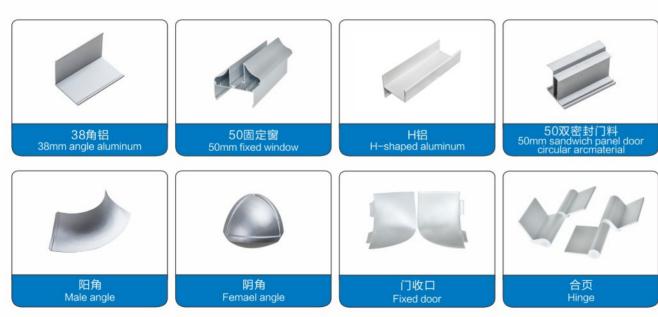
洁净铝材

- 65 净化铝材 Purified aluminum
- 66 铝材安装示意图 Aluminum Installation Diagram
- 67 成品门料 Finished door material
- 68 成品彩钢板 Finished color steel plate
- **69** 净化产品系列 Purification product series

Purified aluminum

## 净化铝材





Aluminum Installation Diagram

### 铝材安装示意图





Finished door material

## 成品门料









Finished color steel plate

## 成品彩钢板





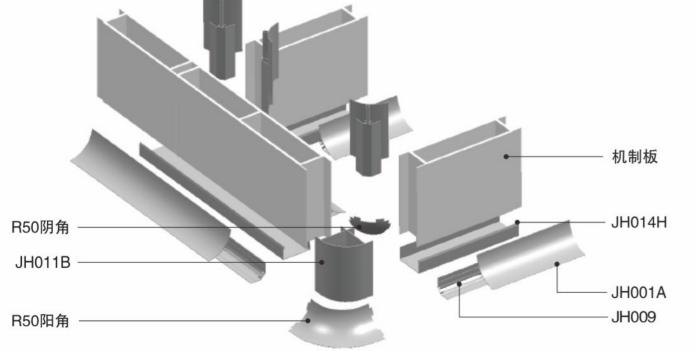




Purification product series

## 净化产品系列



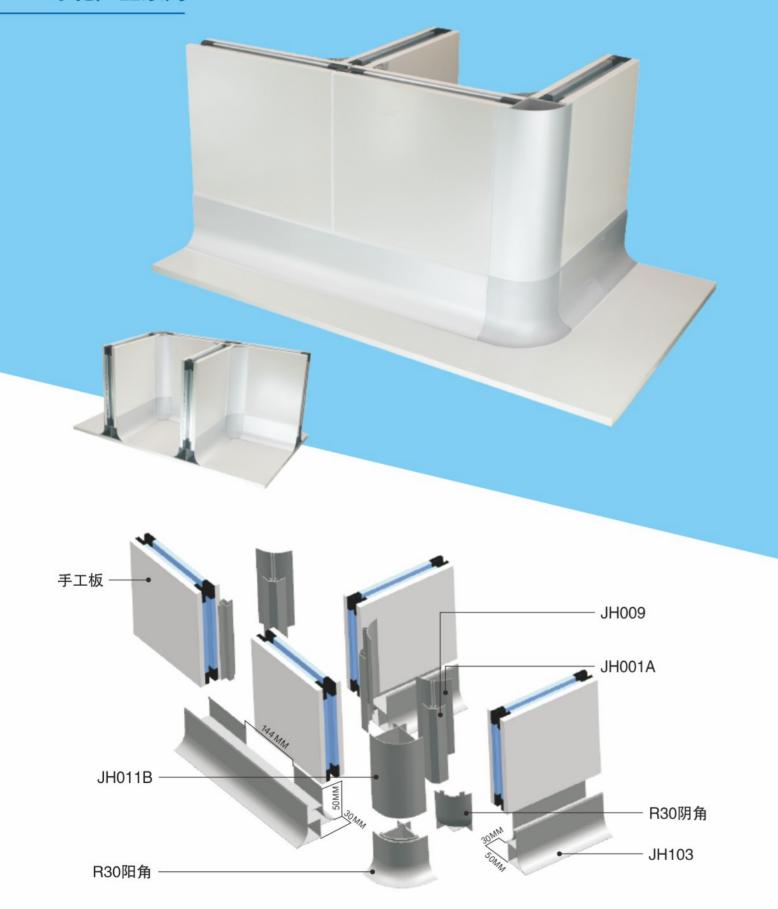


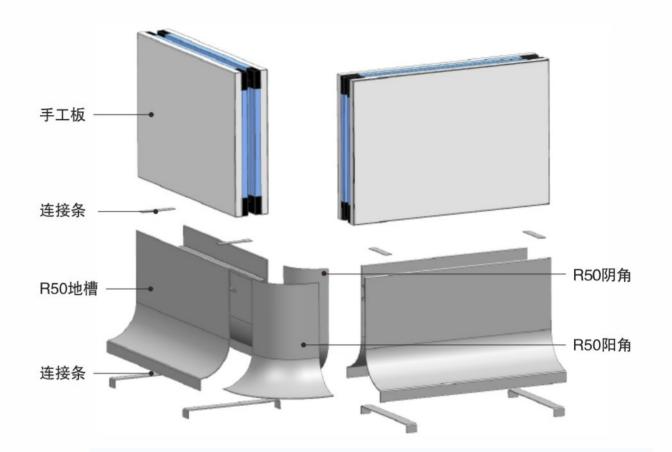
型号名称	图型		型号名称	图型	壁 厚мм
JH014H	49.8	0.8	JH009	44.5	0.8
JH011B	49.6	1.0	R50阴角		
JH001A	63.9	0.7	R50阳角		

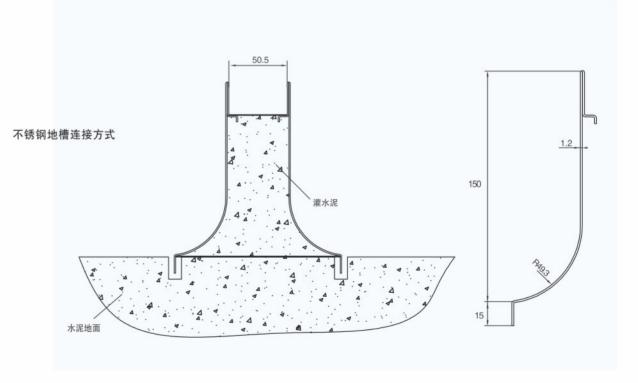
注:产品实际重量可能有所差异,请根据需要订货,实际重量以过磅的重量为准!

Purification product series

## 净化产品系列







注:产品实际重量可能有所差异,请根据需要订货,实际重量以过磅的重量为准!

### 保温型

### ▶聚苯乙烯 (性能参数)

名称	单位	参考值
容重(密度)	kg/m³	≥8
导热系数 λ	w/m.k	≤0.045
吸水率	kg/m²	≤2
水蒸气透温系数	w/m.k	< 4.5
尺寸稳定性	%	<b>≤</b> 3
燃烧性能等级	级	B2级



### ▶挤塑(性能参数)

名称	单位	参考值
容重(密度)	kg/m³	≥38
导热系数 λ	w/m.k	≤0.028
吸水率	kg/m²	≤1.5
水蒸气透温系数	w/m.k	<3.5
尺寸稳定性	%	€2
燃烧性能等级	级	B2级

### ▶聚氨酯 (性能参数)

名称	单位	参考值
容重(密度)	kg/m³	≥38
导热系数 λ	w/m.k	≤0.024
抗压强度	Mpa	≤0.2
闭孔率	%	≥90%
吸水率	kg/m²	≤0.2
不透水性	min(0.5pa)	保持时间≥30
尺寸稳定性	%	≤0.2
燃烧性能等级	级	B2级





### 防火型

### ▶玻璃丝棉 (性能参数)

An The	× /-	<b>分本</b> 体
名 称	单位	参考值
容重(密度)	kg/m³	≥45
纤维平均直径	h W	<b>≤</b> 8
热荷重收宿温度	℃	480
导热系数	w/m.k	0.042
吸湿率 (重量比)	%	0.3
燃烧性能等级	级	A级

## 防火型

### ▶玻镁 (性能参数)

名称	单位	参考值
容重(密度)	kg/m³	≥850
导热系数 λ	w/m.k	≤0.216
吸水率	kg/m²	<b>≤</b> 8
湿涨率	%	≤0.6
抗折强度	Mpa	> 16
抗冲击强度	kj/m²	> 5.5
燃烧性能等级	级	A1级



### ▶岩棉 (性能参数)



名称	单位	参考值
容重(密度)	kg/m³	≥60-150
纤维平均直径	μM	5
<b>渣球含量</b>	%	€4
导热系数 λ	w/m.k	0.041
吸湿率(重量比)	%	<1
溶化温度	%	≤5
老化膨胀率	°C	>1000
燃烧性能等级	级	A级

### ▶硫氧镁(性能参数)

名称	单位	参考值
容量(密度)	kg/m²	17
纤维平均直径	w/m.k	≤0.07
渣球含量	级	AQ1
导热系数 λ	kN/m²	≥4.16
吸湿率(重量比)	db	32
溶化温度	级	A1



### 面材分类

### 彩涂钢板 Colored steel

在钢板上涂上有机涂料,表面衬以不同的颜色,俗称彩板。其基板可以分成冷轧基板、热镀锌基板、电镀锌基板和热镀铝锌基板。面漆涂层种类可以分成:聚酯、硅改性聚酯、高耐久性聚酯和偏聚氟乙烯等,其颜色有多种。彩涂板表面状态分成涂层板、压花板、印花板。用作金属夹芯板表面的钢板还有不锈钢板、铝板和植绒钢板等,常用厚度范围在0.3mm 0.8mm。

### 涂料性能

### ■ 聚酯 (PE)

附着力良好,在成型性和室外耐久性方面范围较宽,耐化学药品性中等。使用寿命7-10年。

#### ■ 硅改性树脂 (SMP)

涂膜的硬度、耐磨性和耐热性良好,以及良好的外部耐久性和不粉化性,光泽保持性和柔韧性有限。使用寿命10-15年。

### ■ 高耐候聚酯 (HDP)

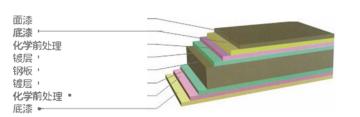
抗紫外线性优良,具有很高的耐久性,其主要性能介于聚酯和氟碳之间。使用寿命10-12年。

#### ■ 聚偏氟乙烯 (PVDF)

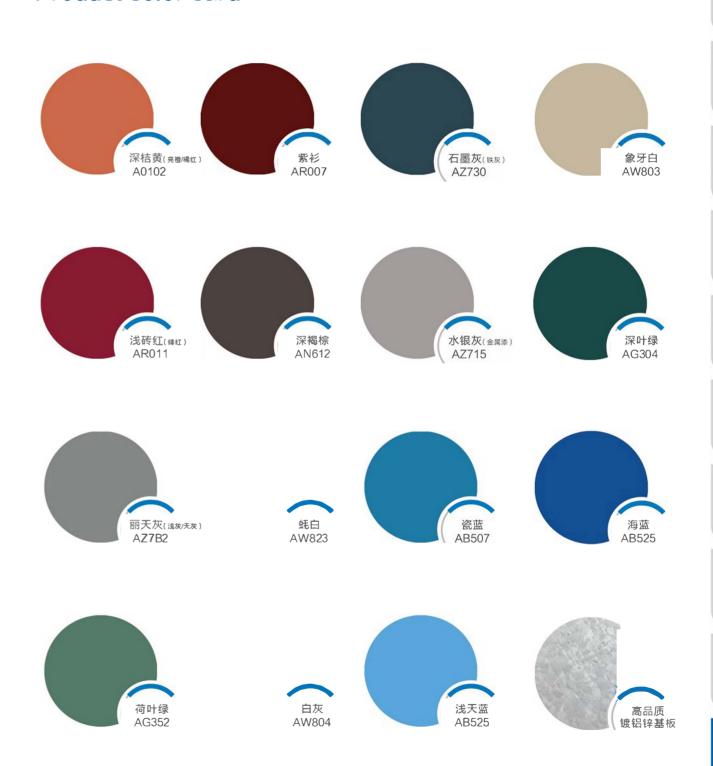
具有良好的成型性和颜色保持性、优良的室外耐久性和粉化性、抗溶剂性, 颜色有限。使用寿命20-25年。

### 通常我们会特别关注彩色涂层钢板的下列性能

- 涂层类型和涂层厚度 (ASTM D1186)
- 铅笔硬度(ASTM D3363)及光泽度(ASTM D523)
- T弯试验 ( DCCA 11-19 ) 及反向冲击性能 ( ASTM D2794 )
- 机械性能(屈服强度、抗拉强度、延伸率)
- 抗腐蚀(盐雾)性能(ASTM B117)
- ■抗褪色、粉化性能
- 抗灰尘粘附性能



### 常用色系 Product color card



温馨提示: 印刷有色差, 应以实物为准!

