

机制彩钢夹芯板

Mechanism color steel sandwich panel

岩棉夹芯板

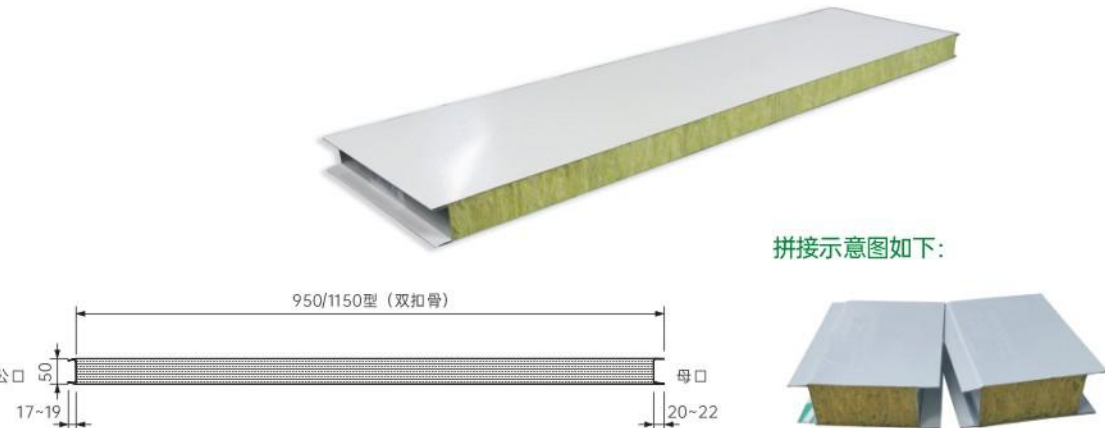
Rock wool sandwich panel

岩棉夹芯板适用于对防火有较高要求的工程。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，保证了岩棉夹芯板具有良好的承载能力。

Rock wool Sandwich Panel is applicable to project with fairly high demand upon fire protection. The rock wool fibers plum to the color steel plates. High density strip rock wool crisscross with the length of the color steel plates. All of this guaranteed the rock wool sandwich panel have a good bearing capability.

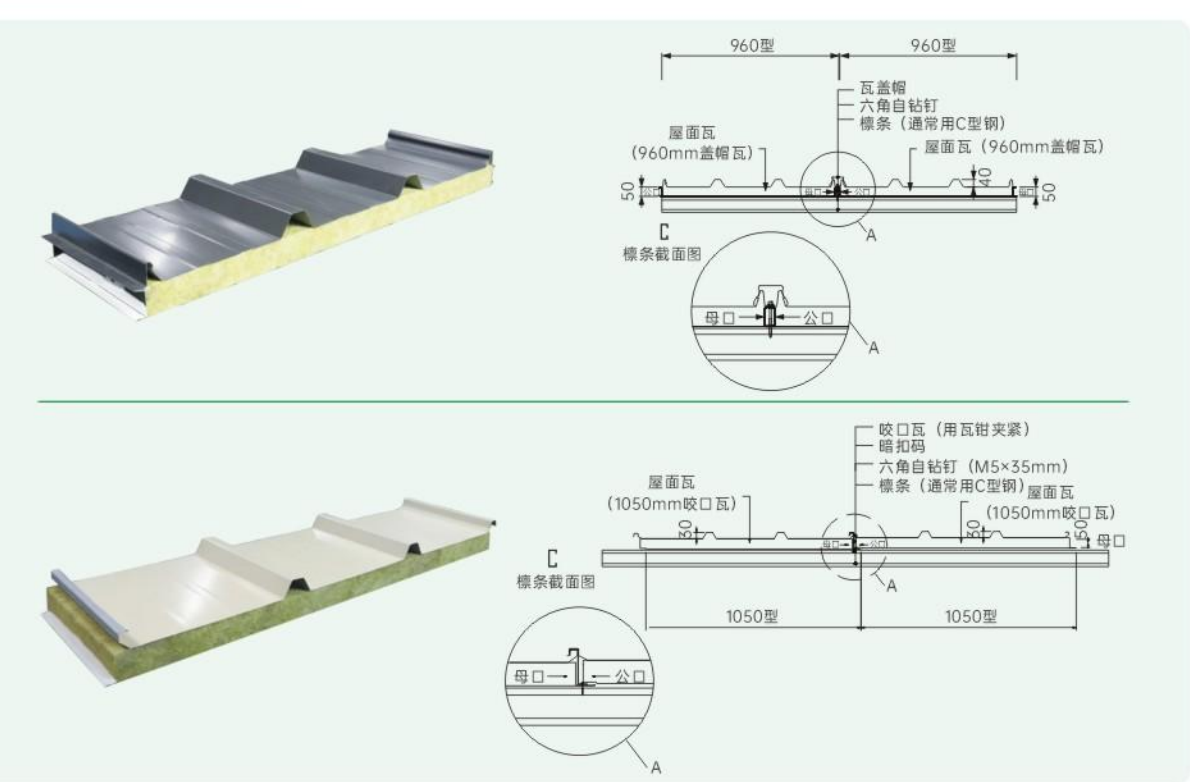
墙板（950/1150型）

Wall panel (Model 950/1150)



瓦板（960/1050型）

Roof panel (Model 960/1050)



特性

Features

- 防火：120分钟,有受天气影响
- 隔音：符合ISO717/82&UNI8270/7标准，尤其使用于隔音要求高的环境

应用

Application

广泛适用于：净化洁净厂房、组合房屋、楼顶加层、室内隔间、汽车烤漆房及冷冻保鲜库等工程。如：医药、电子、食品、饮料、蔬菜保鲜、大型冷库及民用建筑等内部装修使用。

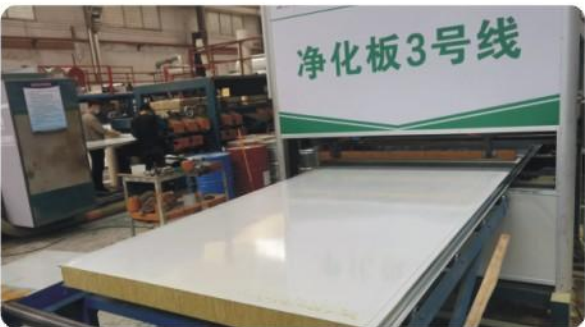
It is widely used in: Purifying factory, combined house, building top attachment, indoor partition, automobile painting room, refrigerator and other projects. E.g. Interior decoration of civil buildings for medicine, electronics, foodstuff beverage, vegetable preservation and large refrigerator etc.

参数

Parameter

岩棉夹芯板对噪声传达有显著的削减作用，特别适用对噪声有较高要求的地方。另外，采用岩棉屋面板后，雨水、冰雹对建筑物屋面板冲击面引起的室内声响，也明显减弱通过测试，按照ISO 717/82和UNI8270/7标准，选用密度为105kg/m³岩棉作芯材的50-100mm厚夹芯板隔声效果可达到RW=29-30dB。岩棉芯材非燃烧材料，故岩棉夹芯板具有超过700℃耐火能力。

Rock wool sandwich panel has a good feature in noise reduction, specially suitable for the place where is high requirement in the sound-insulation. Via testing according to ISO 717/82 and UNI8270/7 standards, selecting the rock wool which with the density 105kg/m³ and the thickness 50 - 100mm as the core, the sound coefficient will achieve RW=29-30dB. Excellent fire resistance: the ability of the fire-proofing of the rock wool sandwich panel is over 700°C for the rock wool is the non-fire material.

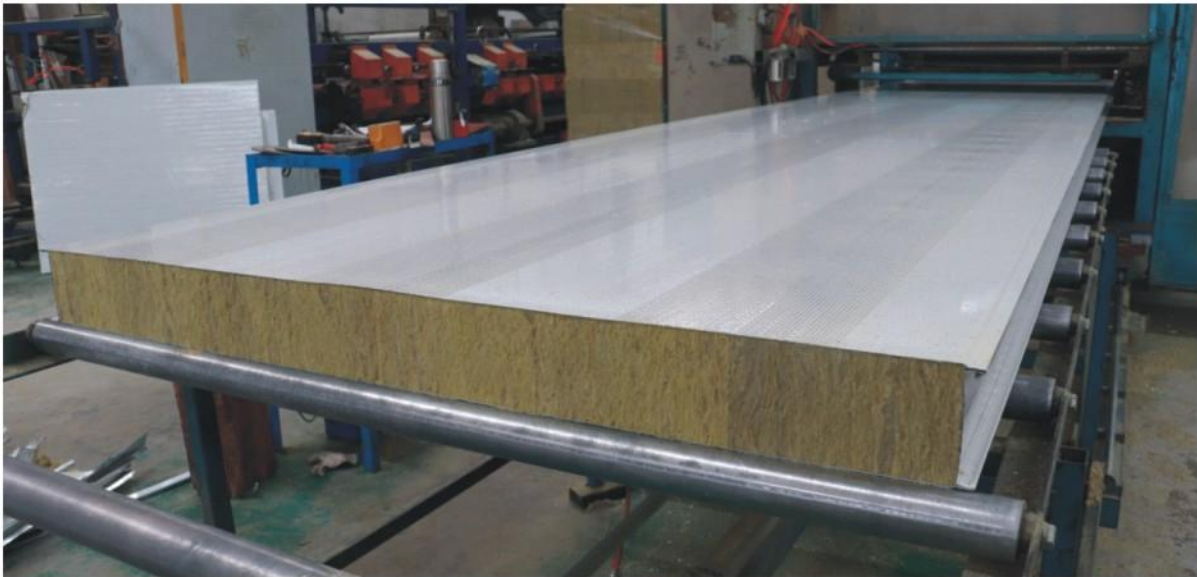


机制彩钢夹芯板

Mechanism color steel sandwich panel

岩棉冲孔吸音板

Rock wool sound absorbing panel



接口优点

Connection advantages

企口型配节，安装便捷
Tongue and groove connection, convenient installation



参数

Parameter

- 宽度: 1150mm
 - 厚度: 50mm, 75mm, 100mm, 125mm, 150mm, 200mm
 - 长度: 长度可根据客户要求定制。
 - 岩棉密度: 80kg/m³, 100kg/m³, 120kg/m³, 140kg/m³
 - 其他: 可做单面冲孔, 或双面冲孔; 冲孔可做三排孔, 或全冲孔(冲孔宽度为950mm)。常规孔径2.5mm, 孔距5mm, 成60度角排列。
- Width: 1150mm

Thickness: 50mm, 75mm, 100mm, 125mm, 150mm, 200mm

Length: the length can be customized according to customer requirements.

Rock wool density: 80kg/m³, 100kg/m³, 120kg/m³, 140kg/m³

Others: Single side punching or double side punching; can make 3 rows of holes or full holes(width of holes is 950mm). Standard hole diameter 2.5mm, pitch row 5mm, arranged at an Angle of 60 degrees.

特性

Features

通过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。通过试验，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。

By changing the variety and density of the thermal core material to reduce the collision noise that initiates the surface of the metal surface, the noise generated by the core material noise reduction is suppressed. Different sound absorption effects are produced by combining the sound absorbing materials in the metal steel plate and the sound absorbing material in the panel. Through the experiment, this noise reduction effect produces no noise reduction effects not less than 29 decibels based on the frequency of foreign noise and the thickness of the core material.

应用

Application

吸音板的用途-阻隔声源
适用于厂房降噪隔音、机房隔声降噪、办公隔断、PCB车间隔声降噪

Purpose of sound-absorbing board - block sound source
It is suitable for noise reduction in workshop, diaphragm noise reduction in machine room, office partition, and PCB workshop



机制彩钢夹芯板

Mechanism color steel sandwich panel

聚氨酯夹芯板

Polyurethane sandwich panel

聚氨酯硬质泡沫是以异氰酸酯和聚醚为主要原料，在发泡剂、催化剂、阻燃剂等多种助剂的作用下，通过专用设备混合，经高压喷涂现场发泡而成的高分子聚合物。保温、隔热、节能(其导热系数低，仅0.022~0.033W/(m*K)，防火等级：B1级)

Polyurethane rigid foam is the main raw material of isocyanate and polyether as the main raw material, under the influence of foaming agent, catalyst, flame retardant, etc., through the special equipment mixed with high pressure spray on the field of polymer polymer. Thermal insulation, heat insulation, energy saving (the low thermal conductivity, only 0.022 ~ 0.033W/(m*K), fireproof grade: B1)



聚氨酯企口夹芯板

Polyurethane high quality sandwich panel

- | | |
|-----------------------------------|--|
| • 厚度: 50mm 75mm 100mm 125mm 150mm | Thickness: 50mm 75mm 100mm 125mm 150mm |
| • 宽度: 1150mm 950mm | Width: 1150mm 950mm |
| • 长度: 可根据客户的需求定尺生产 | Length: It can be produced according to the customer's needs |

应用

Applicationt

广泛应用于净化洁净厂房、组合房屋、冷冻冷藏保鲜库、室内隔断、汽车烤漆房等等。如：电子、医疗、食品、蔬菜保鲜、大型冷库及民用建筑等内部装修使用。

Widely used in purifying clean workshops, building houses, refrigerated fresh-keeping warehouses, indoor partitions, automotive paint booths, etc. Such as: The internal decoration of electronics, medical, food, vegetable preservation, large-scale cold storage, and civil buildings are used.



聚氨酯屋面夹芯板

Polyurethane roof sandwich panel



- | | |
|-----------------------------------|--|
| • 厚度: 50mm 75mm 100mm 125mm 150mm | Thickness: 50mm 75mm 100mm 125mm 150mm |
| • 宽度: 960mm 1050mm | Width: 960mm 1050mm |
| • 长度: 可根据客户的需求定尺生产 | Length: It can be produced according to the customer's needs |

应用

Applicationt

广泛应用大型跨度厂房、及钢结构工程。如：体育中心、影剧院、工业厂房、以及商务会议中心屋面等等。

Widely used in large-span factory buildings and steel structure projects. Such as: sports centers, theaters, industrial plants, and business conference center roofs and so on.



机制彩钢夹芯板

Mechanism color steel sandwich panel

EPS夹芯板

EPS sandwich panel

聚苯乙烯夹芯板(泡沫夹芯板)是一种新型建筑板材,是由外层两侧钢板和内层聚苯乙烯经全电脑控制彩钢成型机加压加湿并铺上高强度胶粘剂复合而成。

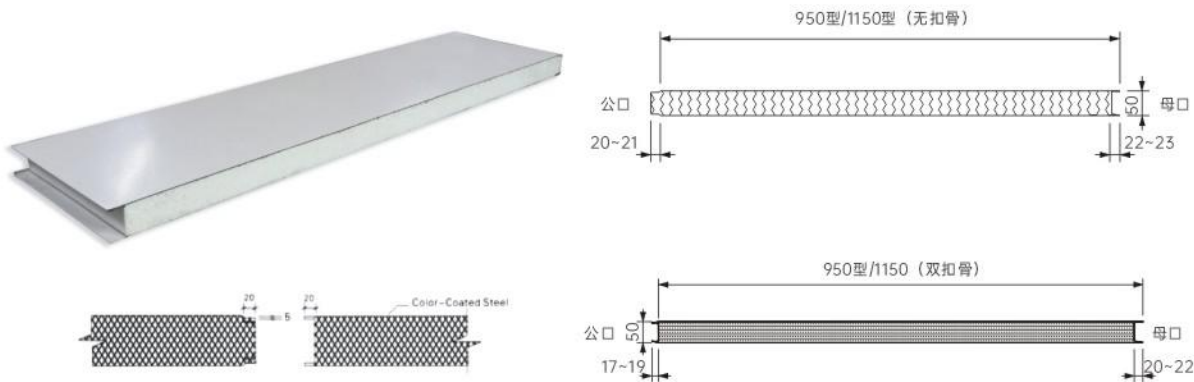
特点:自重轻, 8-20kg/m³, 安装方便, 施工周期短, 综合造价低, 承载力高, 整体刚度大, 强度高, 使用灵活, 板材长度可根据工程设计要求及安装运输条件确定。隔热、隔音、保湿性能良好, 平均导热系数入: 0.032千卡/米时度。

Polystyrene sandwich panel (EPS sandwich board) is a new type of construction panel which made of outer layers bothsides of prepainted steel coil and inner layer of polystyrene. Processing by computer-controlled color steel shapingmachine and covered with high-strength adhesive.

Characteristic: light weight, 8-20kg/m³, easy to install, short work cycle, lower cost, high-capacity, high-stiffness and intensity. Flexible for using, the length of panel is according to the project requirements and term of installation and transportation. Heat preservation and heat insulation, prevented sound pollution, High-performance characteristic of moisturixing, the average of thermal conductivity is 0.032kcal/m.

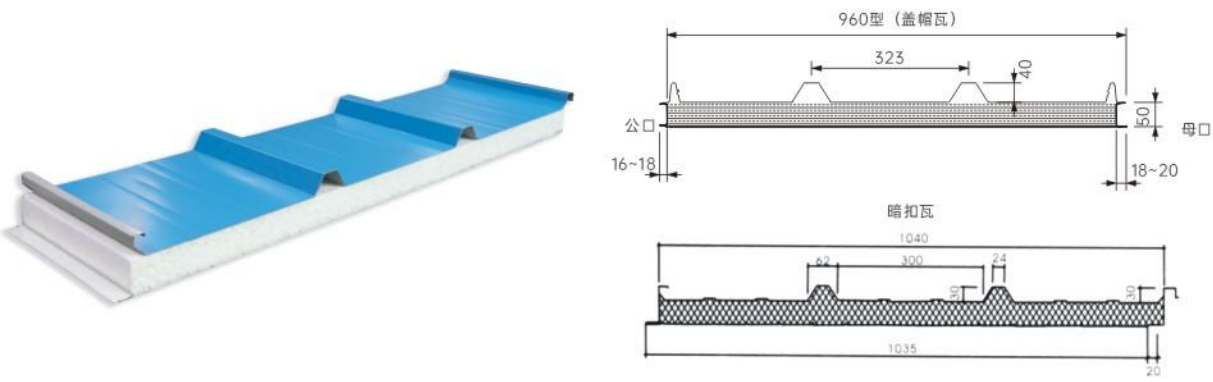
墙板

Wall Panel (Model 950/1150)



瓦板

Roof panel (Model 960/1050)



特性

Features

• 轻质: 8-20kg/m³	Light weight: 8-20kg/m³	• 隔热	Heat insulation
• 简易安装	Easy to install	• 隔音	Sound proof
• 安装周期短	short work cycle	• 防潮	Moisture proof
• 高荷载力	High load bearing capacity.	• 平均导热系数: 0.032kcal/m	Avg.Thermal cond activity:0.032kcal/m
• 长度: 根据运输限制要求	Lengths: As per requirement considering the transportation constraints	• 高强度	High strength

应用

Application

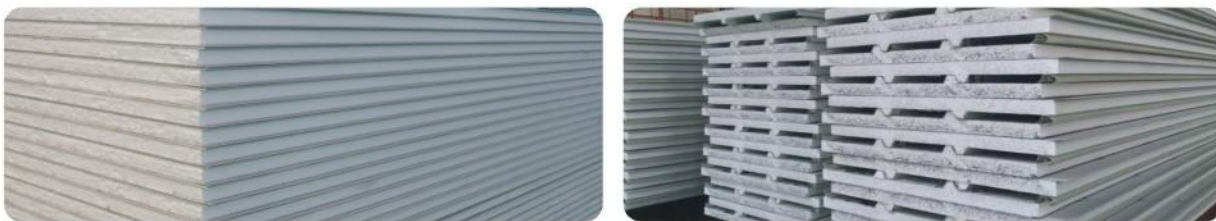
活动房屋, 钢结构, 仓库, 商业建筑, 室内、室外体育场, 冷库, 建筑&室内隔墙等。

Prefabricated house, Industrial sheds, Warehouses, Commercial complexes, indoor/Outdoor stadiums, cold storage, Building & Indoor Partitions Etc.

EPS夹芯板房跨度表(挠度≤L/240)

FORM of the spans of polystyrene sandwich panel house(Deformation controlled under L/240)

跨度 Span / m	厚度 Thickness / mm	50	75	100	150	200	250
荷载 Loading kg/m							
25		5.19	6.91	8.09	9.91	11.45	12.80
50		3.74	4.96	5.72	7.01	8.09	9.05
100		2.53	3.49	4.05	4.96	5.72	6.40
150		1.90	2.70	3.31	4.05	4.67	5.23
200		1.40	2.10	2.80	3.51	4.05	4.53
250		1.10	1.70	2.30	3.13	3.62	4.05
300		0.90	1.40	1.91	2.86	3.31	3.70

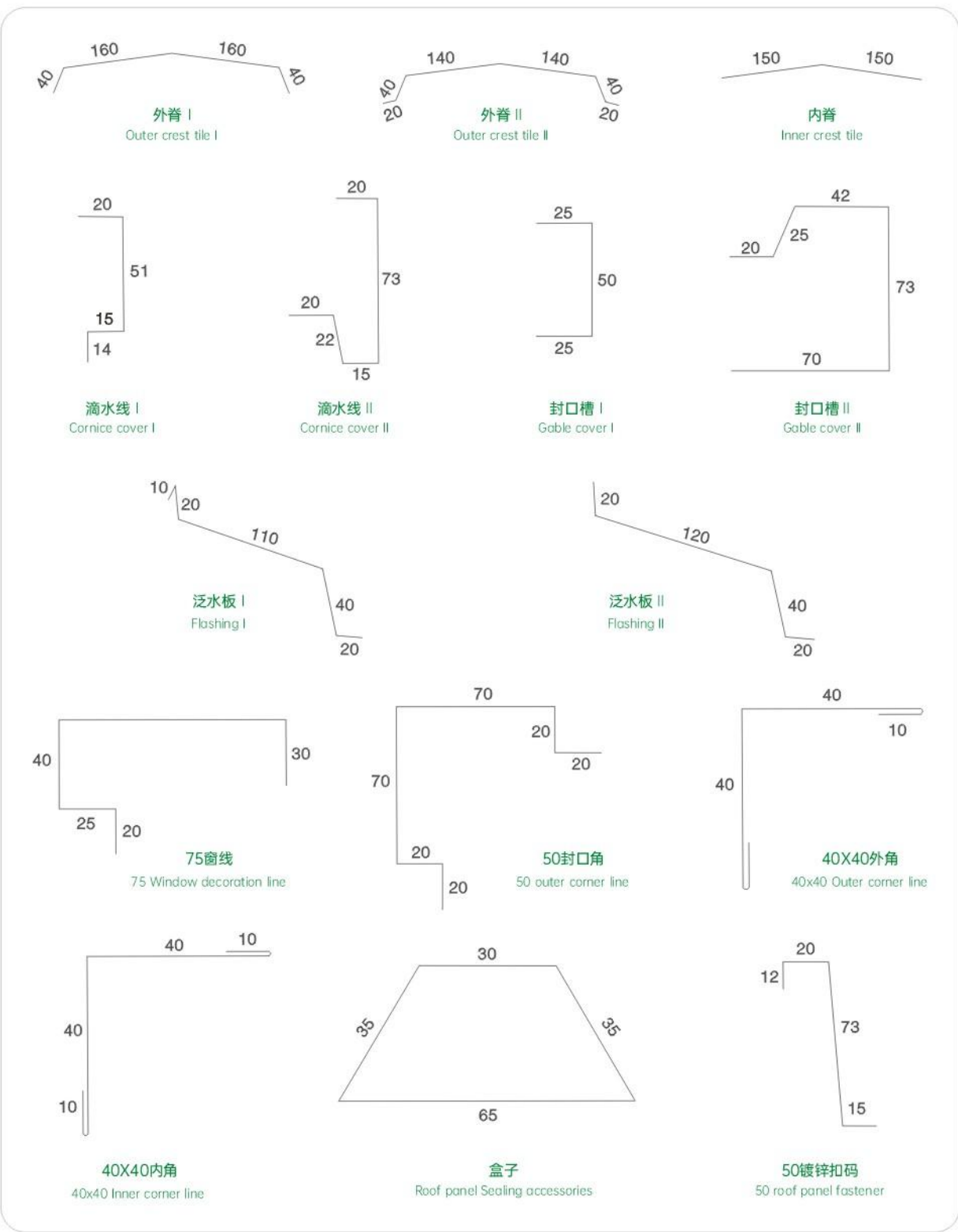


施工节点图解

Construction node diagram

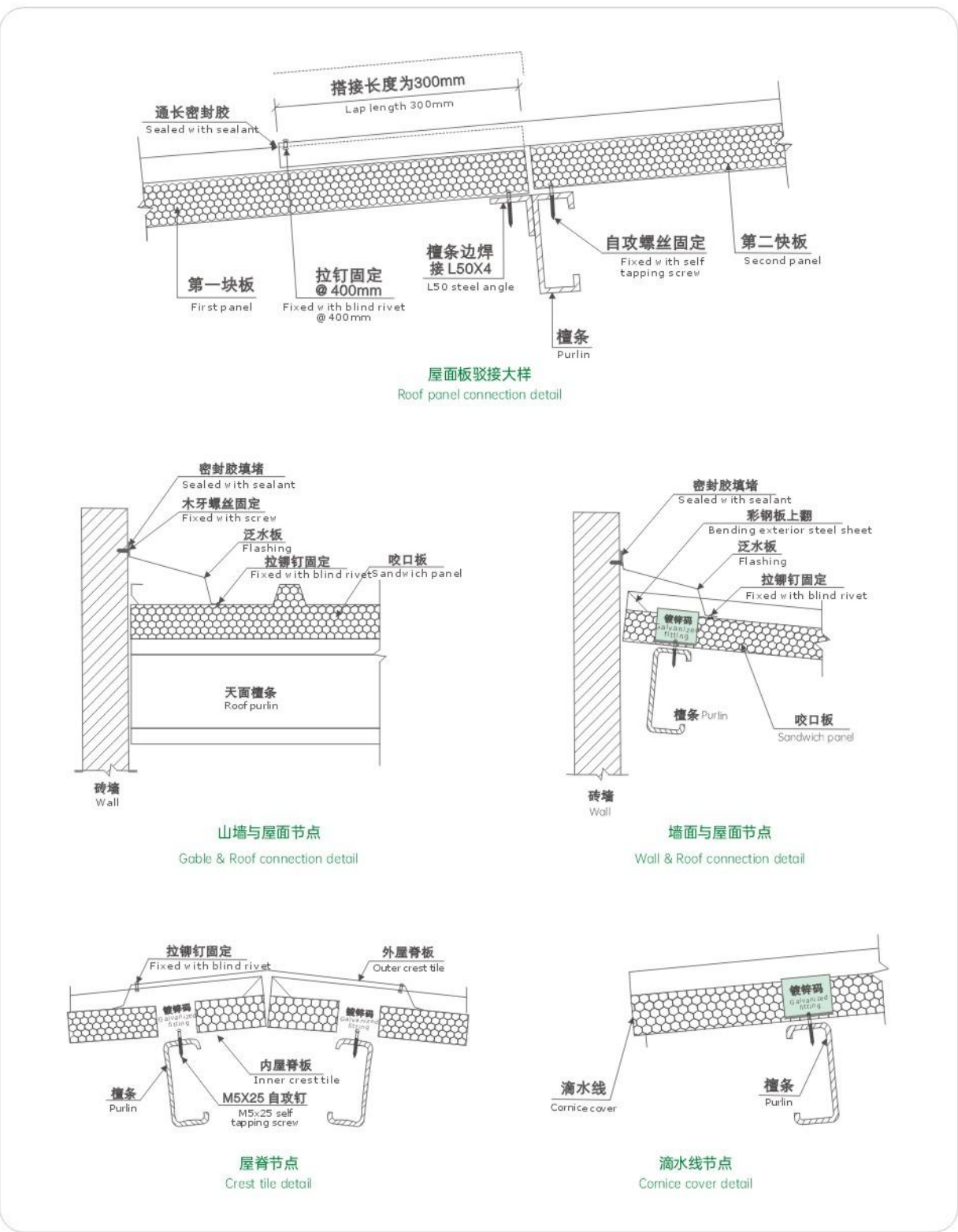
夹芯板配件图解

Sandwich accessories diagram



屋面板施工图解

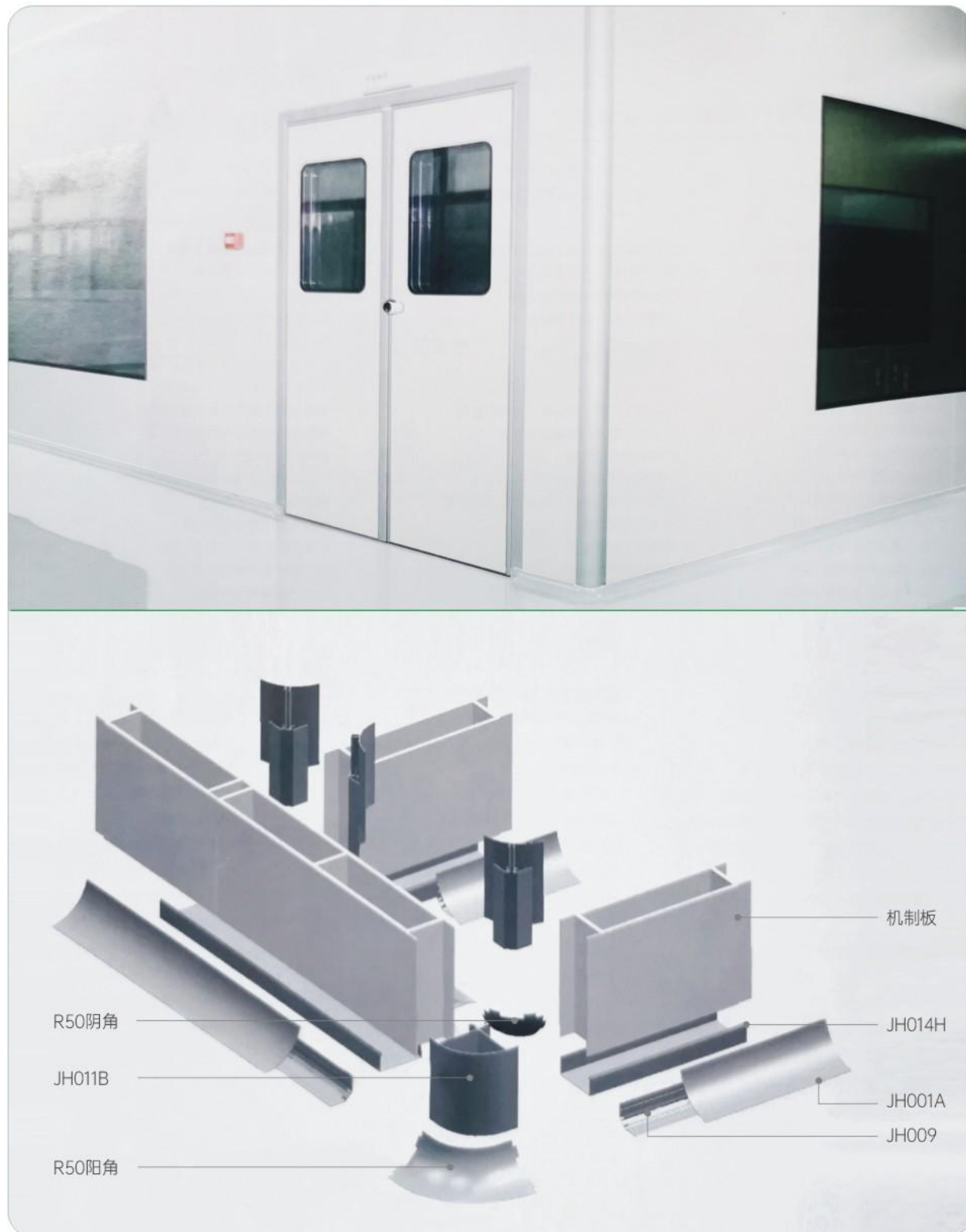
Roof panel installation diagram



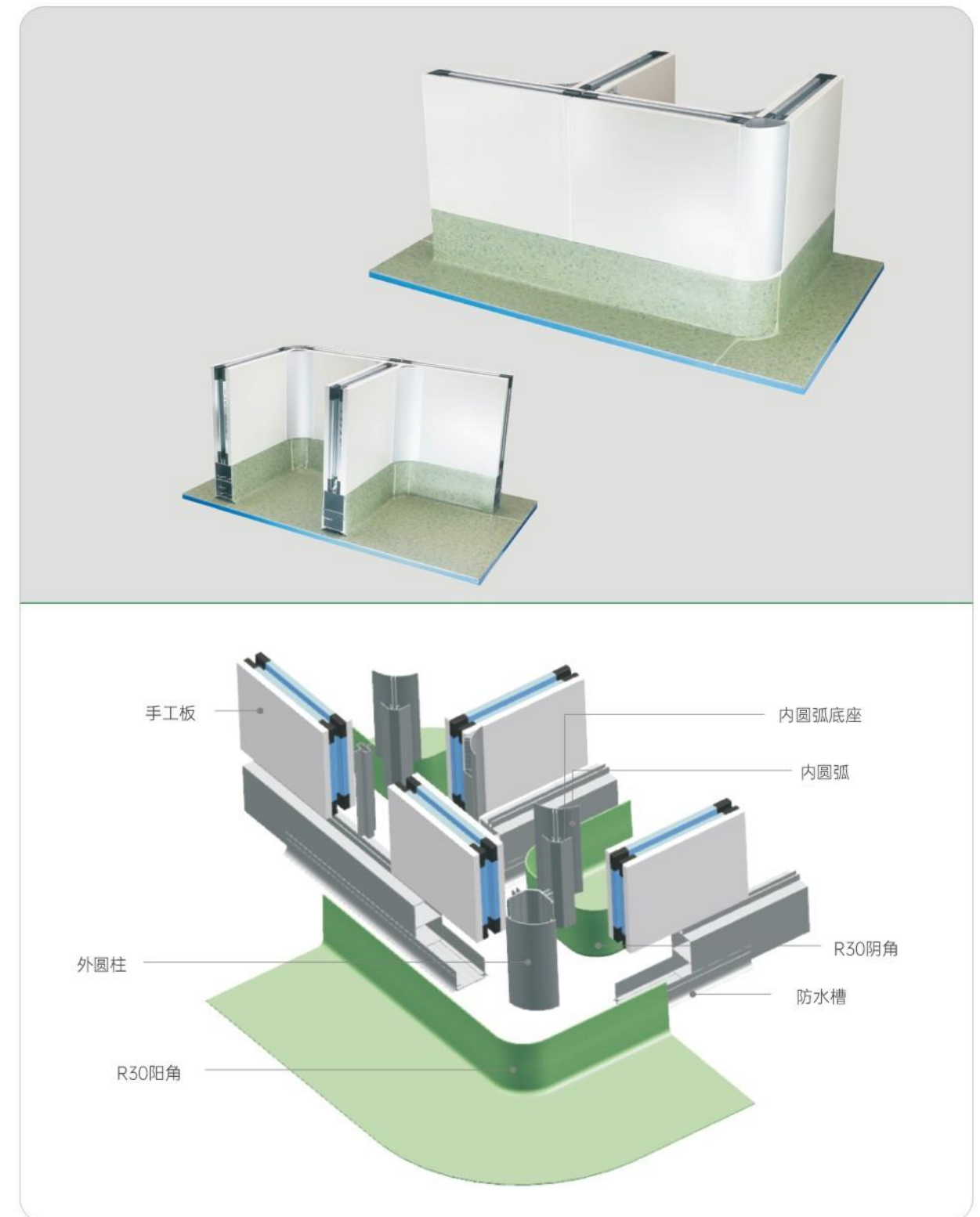
施工节点图解

Construction node diagram

机制板安装分解图 Breakdown diagram of mechanism board installation

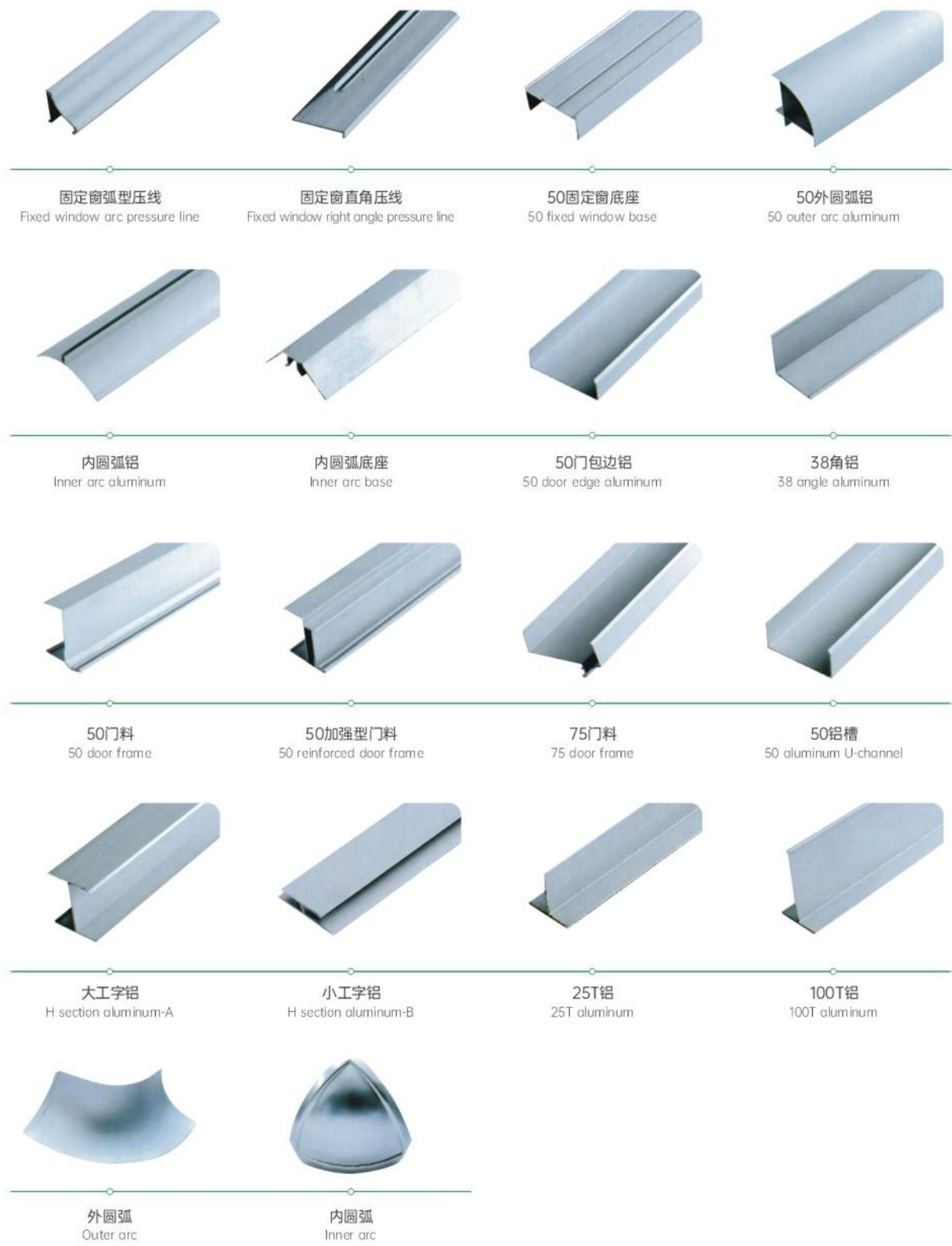


手工板安装分解图 Breakdown of handmade board installation



净化室铝材配件

Clean room aluninum materials



洁净门款式图 Clean door style drawing



钢制洁净门(手工板式) STEEL CLEAN DOOR

产品特点 Product features

产品适用于彩钢板墙体净化工程，实验室装修工程。钢制门材质为环保镀锌钢板，表面静电喷涂，颜色多种选择。门框门体均采用连体式制作方式，产品无缝拼接、无焊点，无死角，不积尘，易清洁。门体左右顶三面密封，底部选用自动升降密封装置，气密性强。防火耐用，内部填充高强度阻燃性芯材。采用高品质阻尼304不锈钢合页，开启轻便灵活。

技术参数 Technical parameters

标准尺寸	• 900×2100 • 1200×2100 • 1500×2100
门扇视窗	带弧型视窗/外方内圆视窗/方形视窗/条形视窗
门体填充	新型环保、隔音、隔热、防火材料
门锁	高档304不锈钢分体锁
合页	不锈钢脱卸合页/暗藏式合页
表面处理	氟碳漆、抗菌粉末静电涂层
可选配置	明装或暗装闭门器/互锁/门禁/百叶



钢制洁净门(机制板门套式) STEEL CLEAN DOOR

产品特点 Product features

产品适用于彩钢板墙体净化工程，实验室装修工程。钢制门材质为环保镀锌钢板，表面静电喷涂，颜色多种选择。门框门体均采用连体式制作方式，产品无缝拼接、无焊点，无死角，不积尘，易清洁。门体左右顶三面密封，底部选用自动升降密封装置，气密性强。防火耐用，内部填充高强度阻燃性芯材。采用高品质阻尼304不锈钢合页，开启轻便灵活。

技术参数 Technical parameters

标准尺寸	• 900×2100 • 1200×2100 • 1500×2100
门扇视窗	带弧型视窗/外方内圆视窗/方形视窗/条形视窗
门体填充	新型环保、隔音、隔热、防火材料
门锁	高档304不锈钢分体锁
合页	不锈钢脱卸合页/暗藏式合页
表面处理	氟碳漆、抗菌粉末静电涂层
可选配置	明装或暗装闭门器/互锁/门禁/百叶



钢制洁净门(机制板对夹式) STEEL CLEAN DOOR

产品特点 Product features

产品适用于彩钢板墙体净化工程，实验室装修工程。钢制门材质为环保镀锌钢板，表面静电喷涂，颜色多种选择。门框门体均采用连体式制作方式，产品无缝拼接、无焊点，无死角，不积尘，易清洁。门体左右顶三面密封，底部选用自动升降密封装置，气密性强。防火耐用，内部填充高强度阻燃性芯材。采用高品质阻尼304不锈钢合页，开启轻便灵活。

技术参数 Technical parameters

标准尺寸	• 900×2100 • 1200×2100 • 1500×2100
门扇视窗	带弧型视窗/外方内圆视窗/方形视窗/条形视窗
门体填充	新型环保、隔音、隔热、防火材料
门锁	高档304不锈钢分体锁
合页	不锈钢脱卸合页/暗藏式合页
表面处理	氟碳漆、抗菌粉末静电涂层
可选配置	明装或暗装闭门器/互锁/门禁/百叶

洁净门款式图 Clean door style drawing



气密自动平移门 AUTOMATIC DOOR

产品特点 Product features

产品采用自动专用电机，性能稳定可靠整体运行轻快安宁，隔音效果好。门体，自动机构接挂于墙体，安装简单快捷。门扇四周安装硅密封胶条，满足洁净要求。门体抗冲撞，抗脱轨；坚固厚实，防火耐用，内度填充高强度阻燃性芯材。采用电脑控制，能人性化控制门开关，具有防夹功能，能够预先设置多项运行参数(时间、速度).....运行安全得到保证，可实现手动控制，红外线感应、脚控、微波等多种方式开门。

技术参数 Technical parameters

标准尺寸	• 1200×1200 • 1500×2100 • 1800×2100
门扇视窗	带弧型视窗/外方内圆视窗/方形视窗/条形视窗
门体填充	新型环保、隔音、隔热、防火材料
门体表面处理	氟碳漆、抗菌粉末静电涂层
开门方式	手感应/脚感应/红外感应/微波感应
开门运行速度	250-450mm/s(可调)
闭门运行速度	250-450mm/s(可调)
电源电压	AC220V 50-60Hz



自由门 FREE DOOR

产品特点 Product features

金属自由门，撞击门融合了优越的机械性能，无论开与关都能轻松自如。设计独特的门铰，使门自由复合，机械磨损少，确保耐用。门板采用不锈钢材料，门体两侧佳防撞橡胶板，具有坚固，耐冲击，使用寿命长。外形简练美观，适用范围广。满足各种工况环境要求，如叉车、手推车作业。可进行有水作业并易于冲洗，应用广泛：食品加工、制药、零售业、邮政、超市、仓库。

技术参数 Technical parameters

标准尺寸	• 900×2100 • 1800×2100
材质	304不锈钢
门体视窗	带弧型视窗/外方内圆视窗/方形视窗/条形视窗

钢制医疗门 STEEL MEDICAL DOOR

产品特点 Product features

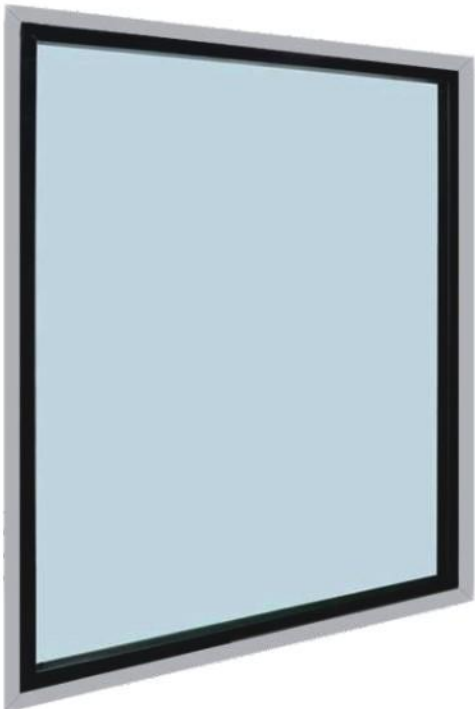
产品适用不同厚度的墙体。钢制门材质为环保镀锌钢板，表面静电喷涂，颜色多种选择。产品无缝衔接，简洁，美观，易清洁。门体左右顶三面密封，底部选用自动升降密封装置，气密性强。防火耐用，内部填充高强度阻燃性芯材。采用高品质阻尼304不锈钢合页，开启轻便灵活。

技术参数 Technical parameters

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门扇视窗	带弧型视窗/外方内圆视窗/方形视窗/条形视窗
门体填充	新型环保、隔音、隔热、防火材料
门锁	高档304不锈钢分体锁
合页	不锈钢脱卸合页
表面处理	氟碳漆、抗菌粉末静电涂层
可选配置	明装或暗装闭门器/互锁/门禁/百叶



中空洁净窗(机制板式) Clean window



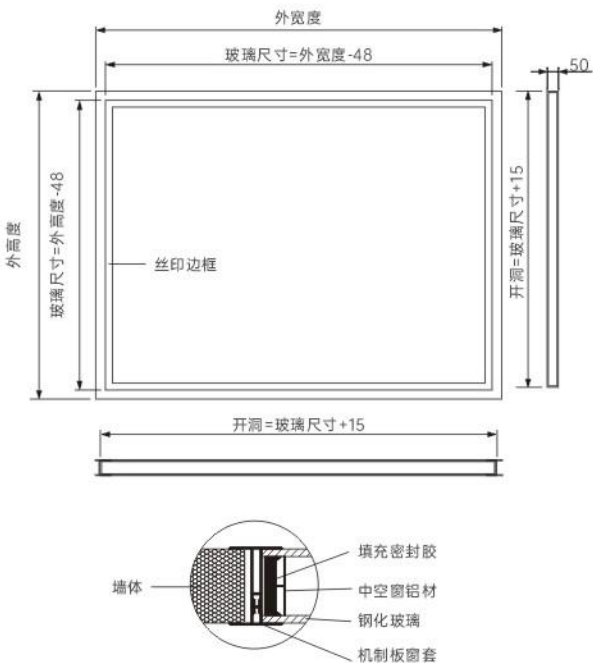
技术参数 Technical parameters

窗框材质	铝合金
玻璃窗	方形
玻璃性质	钢化玻璃/防火玻璃/防爆玻璃/调光玻璃
款式	直角喷涂内胆、直角不锈钢内胆、圆角不锈钢内胆

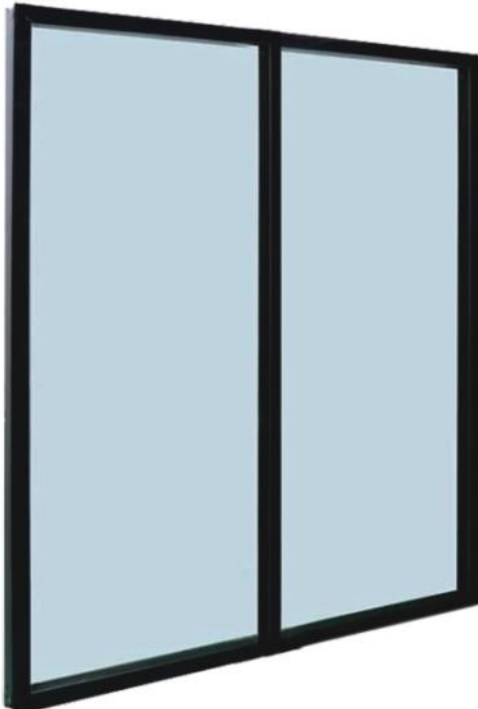
产品特点 Product features

- 1、产品适用于彩钢板墙体净化工程，实验室装修工程。
- 2、安装灵活，密闭性好，外表美观，隔音效果好。
- 3、窗框采用铝合金材质，玻璃为5mm钢化丝印双层玻璃。

结构示意图 Structural representation



中空洁净窗(手工版式) Clean window



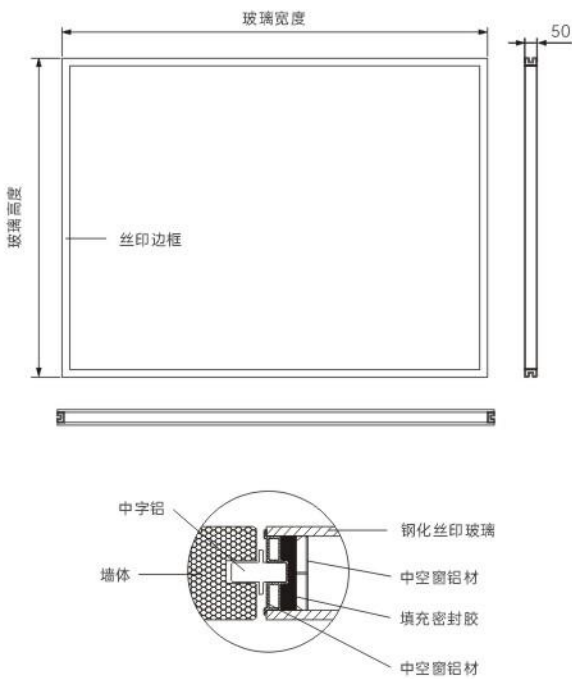
技术参数 Technical parameters

窗框材质	铝合金
玻璃窗	方形
玻璃性质	钢化玻璃/防火玻璃/防爆玻璃/调光玻璃
款式	直角喷涂内胆、直角不锈钢内胆、圆角不锈钢内胆

产品特点 Product features

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结构示意图 Structural representation



净化工程案例

Purification Engineering case

工程案例 Project case

拥有专业的设计团队

根据客户需求，提供合适的净化工程方案

配备高标准设备

德苏曼已为多家大型医院提供解决方案

Have a professional design team

According to customer needs, provide appropriate purification engineering solutions

Equipped with highly standardized equipment

DESUMAN to provide solutions for many large hospitals



应用领域 Applications

产品广泛应用于医疗卫生、生物制药、食品饮料、机械电子等行业

专注于为洁净室、医疗建设提供系统的解决方案

Products are widely used in medical and health,

Bio pharmaceutical, food and beverage, machinery and electronics industries

Focus on providing system solutions for clean room and medical construction

