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Aluminum Veneer
Aluminum Honeycomb Panel
Aluminum Ceiling System

Foshan Wonteroys Metal Co., Ltd.

CONTENTS

目录

关于 About

钣金生产设备	Sheet Metal Profiproduction Equipmentle
喷涂流程	Spraying Process

铝单板系列篇 Aluminum Veneer Series

氟碳喷涂铝单板	Fluorocarbon Spraying Aluminum Panel
平面有缝铝单板	Flat-seam Aluminum Veneer
平面无缝铝单板	Flat-seamless Aluminum Veneer
方型有缝包柱	The Square Seam Packet Column
方型无缝包柱	Square Seamless Packet Column
圆形有缝包柱	The Round Seam Packet Column
圆形无缝包柱	Round Seamless Packet Column
双曲铝单板	Double-curved Aluminum Veneer
室外冲孔板	Outdoor Punching Board
仿木纹铝单板	Imitation Wood Aluminum Veneer
仿石纹铝单板	Imitation Stone Aluminum Veneer
烤瓷铝单板	Porcelain Enamel Aluminum Veneer
古铜拉丝铝单板	Bronze Brushed Aluminum Veneer
铝窗花/屏风系列	Aluminum Grille / Screen Series
铝雕花板系列	Aluminum Carving Series
阳极氧化铝板	Anode Oxidation Alumimun Panel

铝蜂窝板篇 Aluminum Honeycomb Panel

铝蜂窝板	Aluminum Honeycomb Panel
铝蜂窝表面涂层	Honeycomb Panel Surface Painting
仿石材铝蜂窝板	Imitation Stone Honeycomb Panel
仿木纹铝蜂窝板	Imitation Wood Honeycomb Panel
铝防火板篇	Aluminum Fire Board

吊顶系统 Aluminum Ceiling System

方板天花系列(明架)	Lay-in Tile Ceiling System
方板天花系列(暗架)	Clip-in Tile Ceiling System
铝质天花图案	Aluminum Ceiling System
C型密闭式条扣天花系列	C-shaped Closed Linear Ceiling System
S型防风条扣天花系列	S-shaped Wind Resistant Strip Linear Ceiling
H型拼密式条扣天花系列	H-shaped Closed Linear Ceiling System
G型有缝式条扣天花系列	G-shaped Seam Linear Ceiling System
高边防风条扣天花系列	High Side Wind-resistant Linear Ceiling System
防风式挂片天花	Wind-resistant Linear Ceiling System
钩搭式挂片天花系列	Hook Type Screen Ceiling System
水滴式挂片天花系列	Dripping Type Screen Ceiling System
异形方管天花系列	Special-shaped Square Tube Ceiling System
U型方管天花系列	U-shaped Square Tube Ceiling System
型材方管天花系列	Circular Square Ceiling System
型材圆管天花系列	Circular Tube Ceiling System
格栅天花系列	Grille Ceiling System
造型铝格栅系列	Modelling Aluminum Grille System

工程展示篇 Project Case

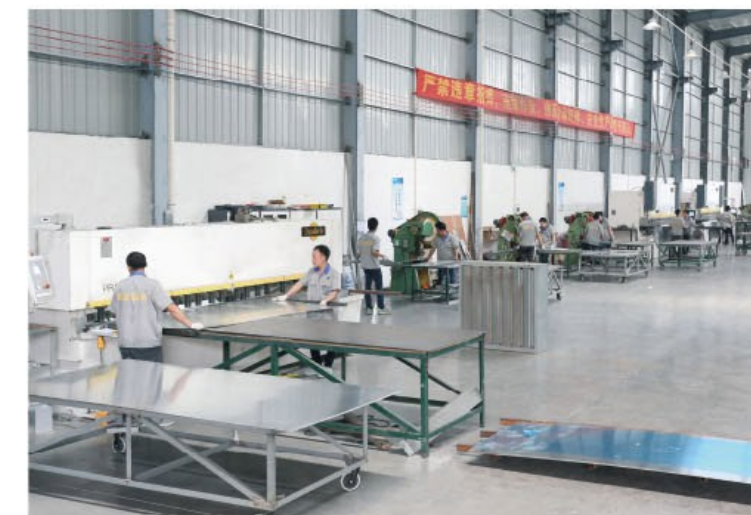
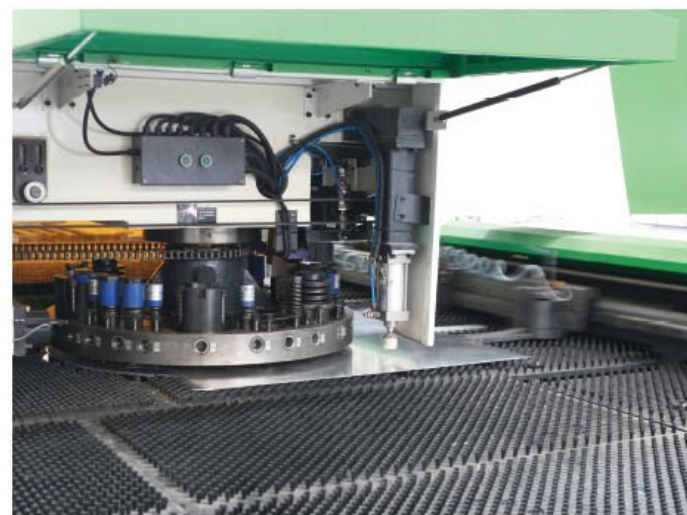




Sheet Metal Production EQUIPMENT 钣金生产设备

生产自动化能最大程度提高工作效率，减少手工带来的误差从而提升产品质量及降低生产成本。因此我们不断引进国内外先进的生产技术和生产设备，同时不断借鉴国外完善的生产管理体系，使我们的生产力得到大大的提高及能保证质量的长期稳定。

It is the automatic production which can enhance the work efficiency to a large extent and diminish the errors caused by human force that results in improving the products quality and lowering the cost. To achieve the objective, we have introduced advanced production technology and equipments from abroad continuously; with the reference of foreign complete and perfect managerial system, meanwhile, we have greatly promoted the entire productivity so as to ensure the sustaining development of quality.



钣金工艺流程 Sheet metal process flow



Spraying

PROCESS

喷涂流程

日本全自动喷淋氟碳喷涂线

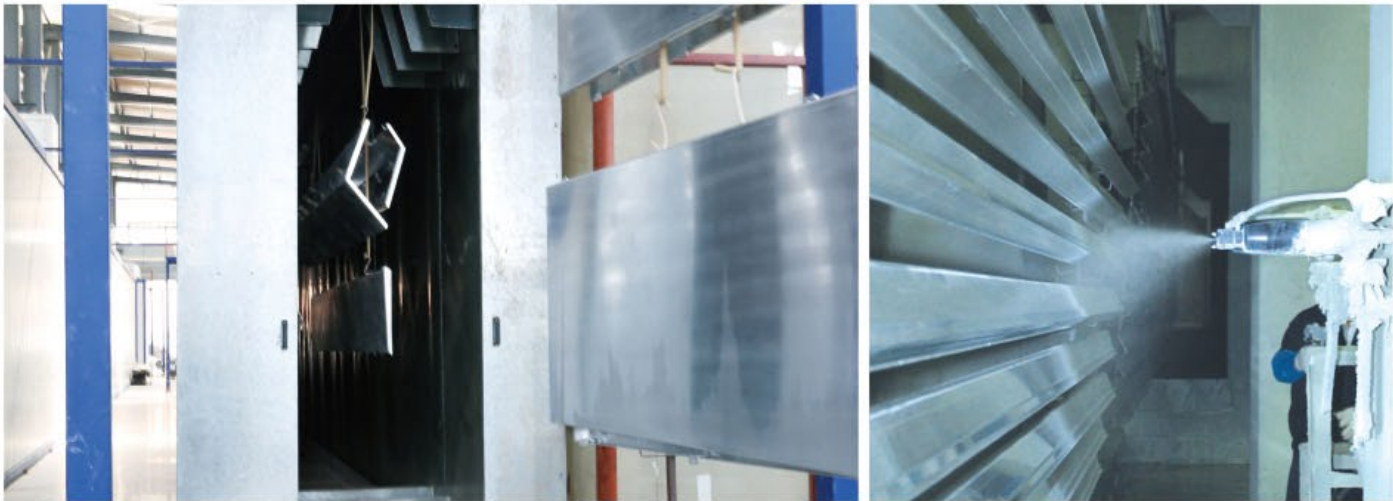
Japan Automatic Spray Fluorocarbon Coating Line

公司拥有的全自动喷淋氟碳生产线，减少了反复上下件造成的板面损伤，整个自动喷淋线全长有500米左右，具有加热、加压功能，能保证在最低的气温条件下，将最脏的铝板表面清洗干净。与普通的洗池相比，既提高了生产效率，减少了板面损伤，也因加热加压冲洗功能比浸泡式（无加热、无压力）清洗铝板更干净、更彻底。因而保证油漆在铝板上更好的附着力。

The company has fully automated production line of fluorocarbon spray, reducing the board surface damage which is caused by repeated up and down the pieces, the entire automatic sprinkler lines have a total length of about 500 meters, with heat, pressure function, to ensure that the conditions at the lowest temperatures, the dirtiest clean aluminum surface. Compared with ordinary washing pools, both to improve production efficiency and reduce the board surface damage, but also because of heat and pressure washing function aluminum cleaner, more thorough than immersion (no heating, no pressure) cleaning. On the aluminum plate thus ensuring a better paint adhesion.

喷涂工艺流程

Spraying process flow





Aluminum

VENEER SERIES

铝单板系列篇



金属板幕墙是第二次世界大战后就已经发展起来的一种建筑装饰。由于战备大量转向运用在建筑上，铝合金板幕墙才得以广泛地应用。铝单板也即单层铝板，铝幕墙中应用最早的产品。采用材料有纯铝板和铝合金板两种，铝合金材料常用的是3000系列和5000系列。

Metal curtain wall is a kind of architectural decoration which has been developed since the Second World War. Due to the large number of war readiness turned to the application of construction, aluminum alloy plate curtain wall can be widely used. Aluminum veneer is also single layer aluminum plate, aluminum curtain wall in the earliest application of products. The materials used are pure aluminum plate and aluminum alloy plate two kinds, aluminum alloy material is commonly used 3000 series and 5000 series.

Fluorocarbon Spraying

ALUMINUM PANEL

氟碳喷涂铝单板

持续的自主创新、突破行业壁垒，
方能锻造出品牌的绝对优势。



产品特点 Product Features

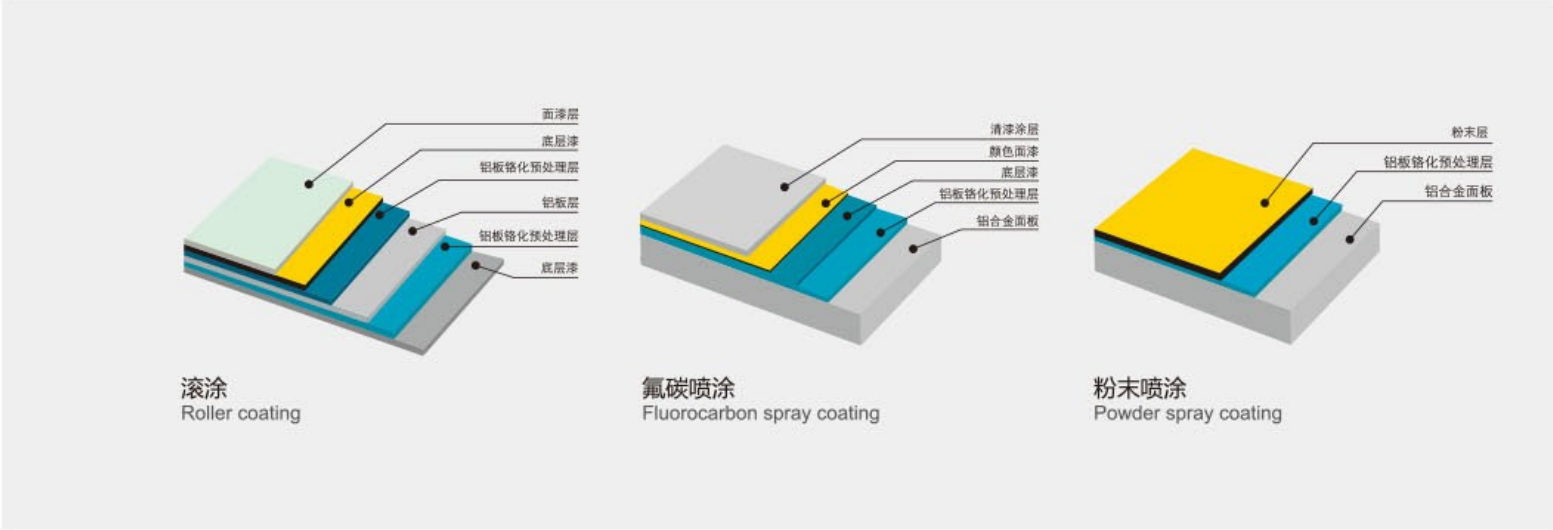
幕墙铝单板采用优质铝板加工而成，表层采用氟碳喷涂，不受紫外线、温度、气温和大气侵蚀，更具有良好的抗弯曲度及优良的抗风压性能，并且能够发挥其特点，二次开发使用。
幕墙铝单板重量轻、高度强、防水、防污、防火、防蚀、加工性能好、维护费用低、使用寿命长。铝单板可加工成各种弧形及异形，表面可喷涂成多种颜色，在墙面形成各种美丽的图案；并且可以和玻璃幕墙等组合成不同的外观形体，使建筑物更具高贵典雅的风格。

Aluminum veneer curtain wall of high quality aluminum machining, surface with fluorocarbon spraying, free from ultraviolet light, temperature, air temperature and atmospheric erosion. It's not only has a good bending resistance and excellent wind resistance, but also play its characteristics and usage of secondary development.
Aluminum curtain wall veneer owns the characteristics: light weight, high strength, waterproof, anti-pollution, fireproof corrosion, processing performance, low maintain cost and long life. Veneer can be processed into a variety of curved aluminum and shaped, the surface can be painted with different colors on the wall, which forming a variety of beautiful patterns; and glass curtain wall into different physical appearance, making the building more noble and elegant.

材质及构造 Materials And Construction

铝单板幕墙采用优质高强度铝合金板材，其常用厚度为2.0，2.5，3.0，型号为1100系列、3003系列，状态为H24。常规材料最大尺寸为1300mmX4000mm，非常规材料尺寸可达2200mmx6000mm。其构造主要由面板、加强筋和角码组成。角码可直接由面板折弯、冲压成型，也可在面板的折边上铆装角码成型。加强筋与板面后的电焊螺钉连接，使之成为一个牢固的整体，极大增强了铝单板幕墙的强度与刚性，保证了长期使用中的平整度及抗震能力。如果需要隔音保温，可在铝板内侧安装高效的隔音保温材料。

Aluminum veneer curtain walls adopt high-quality and high strength aluminum plate. Its common thickness is 2.0mm, 2.5mm, 3.0mm, and its model is 1100, 3003, and its state is H24. Besides, its general material's maximum dimension is 1300mmx4000mm, unconventional material size can be up to 2200mmx6000mm. And its structure is composed of front-panel, reinforced rib, and corner brace. The corner brace can be directly by the panel bending and punching, and can be also riveting corner brace on the hem of the panel. Reinforced rib is joined with electric welding bolt behind plate in order to form a firm structure. So, it strengthens aluminum curtain wall's strength and rigidity, and ensures its flatness and ability to resist wind and shock during its long-term use. If it needs additional sound insulation and heat preservation effects, the special materials can be fixed inside the aluminum sheet.



表面处理 Surface Treatment

幕墙铝单板表面一般经过清洗、铬化等前处理后，再采用氟碳喷涂处理。氟碳涂料分为底漆、面漆和清漆，主要成份为聚偏氟乙烯树脂（KYNAR500）。一般分为二涂、三涂或四涂。氟碳涂层具有卓越的抗腐蚀性和耐候性，能抗酸雨、盐雾和各种空气污染物等，耐冷热性能极好，能抵御强烈紫外线的照射，能长期保持不褪色、不粉化，使用寿命长。表面选用世界知名的氟碳涂料生产商PPG、DNT、AKZO、NIPPON等公司的优质氟碳涂料，颜色选择广泛，客户直接按厂家提供的色板选用或提供色样板。

Panel curtain wall is usually chromating, after that, it is treated with Fluorocarbon coating. Polyvinylidene fluoride resin (KYNAR500) of the fluorine carbon coating finish paint and the varnish is normally divided into 2 layers, 3layers or 4layers. Fluorine carbon coating has outstanding characteristics of corrosion resistance and weathering resistance, resisting acid rain, salt fog and various air contaminants. Besides, it has good performance of thermal and cold endurance, and it can resist strong ultraviolet, keep unfading and no pulverization for a long time with a long service life. Our factory chooses the high-quality fluorine carbon coating material manufactured by well-known PPG, NDT, AKZO, and NIPPO, etc. We choose nice and various colors. Customers can directly choose in according to the color plate which is offered by manufactures or provided the color sample to us.

Fluorocarbon Spraying

INTRODUCTION

氟碳涂料介绍

PVDF涂料是建筑方面应用的首选含氟聚合物涂料，简称PVDF氟碳涂料。在它的树脂体系中通常包含70%的PVDF树脂和30%的丙烯酸树脂，同时选用优异的耐候颜料，是金属建材行业首选的表面涂装产品。PVDF氟碳涂料主要应用于各种铝质建材材料，包括幕墙铝板，铝型材，天棚，立柱等，使用寿命可达二十年以上。涂装前基材必须经过铬化前处理，一般采用二涂一烘，三涂一烘及四涂二烘的施工工艺。

PVDF coatings is preferred among the fluoropolymers for architectural applications, they are commonly formulated with 70% PVDF resin and 30% acrylic resin into resin system. PVDF coatings is suitable for building panels and other articles made from extruded and sheet metal which are intended for outdoor use. Projected life of the paint is expected to be more than twenty years. It could be applied with wet on wet process.i.e.,2C-1B,3C-1B or 4C-2B system.

性能和标准

Performance And Stardand

应用证实了PVDF氟碳漆在外用铝材表面上具有出色的耐候性，耐粉化、抗褪色、抗脆裂和抗剥落的高性能，它的长期耐污染和耐化学侵蚀等性能能够显著减少维护和修补的费用。

The application proves that PVDF has excellent weather ability, powder resistance, anti fading, anti cracking and anti-stripping on the exterior aluminum surface.

PVDF氟碳涂料达到或者超过了美国建筑生产商协会的AAMA2605的质量标准，是要求超耐久性和高性能建筑喷涂涂料的最好选择。

PVDF fluorocarbon coatings meet or exceed the American Architectural Manufacturers Association AAMA2605 quality standards. It's the best choice to require ultra-durability and high performance architectural coatings sprayed.

PVDF氟碳涂料具有化学惰性，能够突出抵抗颜色和光泽退化和酸雨和强紫外线等严酷环境。10年暴晒实验的结果确保了其优异的耐久性能，AAMA2605是首选的性能标准。

PVDF coatings are chemically inert and providing outstanding resistance against color and gloss fade and environmental stress such as acid rain and ultraviolet attack. Ten years exposure test ensure the coatings outstanding performance and durability. AAMA2605 specification is original alternative for standard.

技术参数

Technical Parameters

颜色	Color	白色，黑色和其他各种颜色	White,black and other color
干膜厚度 ASTM D1400	Dry film thickness ASTM D1400	底漆0.25± 0.05 mil 面漆 大于1.0 mil	Primer 0.25 ± 0.05 mil Topcoat greater than 1.0 mil
光泽 ASTM D523 @ 60°	Glossiness ASTM D523 @ 60°	低光泽和中光泽	Low gloss and medium gloss
铅笔硬度 ASTM D3363	Pencil hardness test ASTM D3363	最小 F	Minimum F
划格附着力 1/16 " 湿附着力和干附着力	Grid adhesion 1/16 "wet adhesion and dry adhesion	无脱落	No shedding
正面冲击 1/10" 变形量	Frontal impact 1/10 "deformation	无脱落	No shedding
耐酸性 ASTM D1308 10%盐酸	Acid fastness ASTM D1308 10% acid	15分钟无明显变化	No significant change after 15 minutes
耐碱性 灰浆试验湿度100% @ 100° F	Alkali resistance Mortar test humidity 100% @ 100 ° F	24小时无明显变化	No significant change after 24 hours
耐洗涤剂性 3%浸泡@ 100° F	Detergent resistance 3% soak @ 100 ° F	72小时无明显变化	No significant change after 72 hours
耐盐雾性能 ASTM B117, 4000小时 5% NaCl@ 100° F	Salt fog resistance ASTM B117, 4000 hours 5% NaCl @ 100 ° F	最大1/16"	Maximum 1/16 "
耐湿性 ASTM D714 D2247, 4000小时 100%湿度@ 100° F	Moisture-proof ASTM D714 D2247, 4000 hours 100% humidity @ 100 ° F	最大气泡#8	Maximum Bubble pressure
耐候性 10年 @ 45° 角，南佛罗里达 ASTM D2244 ASTM D4212 ASTM B244	Weather fastness 10 years @ 45 ° angle, South Florida ASTM D2244 ASTM D4212 ASTM B244	褪色: 最大5级 粉化: 最大8级 漆膜损失: 最大5%	Fade: Maximum 5 Powdery: Maximum 8 level Film loss: Maximum 5%

Curtain Wall Installation

DIAGRAM

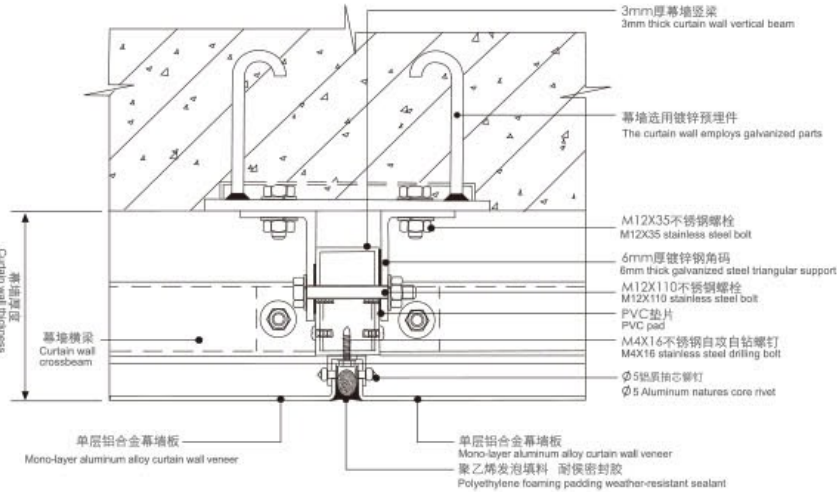
幕墙安装示意图

通过多年的铝建材制品供应，并随机械化生产的今天，造型铝板已成为设计师们的最爱，用造型传达建筑之语言，用造型体现建筑的特别与另类，个性、时尚唯有造型。造型板加工相对复杂，技术要求更需精确，经多年的生产制造经验已领先铝制建材行业。

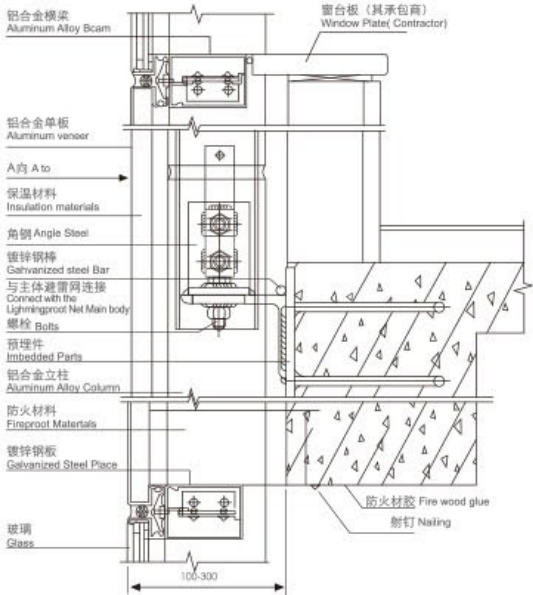
Through years of aluminum building materials supply, and with the mechanized production today, aluminum shape to become a favorite designers, the construction of the language used to convey shape, with a special architectural style with the alternative expression, personality, fashion style only. Style sheet processing is relatively complex and technically demanding more to be precise, after years of manufacturing experience has been a leading aluminum building materials industry.



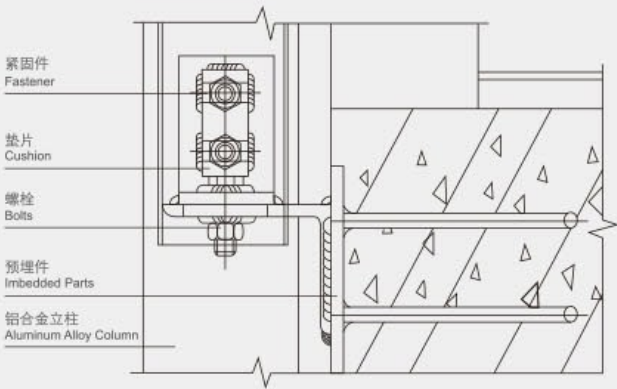
单层铝合金幕墙板安装节点图
Installation node drawing of single-layer aluminum curtain wall veneer



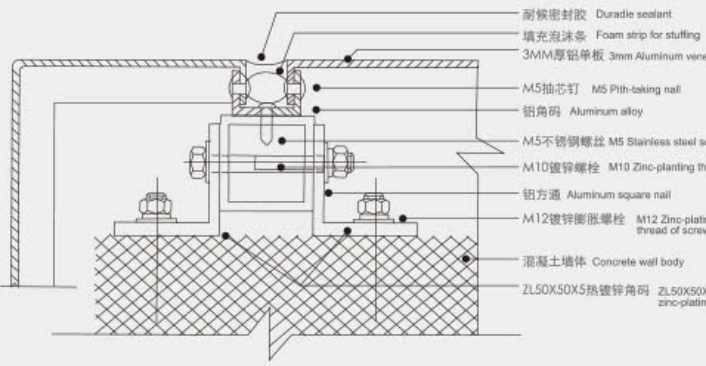
铝单板幕墙节点图
Installation node drawing of aluminum curtain wall



铝单板幕墙节点图
Installation node drawing of aluminum curtain wall



铝单板幕墙与铝单板幕墙相接的节点图
Single-phase of the node drawing of aluminum curtain wall and aluminum curtain wall



Flat-seam

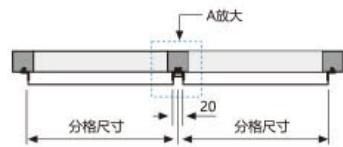
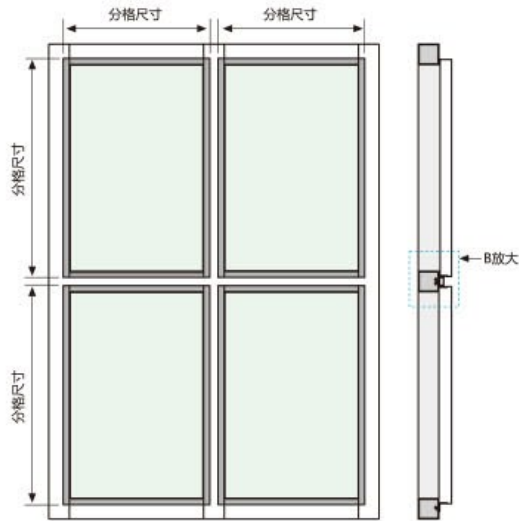
ALUMINUM VENEER

平面有缝铝单板

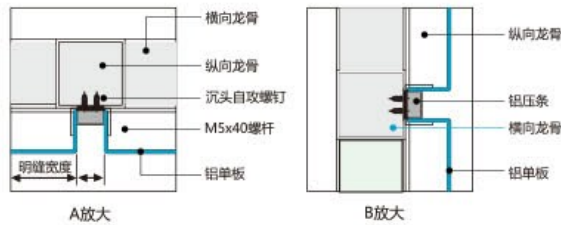
产品特点 Product Features

利用铝单板两个加筋之间的空隙，加以螺丝固定，然后封胶，即可完成；这是铝单板最常用的一种安装形式，铝单板与铝单板之间形成线，使平整中多一份流动的格调，利用各种不同色调的胶水，形成不同色调的线条，与铝单板面色可协调、可对比，因情景氛围而定。

The use of aluminum reinforced the gap between the two boards, screw them back fixed, then seal glue to complete. This is the most common form installation of aluminum veneer: the lines are between aluminum veneer and aluminum veneer, so that smooth flow in more of a style. Using a variety of different shades of glue to form a different color lines, looking to coordinate with aluminum veneer, can be compared, change by the atmosphere and scene setting.



墙面铝单板安装示意图
镶条（明缝）式安装



墙面铝单板（有缝式）安装说明：

- 1、按设计图纸要求放样出龙骨及铝单板完成面的线；
- 2、确定施工方向，按分格尺寸要求安装好主、副龙骨（方钢龙骨）；确保龙骨面的平整度；
- 3、安装铝单板：按要求安装好铝单板，四周角码均用自攻螺钉固定，再镶入铝压条。
- 4、安装过程应保持手清洁，不能有汗水、油污等不洁现象。

Flat-seamless

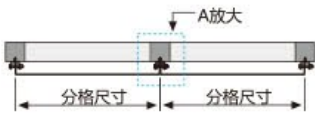
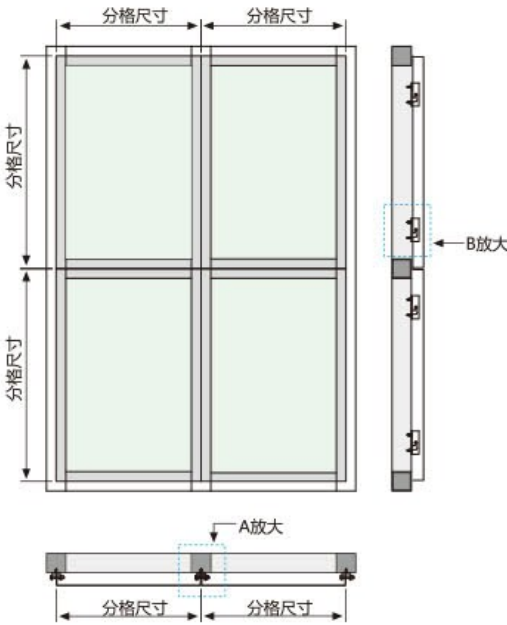
ALUMINUM VENEER

平面无缝铝单板

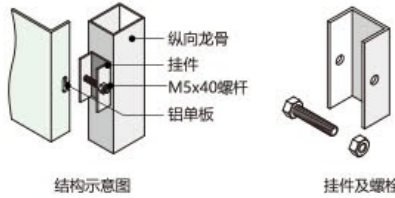
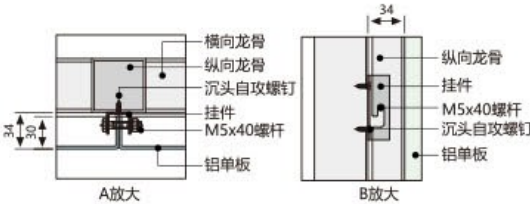
产品特点 Product Features

密缝铝单板是在安装中使板与板之间的间距尽量缩小，使其整体起着平整、流畅的视觉效果；情景交融，精致动人让平整体现铝金属本质的肌理，触手可及的光泽散发着永久的亮丽与洁净，为建筑提升档次，为环境创造灵性的视觉盛宴！

Tightseam aluminum veneer is installed manipulation in the spacing between boards to minimize, to play the whole flat, smooth visual effects. The flatness reflects the texture of the aluminum metal, its burnish exudes permanent bright and clean. In order to improve the level of architecture, and created spiritual feast of vision of environment.



墙面铝单板安装示意图
（干挂式自然无缝拼装）式安装



结构示意图

挂件及螺栓

The Square Seam

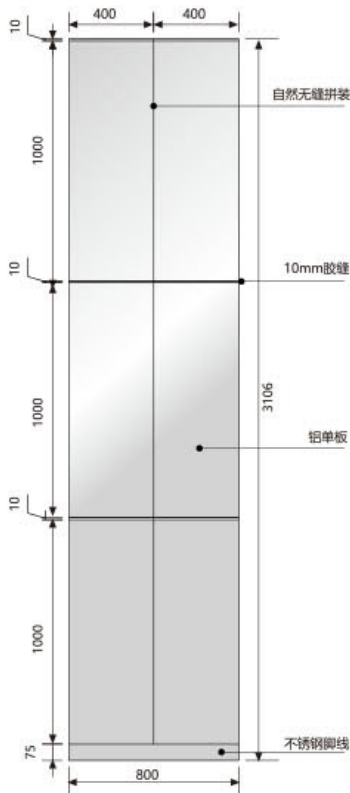
PACKET COLUMN

方型有缝包柱

产品特点
Product Features

原本是空间障碍的方柱，通过设计师的装饰变成一道亮丽的风景线，这就是装修的魅力，也是建材的功劳；方型有缝包柱为单一的墙体增添几分独特的视觉亮点。

Side column originally steric hindrance, designer decorated into a beautiful landscape, which is renovated charm, but also the credit of building materials; rectangular slit package column as a single wall to add a bit unique visual highlights.



方柱子立面图(干挂式有缝)

Square Seamless

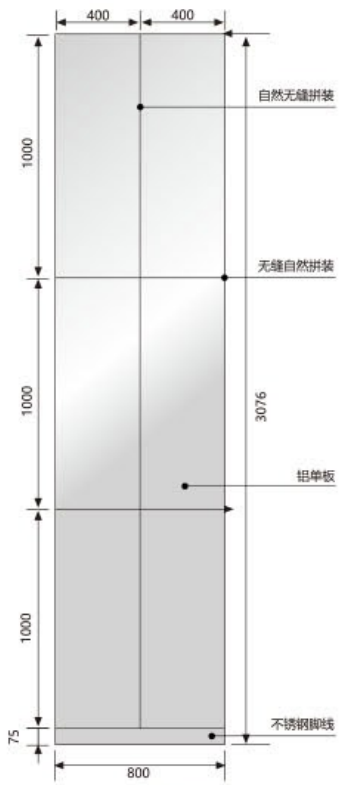
PACKET COLUMN

方型无缝包柱

产品特点
Product Features

方型无缝包柱的应用为大型装饰空间提供了一个整体简洁的视觉空间；尤其是变幻莫测的建筑设计中，平整反而成了视觉另一缓冲点，常常给人们带来平凡的惊喜与享受！

Column of the square seamless package for large decorative space provides a the overall simple visual space; especially the vagaries of architectural design, the flat has become a visual another buffer point, often gave rise to an extraordinary surpriseenjoy!



方柱子立面图(无缝)

The Round Seam

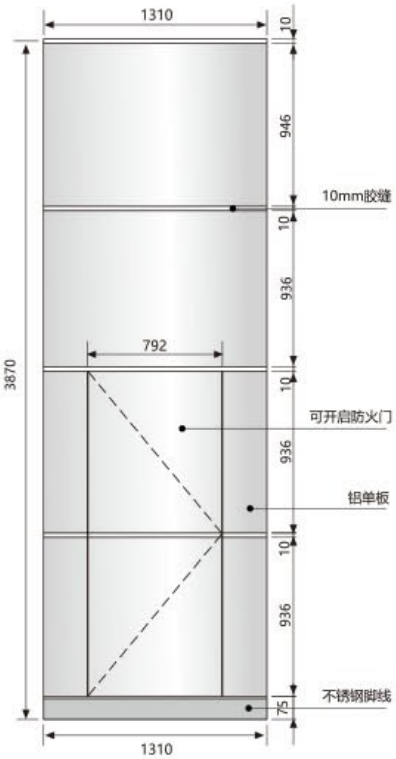
PACKET COLUMN

圆形有缝包柱

产品特点
Product Features

圆形有缝包柱是把公众视觉立体化的一个基点，在建筑空间美学中，设计材料与造型的产生，不仅是某个意象不期而遇，更是灵感与现实的碰撞；并且可以肯定这种创意的应用也是可以持续延伸。

The circular slit package column to the public visual three-dimensional basis points in the architectural space science, design material and shape of produce, not only an image, meet by chance, but the inspiration and reality collision; and certainly kinds of creative applications are also continuing to extend.



圆形柱子立面图(干挂式)

Round Seamless

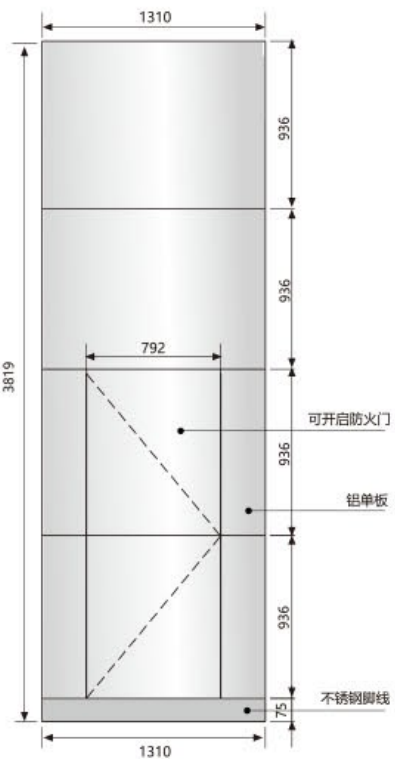
PACKET COLUMN

圆形无缝包柱

产品特点
Product Features

圆形无缝包柱的应用常常令人有耳目一新的惊喜与视觉享受，它的身影常常出现在酒店大堂、大型车站、机场及各种展厅等公共场所中。并且不同场合给人的愉悦也有所不同，也许与您的相遇，您会觉得是那么的直接而简单，没有太多的深层元素，但是那么自然而然，好象天主造物本应如此。

Round seamless package column is often a refreshing surprise and visual enjoyment, figure often appeared in the hotel lobby, large stations, airports, and all kinds of exhibition halls and other public places. And different occasions gives pleasure also the different may encounter with your period, you would think it is so direct and simple, not too deep elements but you will always so natural, as if the God of creation should so.



圆柱子立面图(无缝)

Double-curved

ALUMINUM VENEER

双曲铝单板

产品特点 Product Features

随着建筑物外形风格的多样化，双曲面铝单板已越来越受到业主和幕墙设计师的青睐。由于其加工难度大，能生产双曲面板的厂家很少，很多工程只能放弃原有设计方案，导致幕墙的整体效果难以准确表达出设计师的设计理念。双曲板是采用德国进口万能成型机配合专用数控双曲面软件在短时间内生产出成品。精确度高，表面平滑，合缝精准而且可来样来图订制等特点。

With the diversity of external styles of building, double-cured aluminum veneer has become increasingly popular to the house owners and curtain-wall designers. Because of its great processing difficulty, and few factories producing double-curved veneer, many projects have to give up the original design schemes, resulting in that the overall effect of curtain walls can not accurately express the design concept of the designers. Hyperbolic boards product which is made by universal CNC machine with prefectional double-curved software during shorttime. It is high accuracy, smooth surface and accurate seam. It can also customized according to your sample.



本公司大胆探索，自主创新，利用蒙皮拉伸技术和三维建模原理，解决了铝单板行业的难点技术——双曲面铝单板的生产、设计工艺，成为国内为数不多的真正能批量生产双曲面铝单板和复杂异形的企业之一，为设计师提供了更为广阔的想象和设计空间。

People make bold explorations, self-dependent innovation to resolve the difficult technology of production and design techniques of aluminum veneer in the aluminum veneer industry via skin stretch technology and the principle of three-dimensional modeling, become one of the few enterprises which can batch produce design space for designers.



Outdoor

PUNCHING BOARD

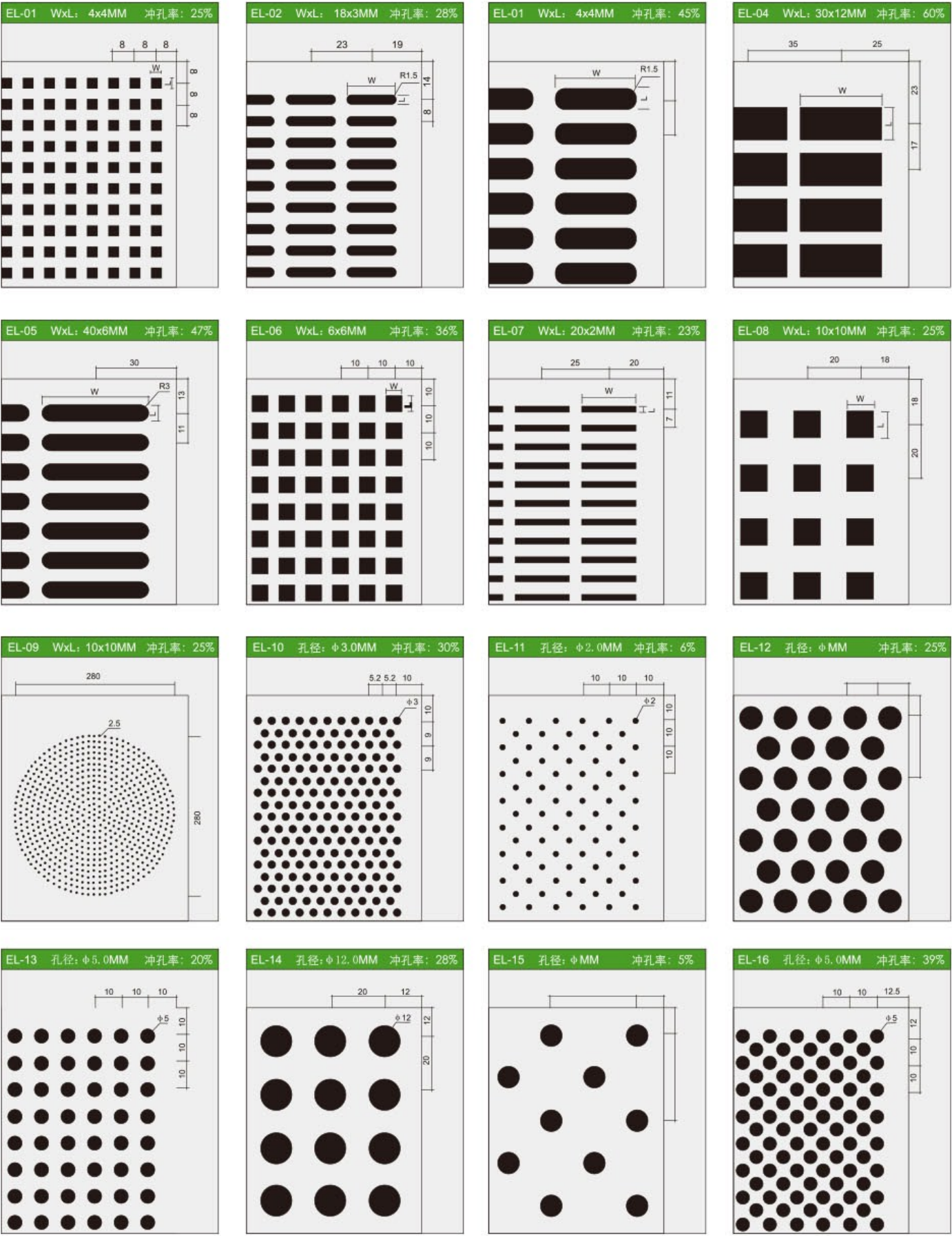
室外冲孔板

产品特点 Product Features

冲孔天花根据冲孔的排列构成千变万化，构图新颖，具有出色的的消音、隔音效果。产品在冲孔的基础上粘了毛帆布或玻璃棉，更有效强化吸音效果。特别是Φ 3.0冲孔产品吸音效果尤为出众。冲孔天花板拥有30多款花样组合，更可根据客户要求定做。穿孔天花板，其冲孔率在15%~25%范围时有极好的吸音效果，隔音吸音系数高达0.45-0.92as，大孔有利于吸收低音，小孔有利于吸收高音。



According to the arrangement if ceiling punching constitute the ever-changing, innovative composition, excellent silencer, sound insulation. Products in the Unite States is satisfied on the basis of punching a wool cloth or glass wool stick to more effectively strengthen the sound-absorbing effect. Especially Φ 3.0 punching products, sound effects are particularly outstanding. Punching ceiling with a variety of pattern combination 30, but also according to customer requirements. Perforated ceiling, the punching rate of 15% to 25% range has an excellent sound absorption, sound insulation sound absorption coefficient of 0.45-0.92as, the big hole is beneficial to the absorption of bass, the small one is good for absorbing high notes.



Imitation Wood

ALUMINUM VENEER

仿木纹铝单板

产品特点

Product Features

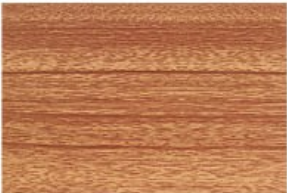
是一种效仿大自然而又超越大自然的产品。它独特优点在于：丰富的色彩和表面纹理 效果，能长期在日照下不褪色、不龟裂、不脱落的杰出性能。其特有的分子结构，阳光中的紫外线透过率仅为千分之一，使产品的抗老化性和耐候性还远超过其它任何一种喷涂产品。用它对各种铝型材及其它金属材料表面进行加工装饰，从而实现新的设计理念。

It is a product that imitates the nature but surmounts the nature.Its unique advantage lies in that its abundant colors and surface texture effect which can have the remarkable performance of color fastness,no cracks and no coming off in long-term sunshine.Because of its peculiar molecular structure,the degree of transparency of ultaviolet rays insunshine is only 0.1%,making the ageing-resistance and resistance to weathering of product far exceed any other spray-coating product.Using it to process and decorate the surfaces of various aluminum extruded sections and other metal materials can help realize new design concept.



仿木纹色卡系列

Imitation Wood Color Card Series



Color No:001
Color Name:啡柚木
Brown Teak



Color No:002
Color Name:黄梨木
Beniodendron Minus



Color No:003
Color Name:沙比梨
Sapelli



Color No:004
Color Name:橡木纹
Oak



Color No:005
Color Name:深胡桃
Dark Walnut



Powder No:006
Paper No:1008-8



Powder No:007
Paper No:3067-1



Powder No:008
Paper No:1086-7



Powder No:009
Paper No:790-1



Powder No:010
Paper No:1050-4



Powder No:011
Paper No:3063



Powder No:012
Paper No:3045-1



Powder No:013
Paper No:3029-4



Color No:014
Color Name:深花梨
Dark Rosewood



Color No:015
Color Name:深栓木
Dark Ash



Powder No:016
Paper No:1056-3



Powder No:017
Paper No:9129-1



Powder No:018
Paper No:3025-7

Imitation Stone

ALUMINUM VENEER

仿石纹铝单板

产品特点

Product Features

石纹图案丰富、细腻，效果逼真。单位面积重量比石材大大降低了，提高了安全级别。可降低施工难度和成本，缩短施工周期。韧性好，不易破碎，防潮、易清洁。可塑性强，可加工成各种复杂造型，背面可填充保温、隔热、吸音、隔音等材料，具有降低能耗作用，石材是无法比拟的。

Stone design rich, delicate, lifelike effect.The weight per unit area than the stone was reduced greatly, improve the safety level.Can reduce construction difficulty and cost, shorten the construction period.Good toughness, and not easily broken, moisture-proof, easy to clean.Strong plasticity, can be processed into various complex shapes, the back can be filled with thermal insulation, thermal insulation, sound absorption, sound insulation and other materials,can reduce energy consumption, the stone is incomparable.



仿石纹色卡系列

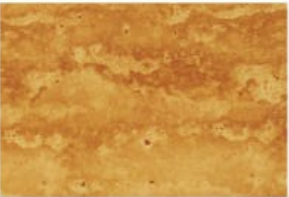
Imitation Stone Color Card Series



No:01



No:02



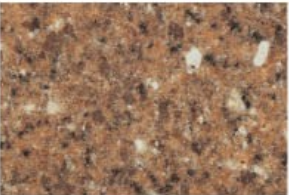
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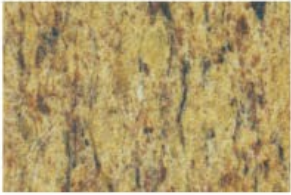
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No:05



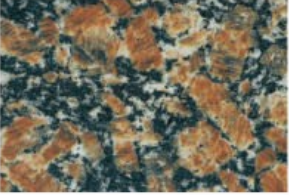
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No:07



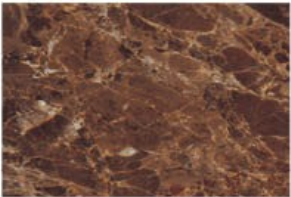
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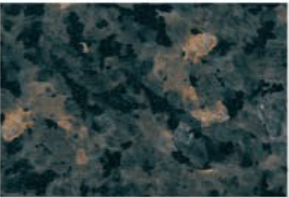
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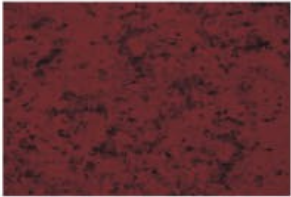
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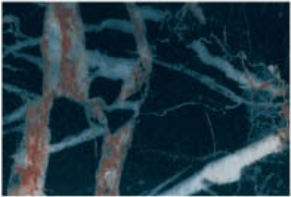
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No:012



No:013



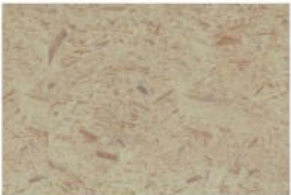
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Porcelain Enamel

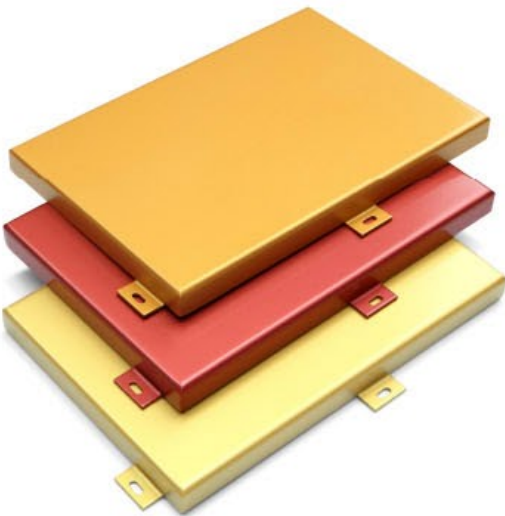
ALUMINUM VENEER

烤瓷铝单板

产品特点 Product Features

烤瓷铝板是由优质铝板与特种功能无机非金属材料经新型静电干粉涂搪工艺涂搪及高温烧成，使优质铝板与特种功能无机涂层两者间产生牢固的化学键结合而形成的复合材料。它既有钢板等基材的坚韧、抗冲击等特性，又有无机搪瓷层超强耐酸碱、耐久、耐磨、不燃、易洁、美观和无辐射等特点。

Enamel steel plate is composed of high-quality steel and special features of inorganic non-metallic materials by the new electrostatic dry enamel coating process enamelled and fired at high temperatures, high-quality steel and special functional inorganic coating between the two produced by a strong combination of chemical bonds formed composite material. It has both steel and other substrate toughness, impact resistance and other characteristics, and inorganic enamel layer super acid, durable, wear-resistant, non-flammable, easy to clean, beautiful and non-radiation characteristics.



技术参数 Technical Parameters

典型铝搪瓷			
用途	搪瓷	烧结温度	性能
外墙建筑平板	AL-2	535 – 550	含铅，耐候性好；除镉黄，镉可用于其它各种颜色
	Z-304	535 – 550	含铅，耐候性好；与各种FERRO标准色素匹配；用镉黄，镉橘黄，镉红外时，须加涂一层透明釉以确保着色度。

可搪铝合金化学成分：

合金号	硅	铁	铜	锰	镁	铬	锌	钛	铝	备注
1100	1.0Fe+Si		0.20	0.05	——	——	0.10	——	99.0	板材
*3003	0.6	0.7	0.20	1.0-1.5			0.10	——	余值	板材.挤压材
**6061	0.4-0.8	0.7	0.15-0.40	0.15	0.8-1.2	0.40-0.35	0.25	0.15	余值	挤压材
7104	0.25	0.40	0.05	1.0	0.50-1.0	0.25	3.7-4.3	0.15	余值	铸铝
43	4.5-6.0	0.80	0.10	0.10	——	——	——	0.20	余值	铸铝
344	6.5-7.5	0.30	0.10	——	0.50	——	0.50	0.20	余值	铸铝
356	6.5-7.5	0.25	0.10	0.05	0.30-.40	——	0.50	0.20	余值	铸铝

* 除非用数值范围表示，否则所列均为可含元素最大值

** 应采用此类合金可搪瓷金属，以确保搪瓷密度

Bronze Brushed

ALUMINUM VENEER

古铜拉丝铝单板

产品特点 Product Features

高纯度铝基材，数控精密加工

具有优越的使用性能，该板吸音、隔音效果俱佳，防火性能良好。表面色泽光亮、均匀，时尚感强，给人以强烈的视觉冲击。

进口设备加工，多重工艺处理

采用进口金刚石布轮表面拉纹，经压型、滚涂等多种化学处理而成。

外表时尚美观，使用性能优越

其材料外观具有非常强的金属质感，可与不锈钢拉丝擦纹板相比美，纹理清晰、均匀具有超强的耐温、耐候、防火性能，而且耐污易洁，是当今时尚流行的新型高档装饰材料。

High-purity aluminum substrate, CNC precision machining

With excellent use performance, the board sound-absorbing, sound insulation effect is good, good fire performance. The surface is bright and uniform with a strong sense of fashion, giving people a strong visual impact.

Imported equipment processing, multiple processing

The imported diamond cloth wheel is used for surface patterning, and it is made from various types of chemical treatment such as pressing and rolling.

The appearance of stylish and beautiful, excellent use of performance

Its material appearance has a very strong metal texture, compared with stainless steel wire brushed plate, the texture is clear, uniform with superior temperature resistance, weather resistance, fire performance, and stain resistant and easy to clean, is a fashionable new type of high-end decoration material.



Aluminum

GRILLE / SCREEN SERIES

铝窗花/屏风系列

产品特点 Product Features

屏风作为传统家具的重要组成部分，历史由来已久。屏风一般陈设于室内的显著位置，起到分隔、美化、挡风、协调等作用，从风水角度而言，屏风最重要的功能就是调节气场、阻挡煞气！可定制尺寸画面，画面可以选择半透明的或者不透的。

Screen as an important part of traditional furniture, history has a long history. The screen is generally arranged in a prominent position in the interior, play the role of separation, landscaping, windshield, coordination, from the Feng Shui point of view, the most important function of the screen is to regulate the gas field, blocking evil spirits! Customizable size screen screen can choose to be translucent or impervious.



注：图案只提供参考，客户选用本产品时，可根据工程实际需要将色板调合各种颜色。
Note: the design can only provide reference. When the customer selects this product, the color palette can be adjusted according to the actual needs of the project.

塑性好，样式多，构造科学 Good Plastic, Many Patterns, Structural Science

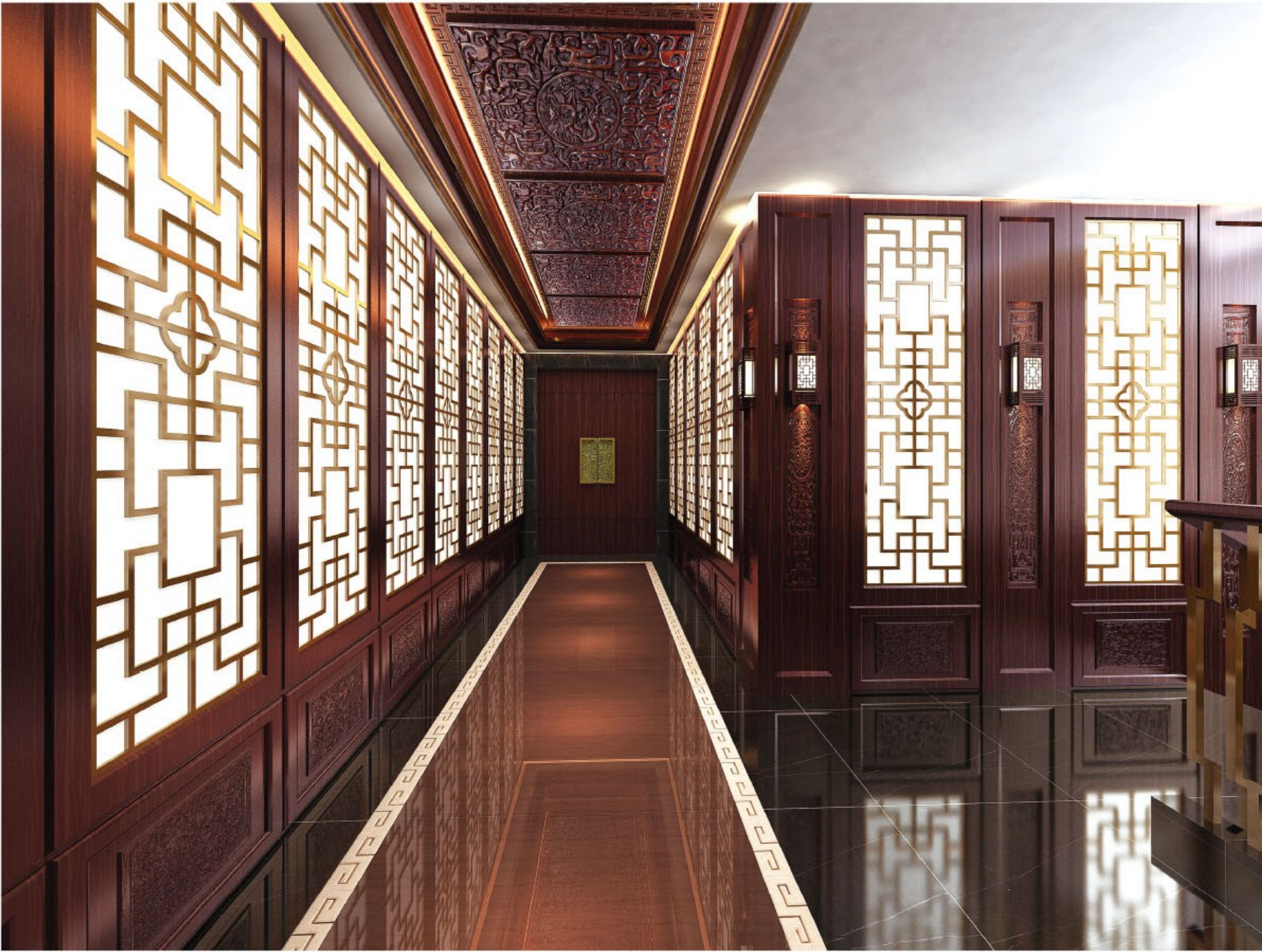
铝合金杰出的热挤压功能，可按它的力学构造和外观技术请求制造成各种形状复杂的空、实心型材，不只可以提高等量资料的机械功能，也增加了护栏商品的实用性和装饰性。

Aluminum alloy excellent hot extrusion function, can be made according to the mechanical structure and appearance of the technical request into various shapes of complex air and solid material, not only can improve the mechanical function of the same data, has increased the guardrail products is practical and decorative.

自重轻，强度高，适应年代 Light Weight, High Intensity, Adaptive Age

铝合金的构造强度高，且仅有不到钢铁三分之一的质量，增加了建筑体的全体承重功能。加上杰出的耐性，可焊接性等多种功能优势组合，格外适用于高层建筑中运用。

The construction strength of aluminum alloy is high, and it is less than one-third of the quality of steel, which increases the overall capacity of the building body. Combined with excellent patience, weldability and other functional advantages, it is especially suitable for use in high-rise buildings.



Aluminum

CARVING SERIES

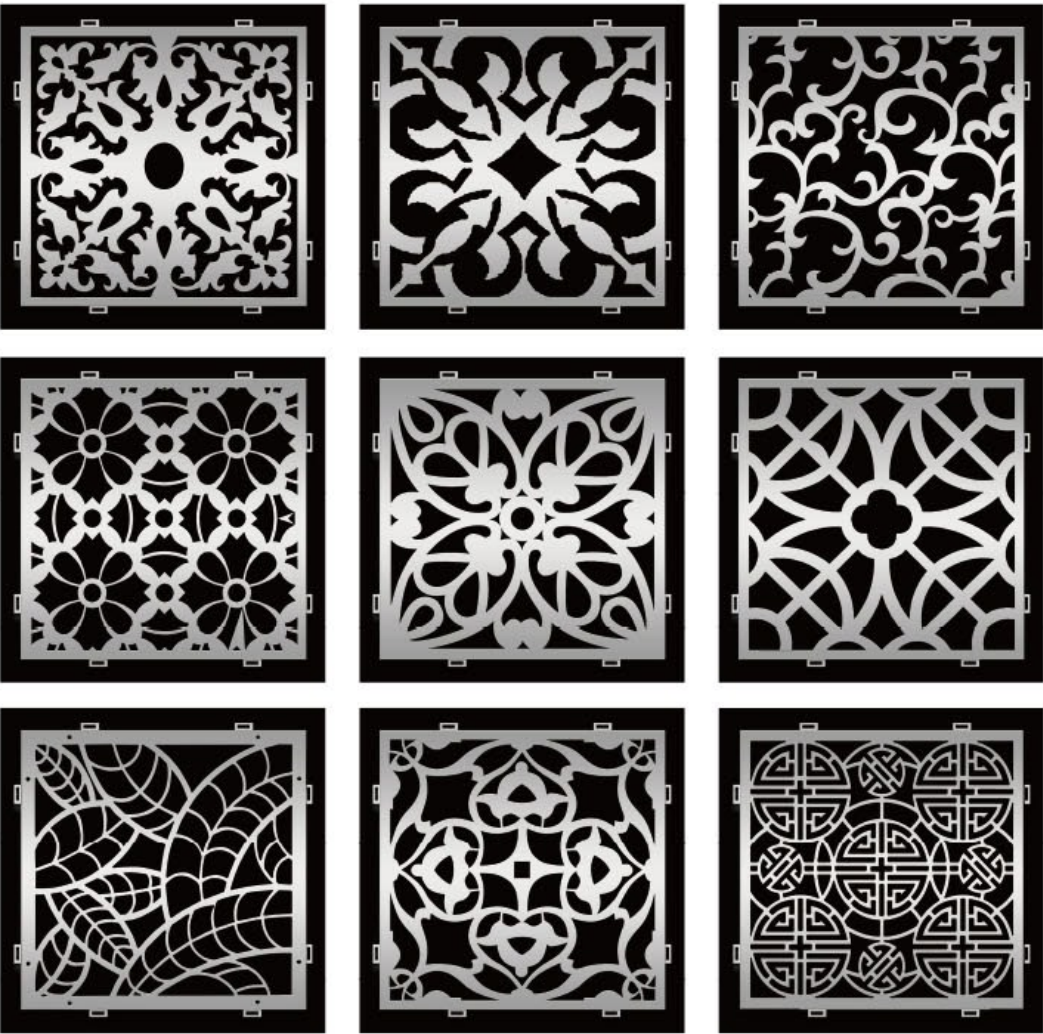
铝雕花板系列

产品特点

Product Features

雕花板是以高等级铝合金为主要材料，按照工程现场设计的尺寸、形状和构造形式，经过数控折弯等技术成型。确保板材在加工后能平整不变形，并在其氟碳喷涂的基础上，艺术镂空板更能满足客户对美的追求，可根据个性风格定做。

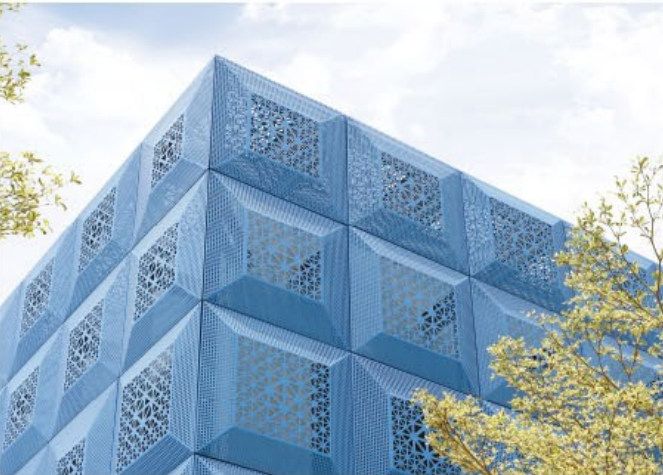
Carved plate is a high-grade aluminum alloy as the main material, according to the design of the project site size, shape and structure, through CNC bending and other technology molding. To ensure the plate can be flat after processing without distortion, and the surface of its surface fluorocarbon spray, based on the art of hollow plate to better meet the customer's pursuit of the United States, can be customized according to individual style.



注：图案只提供参考，客户选用本产品时，可根据工程实际需要调色板调合各种颜色。
Note: the design can only provide reference. When the customer selects this product, the color palette can be adjusted according to the actual needs of the project.

雕花作为一种雕刻技术，需要精湛且细腻的工艺。设计师巧妙地将这一元素融入现代建筑装饰中，为我们带来时尚且个性的装饰艺术。

As a carving technique, carving requires exquisite and delicate craftsmanship. Designers skillfully integrate this element into modern architectural decoration, bringing us a stylish and personalized Art Deco.



Anode Oxidation

ALUMINUM VENEER

阳极氧化铝板

产品特点
Product Features

金属感强: 经阳极处理的铝板表面硬度高，达宝石级，抗刮性好，表面无油漆覆盖，保留铝板金属色泽，突出现代金属感，提高产品档次和附加值。

防火性高: 纯金属制品，表面无油漆和任何化工物质，600度高温不燃烧，不产生有毒气体，符合消防环保要求。

抗污性强: 不留手印，不会有污点痕迹，容易清洗，不产生腐蚀斑点。

Metal strong: anodized aluminum surface hardness is high, up to gem grade, good scratch resistance, surface without paint cover, keep aluminum plateMetal color, highlight the modern sense of metal, improve product grade and added value.

High fire resistance: pure metal products, the surface without paint and any chemical substances, 600 degrees high temperature does not burn, does not produce toxic gases, fire protection and environmental protection requirements.

Strong dirt resistance: no fingerprints, no stain marks, easy cleaning, no corrosion spots.



Aluminum

HONEYCOMB PANEL

铝蜂窝板篇



铝蜂窝板强度较高，具有优异的高负荷、抗挠曲、抗弯曲及抗风压性，表面采用涂覆耐候性极佳的装饰涂层的高强度合金铝板作为面、底板与铝蜂窝芯分隔成众多的封闭孔，热量和声波的传播受到极大的限制，与其他幕墙材料相比，铝蜂窝板具有更好的保温、隔音性能，由于铝蜂窝板是薄铝板和铝蜂窝芯复合而成，所以其重量轻于铝单板或其他金属制成的幕墙材料。

The surface of the coating with excellent weather resistance of the decorative coating of high-strength aluminum alloy as the surface, the bottom plate and aluminum honeycomb core The aluminum honeycomb panels have better insulation and sound insulation properties compared to other curtain wall materials. Since the aluminum honeycomb panels are made of thin aluminum plates and aluminum honeycomb cores, the aluminum honeycomb panels have better insulation and sound insulation properties. and the weight are lighter than aluminum veneer or other metal made of curtain wall material.

Aluminum

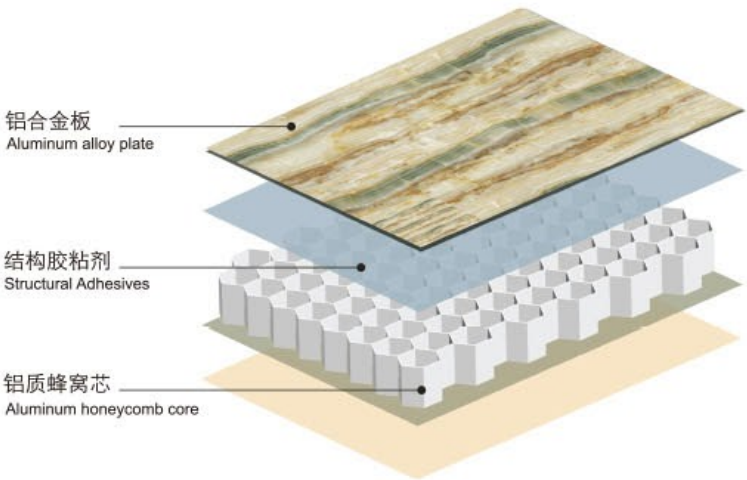
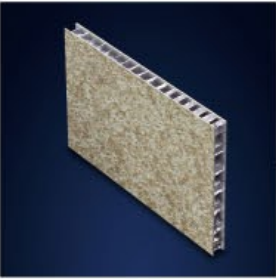
HONEYCOMB PANEL

铝蜂窝板

产品特点 Product Features

铝蜂窝板是一种新型环保型的装饰材料，具有质轻、高强度、耐候性好、加工灵活、安装简便的特点，铝蜂窝板强度高，具有优异的高负荷、抗挠曲、抗弯曲及抗风压性，产品采用“蜂窝式夹层”结构，即表面采用涂覆耐候性极佳的装饰涂层的高强度合金铝板作为面、底板与铝蜂窝芯分隔成众多的封闭孔，热量和声波的传播受到极大的限制，与其他幕墙材料相比，铝蜂窝板具有更好的保温、隔音性能，由于铝蜂窝板是薄铝板和铝蜂窝芯复合而成，所以其重量轻于铝单板或其他金属制成的幕墙材料。

Aluminum honeycomb panel is a new type of environmentally friendly decorative materials, light weight, high strength, good weather resistance, processing, flexible, and easy to install, aluminum honeycomb panels, high strength, has excellent high-load,flexural resistance to bending and wind pressure resistance, "honeycomb sandwich" structure, that is, the surface coating weatherability excellent decorative coating of high-strength aluminum alloy as a surface, bottom and aluminum honeycomb core is divided into a numberclosed pores, heat and sound waves broadcast by extremely limited compared to other wall materials, aluminum honeycomb panels have better insulation, sound insulation, aluminum honeycomb panel is a thin aluminum and aluminum honeycomb core composite, allits light weight aluminum veneer or other metal curtain wall materials.



结构 Structure

铝蜂窝板采用高强度3003铝合金作面板，高密度铝蜂窝芯做芯材，面板常规厚度为0.8mm，1.0mm,板总体厚为10mm，15mm，25mm。其它规格结构和尺寸可根据需要设计和制造，以满足各种用途的需要。

Aluminum Honeycomb planking used 3003 Aluminum Alloy with high strength to be surface board; the high density Aluminum Honeycomb to be pith materials. The routine thickness of surface board is 0.8mm, 1.0mm, The thickness of the whole board is 10mm, 15mm, 25mm.Other specification, struction & size can be made according to the variety needs of using.

Honeycomb Panel

SURFACE PAINTING

铝蜂窝表面涂层

预辊涂板 Pre-roller Board

幕墙铝蜂窝板表面采用涂料是一次性完成的预辊涂氟碳聚合物涂料，能有效地控制铝板材的表面油漆色差和平整度，成功消除传统喷涂工艺的颗粒粗难题，色彩均匀细腻、柔和亮丽。

氟碳聚合物涂料其主要成分含有不少于70%Kynar500或Hylar5000的氟碳树脂，是一种分子结构最稳定的耐久性结合涂料，涂装氟碳涂料的产品能长期抵挡阳光中的紫外线照射，工业废气、酸雨及化学品的侵蚀，能长期保持颜色的稳定和光洁，涂层不剥落、不龟裂、不粉化等。

The surface of aluminum honeycomb panels curtain wall has been coated with a kind of pre-coil coating fluorocarbon polymer coating which is completed at the first time, which can effectively control the chromatic aberration of the surface coating and the flatness of aluminum panels and successfully solve the problem of coarse particles in traditional spray coating technique,thus colors of the coating are fine and smooth,soft and bright. With fluorocarbon resins are mainly composed of not less than 70% of Kynar 500 or Hylar 5000.Fluorocarbon polymer coating is a kind of durable bond coat with the most steady molecular structure.Products coated with fluorocarbon coating can resist ultraviolet radiation in the sunshine and erosion of industrial exhaust gas,chemical rain and various chemicals,keep colors unchanged,bright and clean,and prevent the coat from desquamation, chapping and pulverization over a long period of time.



产品原材料 Raw Materials

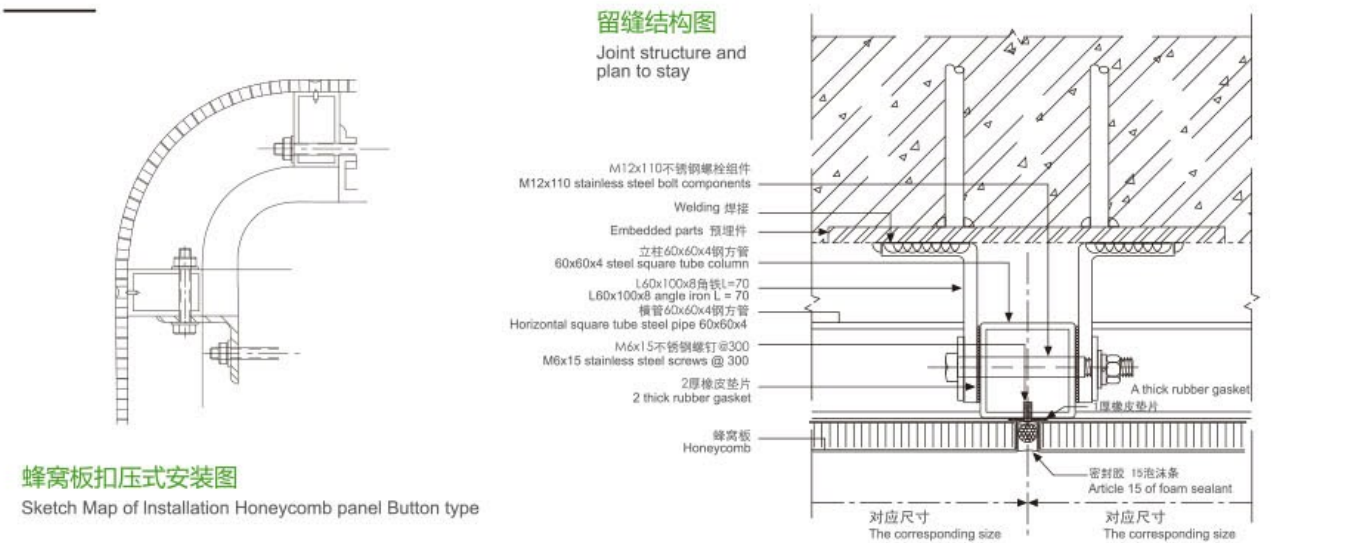
铝面板：主要选用优质的3003H24合金铝板或5052AH14高锰合金铝板为基材，厚度为0.7~1.5mm的氟碳辊涂板。
铝底板：底板厚度为0.5-1.0mm
铝蜂窝：芯材采用六角形3003H18型铝蜂窝芯，铝箔厚度0.04~0.07mm、边长5-6mm。
胶粘剂：采用双组份高分子环氧胶膜和双组份改性环氧树脂。

Aluminum panel: fluorocarbon coil coating panel,which mainly selects high quality 3003H24 aluminum alloy panel or 5052AH14 high manganese alloy aluminum panel as the base material,with a thickness of 0.7-1.5mm.
Aluminum bottom panel: thickness 0.5-1.0mm.
Aluminum honeycomb: the core material adopts model 3003H18 hexagon aluminum foil being 0.04-0.07mm thick,with side length of 5-6mm.
Adhesives: adopts bi-component polymeric epoxide membrane and bi-component modified epoxy resins.

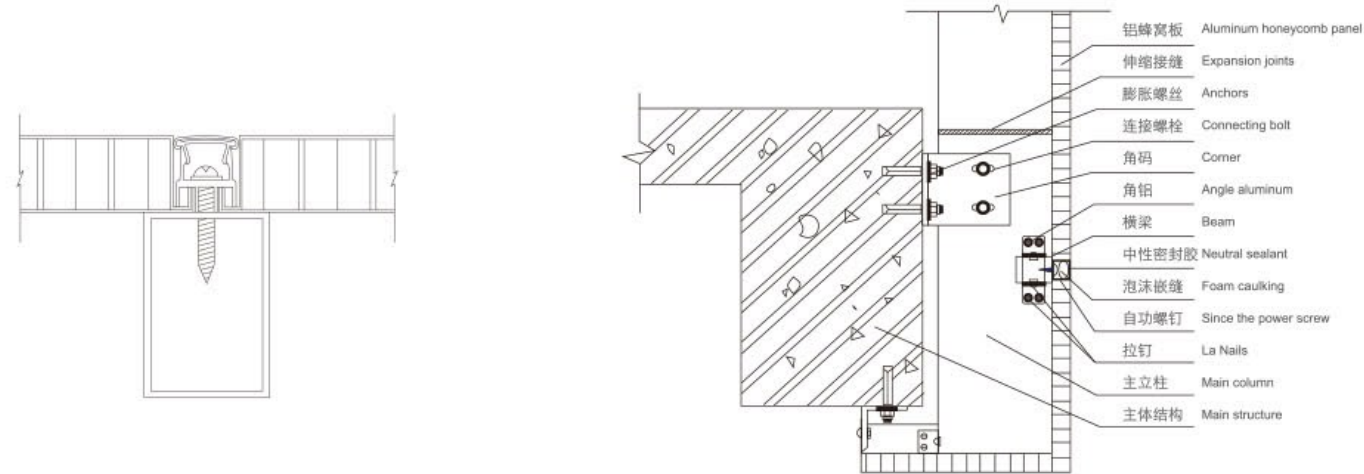
Aluminum Honeycomb Panel

SURFACE PAINTING

铝蜂窝板节点构造

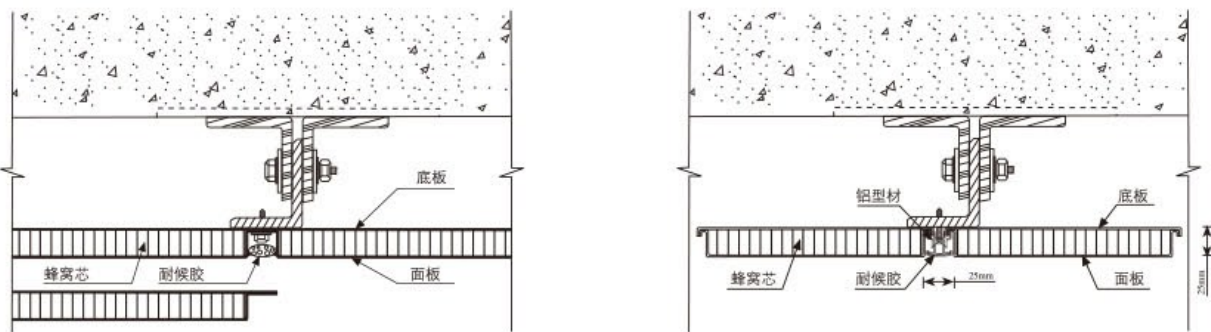


蜂窝板扣压式安装图
Sketch Map of Installation Honeycomb panel Button type

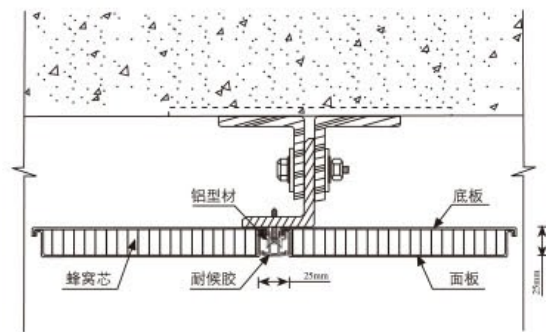


幕墙铝蜂窝板安装示意图
Curtain wall installation diagram of aluminum honeycomb panels

幕墙铝蜂窝板安装示意图
Curtain wall installation diagram of aluminum honeycomb panels



自身连接解码安装节点图
Oneself conjunction the decoding install node diagram



型材扣压式安装节点图
The type material buttons up the press type gearing node diagram

Imitation Wood/Stone

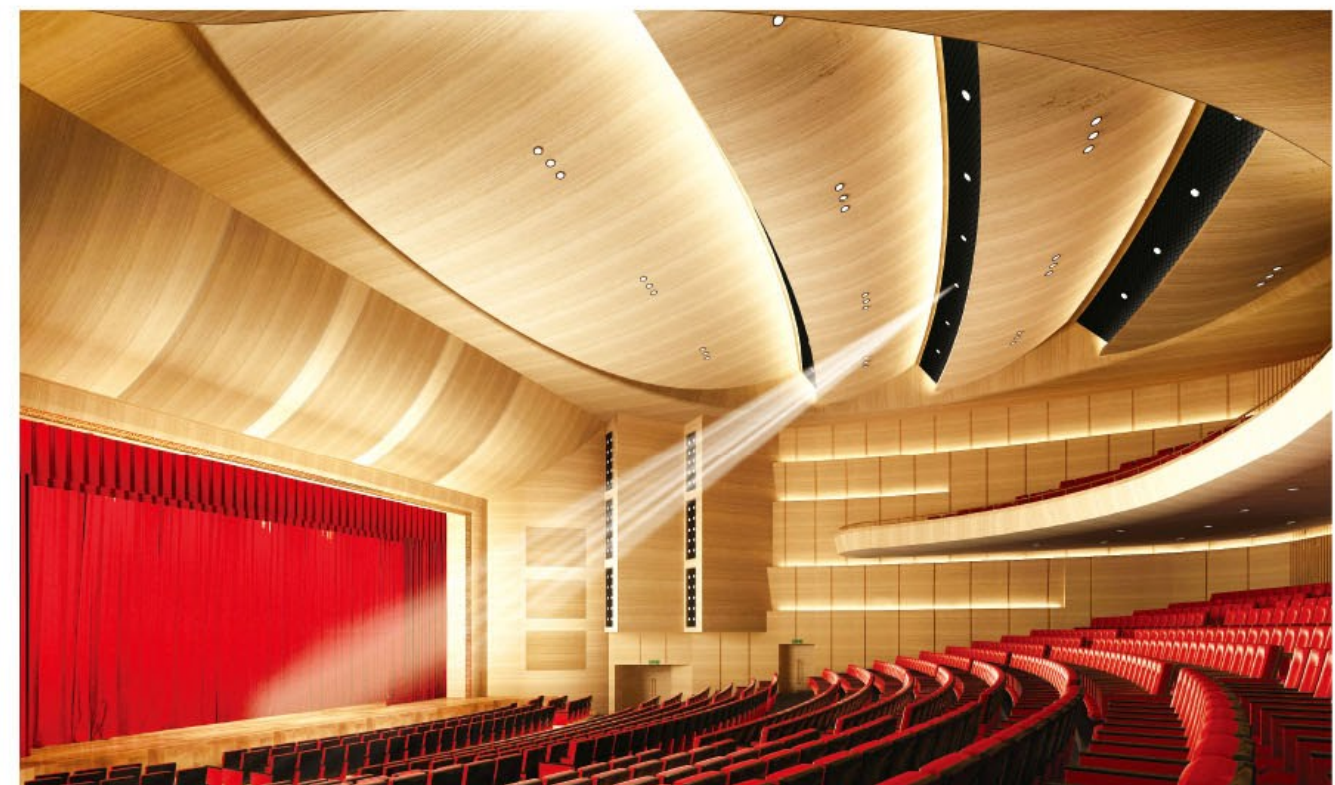
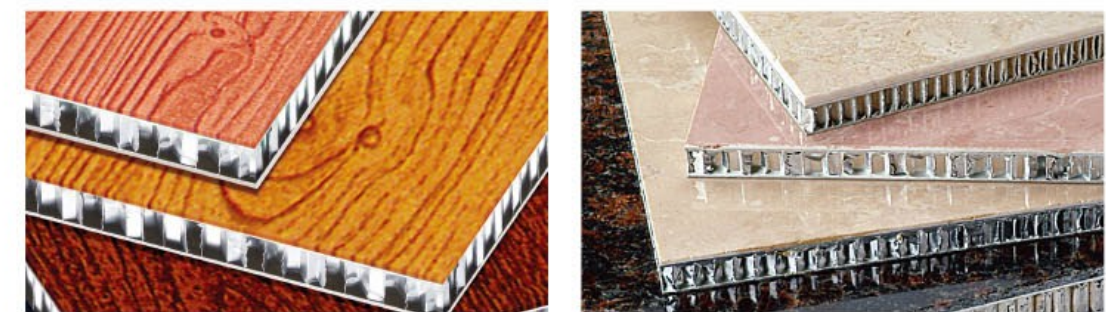
HONEYCOMB PANEL

仿木纹/石材铝蜂窝板

产品特点 Product Features

木纹/石材铝蜂窝系列是采用“蜂窝式夹层”结构，以表面喷耐候性的装饰涂层的高强度铝合金或优质石材作为面板，底板与蜂窝芯经高温高压复合制造而成的复合板材。该系列产品具有选材精良、工艺先进和构造合理，质量轻，易装拆，抗风、抗压，隔热、隔音保温性强等优点。尺度、平整度有出色的表现。广泛应用于建筑室内外幕墙。

Wood grain/stone aluminum honeycomb series adopts "honeycomb sandwich" structure, and uses high-strength aluminum alloy or high-quality stone with weather-resisting decorative coating as the panel, and the bottom plate and honeycomb core are made of high-temperature and high-pressure composite plate. This series of products have the advantages of excellent material selection, advanced technology and reasonable structure, light weight, easy assembly and disassembly, wind resistance, pressure resistance, heat insulation, sound insulation and heat preservation. Scale and flatness have excellent performance. Widely used in building interior and exterior curtain walls.



Aluminum

FIRE BOARD

铝防火板篇

产品特点

Product Features

防火板，采用阻燃的饰面材料，有辊涂铝板、纸面、塑面、贴木等，应用特殊生产工艺加工而成，具有防火、防水、无味、无毒、不腐、不裂、不变、不燃、高强度轻、施工方便、使用寿命长等特点。燃烧性能为国家A1级。

玻璃板是以氧化镁、氯化镁、水三元体系经配置改性而成，因其A级防火，防水防潮，同时绿色环保，符合可持续发展特性，被国家所推荐。它是氧化镁、氯化镁的化学反应产物，是一体的。密度在0.9~1.3之间，属于轻质防火板，可以进行直径30cm的弯曲造型，不会损坏其物理性能。

硅酸钙板是以石灰、硅酸盐及无机纤维增强材料为主要原料的建筑板材，具有质轻、强度高且隔热性、耐久性好、加工性能与施工性能优良等特点，主要用于制作天花板、隔墙以及作为钢柱、钢梁的防火保护材料。

防火板应用广泛，比如台面、家具的表面、楼梯的踏步、橱柜等。可根据自家需要的尺寸和花色进行加工。

Fireproof board, the use of flame retardant veneer material, roll coated aluminum plate, paper surface, plastic surface, stick wood, etc., the application of special production technology processing, with fireproof, waterproof, tasteless, non-toxic, non rot, non crack, unchanged, non combustible, high strength light weight, convenient construction, long service life and other characteristics. Combustion performance for the national A1 class.

Glass magnesium plate is modified by the configuration of magnesium oxide, magnesium chloride, water terpolymer system, because of its A grade fire prevention, waterproof and moisture-proof, green environmental protection, in line with the characteristics of sustainable development, is recommended by the country. It is magnesium oxide, magnesium chloride chemical reaction product, is one. With a density between 0.9 and 1.3, it is a lightweight fire-proof board and can be bent with a diameter of 30cm without damaging its physical properties.

Calcium silicate board is lime, silicate and inorganic fiber reinforced materials as the main raw materials of the building board, with light weight, high strength and heat insulation, good durability, processing performance and construction performance excellent characteristics, mainly used for making ceiling, partition wall and as steel column, steel beam fire protection material.

Fire boards are widely used, such as countertops, furniture surfaces, stair steps, cabinets and so on. Can be processed according to the size and color of their own needs.

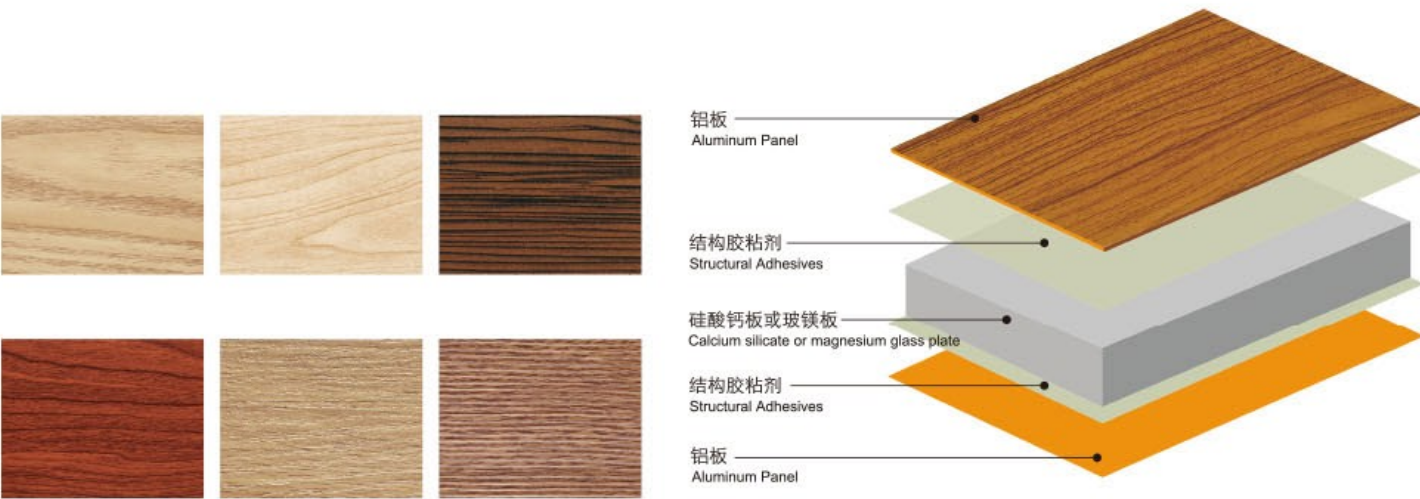


结构

Structure

欧品铝防火板采用高强度铝材作面板，高密度钙酸板或玻璃板做防火芯材，面板常规厚度为0.8mm，1.0mm,板总体厚为10mm，15mm，25mm。其它规格结构和尺寸可根据需要设计和制造，以满足各种用途的需要。

The OUPIN aluminum fire protection plate uses high-strength aluminum material as the panel, high-density calcium acid plate or glass magnesium plate as the fire protection core material, the conventional thickness of the panel is 0.8 mm, 1.0 mm, the overall thickness of the board is 10mm, 15mm, 25mm. Other specification structures and dimensions can be designed and manufactured as needed to meet the needs of various uses.

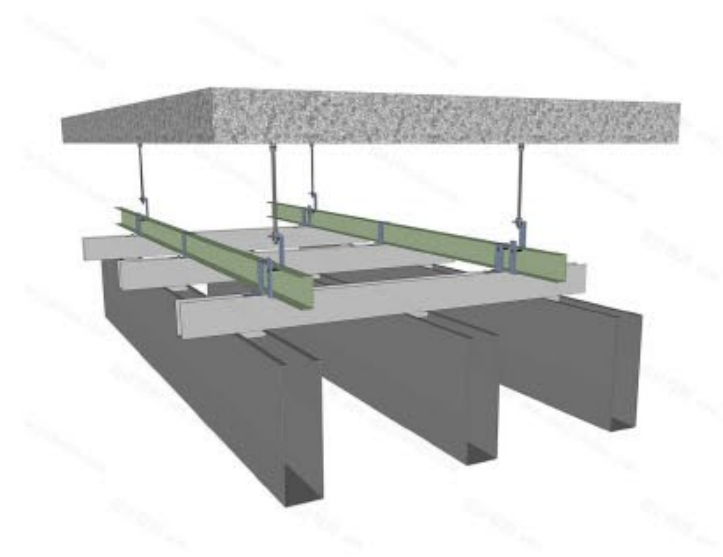




Aluminum

CEILING SYSTEM

吊顶系统



在设计结构、色彩表现、使用功能等各方面都能达到完美的平衡，其在尽情发挥设计师所长的同时，能够完美地表达设计师的设计意念，助其完成新颖别致、充满时尚味道架构布局，还能充分体现现代建筑的完整。

The design of the structure, color performance and the function, to reach perfect balance. In its full enjoyment of designer's director, it's able to perfect the design of the designer to express ideas at the same time. It helps them to complete the novelty, full of flavor structure of the layout of the fashion, but also fully embodies the integrity of modern architecture.

Lay-in Tile

CEILING SYSTEM

方板天花系列(明架)

产品特点

Product Features

方形天花的特色与优点： 方形天花系列备有多种结构（暗架与明架）和款式可供选择，在设计结构、色彩表现、使用功能等各方面都很完美，能够准确地表达设计师的设计意念，平整、干净，还能充分体现现代建筑的完整。

The features and the advantages of the square ceiling: there is a variety of structures (hidden frame and visible frame) and styles available for square ceiling series, they are perfect in various aspects such as structural design, color performance, function and so on, It is able to accurately express the designers' ideas, with its smooth and clean, it also fully embodied the integrity of modern architecture.



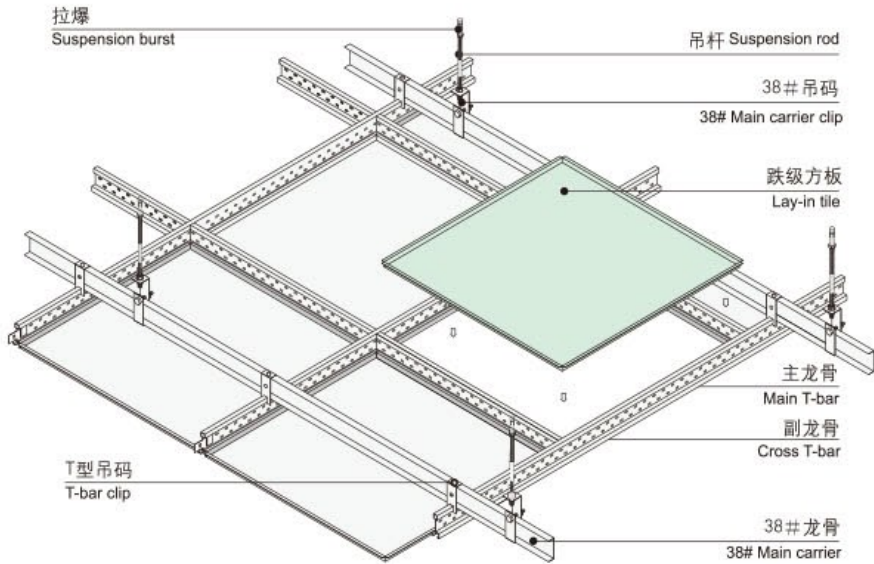
常用规格

Common Specifications

300x300mm、400x400mm、500x500mm、600x600mm、300x600mm、300x1200mm、500x1200mm、600x1200mm

安装示意图

Installation Diagram



Clip-in Tile

CEILING SYSTEM

方板天花系列(暗架)

产品特点

Product Features

暗架方板天花，采用暗架夹入式悬挂系统，方便安装及拆卸，改动室内间隔时倍感灵活。暗架式安装系统结构稳定隐蔽，面板表面平整、线条简洁美观，可为室内空间增添一份现代感。面板拥有不同规格型号，配合不同的设计及需求能广泛应用于多种建筑装饰设计中。

Clip-in tile ceiling with hidden frame, adopts the suspension system with the ceiling clamped into the hidden frame, which is convenient for installation and dis-assembly, and it's very flexible while making changes on the interval in the room. The structure of the hidden frame mounting system is stable and concealed, the surface of the panel is smooth with concise and beautiful lines, which adds a modern sense for the interior space. There are different panel specifications and models to match with different design and demand, can be widely used in a variety of architectural decoration design.



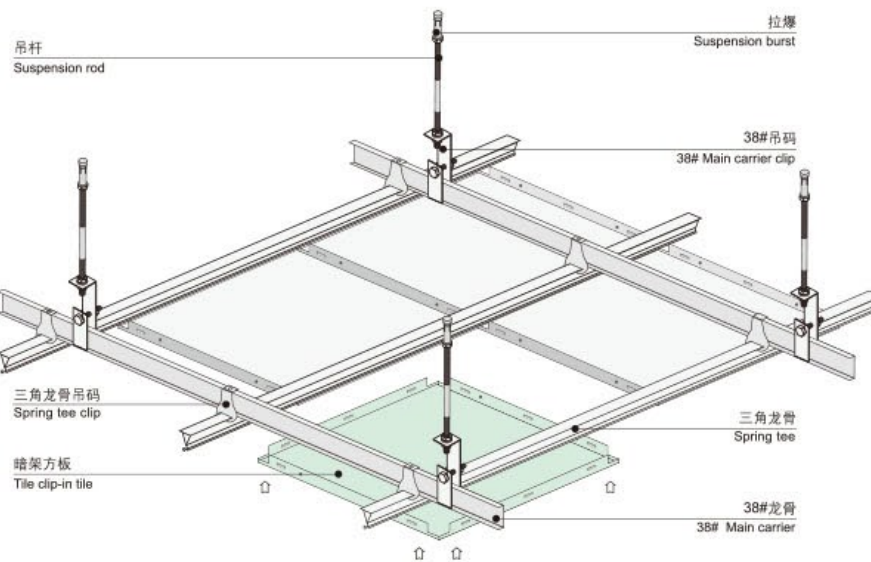
常用规格

Common Specifications

300x300mm、400x400mm、500x500mm、600x600mm、300x600mm、300x1200mm、500x1200mm、600x1200mm

安装示意图

Installation Diagram



C-shaped Closed

LINEAR CEILING SYSTEM

C型密闭式条扣天花系列

产品特点

Product Features

造型优美：外形美观且颜色繁多，清晰流畅的线条，各式的造型，配予数十种标准颜色，能组合出各式各样的装饰风格，塑造出不同的视觉效果，实用性强、低耗能。标准龙骨卡扣式结构，外表平整，绝无间隙。

Beautiful design:various color,clarity and fluent line,beautiful appearance,provide dozens of standard color,it can combination all kinds of decoration style,create a different visual effects. High practicability and tow consumption, standard keel card buckles type structure,smooth appearance, no clearance.

常用规格

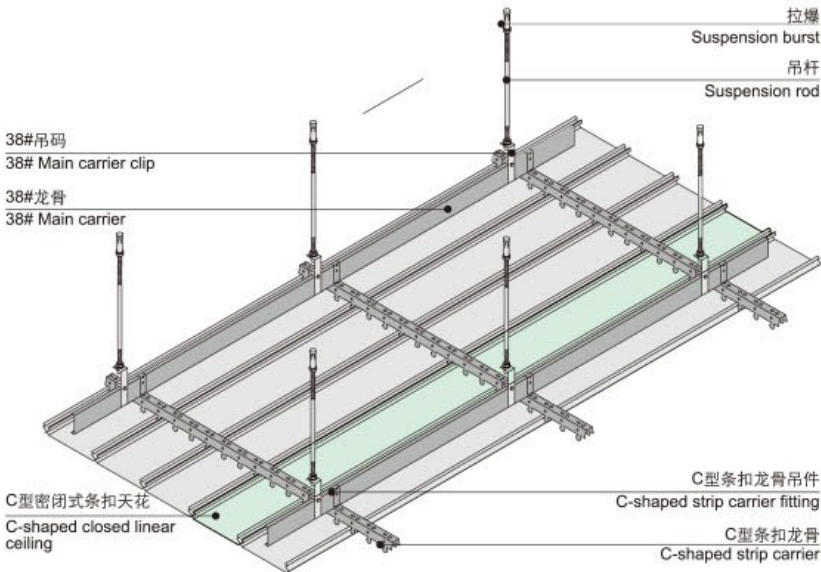
Common Specifications

斜角Beveled: 100mm、150mm、200mm、300mm
直角Right: 100mm、150mm、200mm、300mm



安装示意图

Installation Diagram



S-shaped Wind Resistant Strip

LINEAR CEILING SYSTEM

S型防风条扣天花系列

产品特点

Product Features

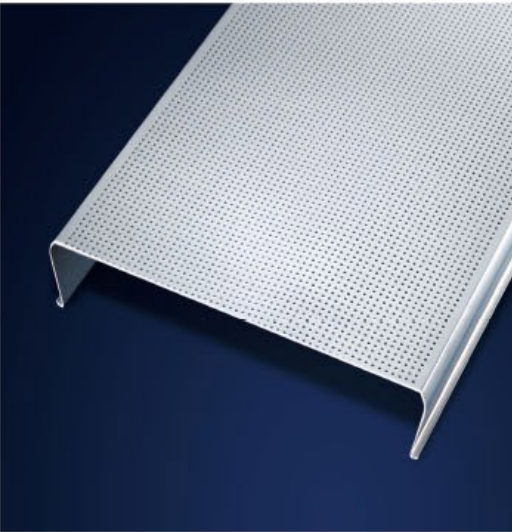
S型防风条扣结构新颖，设计大方、整体洁净，能完美地表达设计师的意念，且其新颖别致，充满时代感的构架布置。其特点纵向拼密且板面平直，结构稳固线条简洁明快，更富有变化，可生产各种覆膜，喷涂，冲孔等产品系列，适合室内室外安装。

S-shaped wind-resistant linear ceiling ,novel structure and generous design as well as clean whole, is able to perfectly express the idea of the designer, and it is novel and unique, with structure frame full of modern sense. Its feature is longitudinal dense splicing with flat and straight plate surface, with structure solid lines that are simple and fast. It can be manufacture various types, for example, protective film mulching, spraying coating and punching etc. It is suitable for indoor and outdoor installation.

常用规格

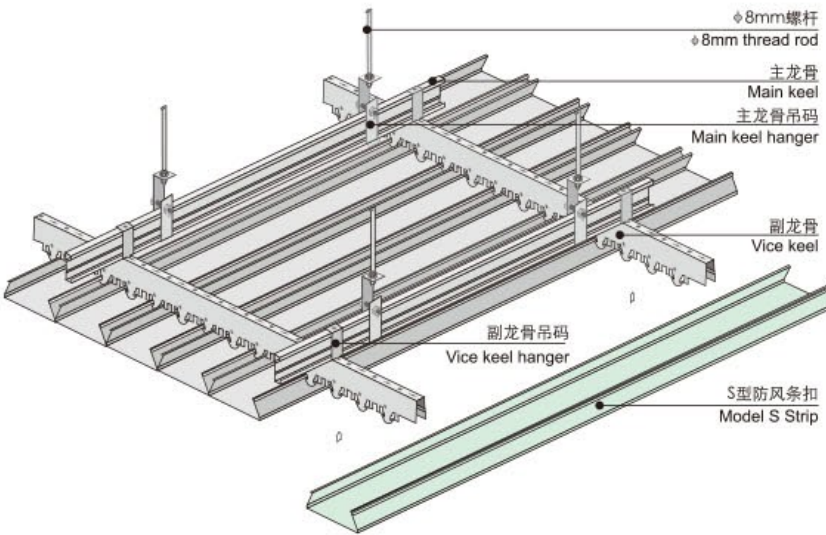
Common Specifications

S 型密闭式 (200、300) 面、长度≤ 6000mm



安装示意图

Installation Diagram



H-shaped Closed

LINEAR CEILING SYSTEM

H型拼密式条扣天花系列

产品特点 Product Features

H型拼密条扣是由优质铝带通过设备加工而成，直角结构，可加工平板或冲孔。同一龙骨可装拼不同规格的板条，结构紧密牢固，板块之间线条连贯，设计者可按照设计的需求用不同颜色或宽度的板条配搭混合安装使用，使得设计上有更多的变化，以达到更完美的效果。

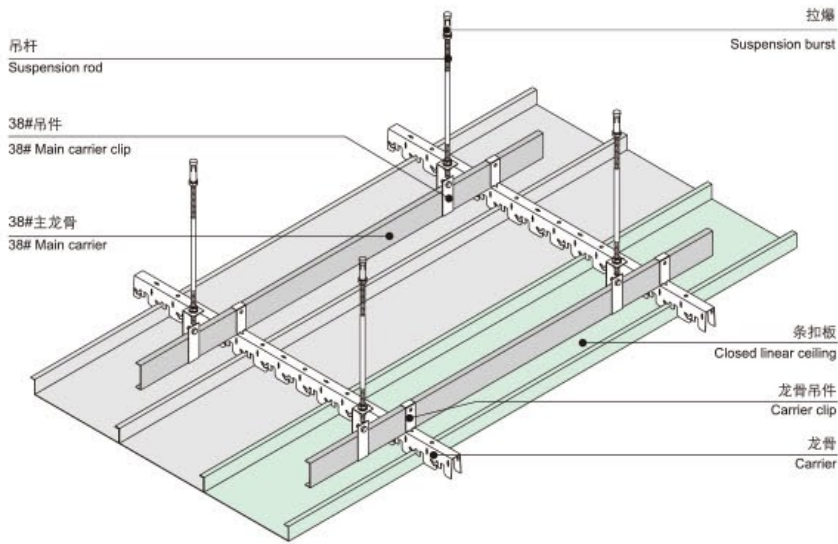
H-shaped closed linear ceiling is manufactured by equipment with high quality aluminum strip, right angle structure, can process flat plates or punching holes. The keel can be assembled with different specifications of lath, tight and strong structure, the lines between the plates are coherent, according to the different design requirement, the designers can match mixed installation for use with laths of different colors or width, enable more changes on the designs to achieve a more perfect effect.

常用规格 Common Specifications

矮身密缝 (Low H-shaped closed) / 宽度 Width: 200mm
高度Height: 20mm
高身密缝 (Height H-shaped closed) / 宽度 Width: 200mm, 300mm, 400mm, 500mm
高度Height: 30mm



安装示意图 Installation Diagram



G-shaped Seam

LINEAR CEILING SYSTEM

G型有缝式条扣天花系列

产品特点 Product Features

G型条扣天花有别于传统的天花，选用优质铝材，精密加工成型，并提供丰富的色彩选择，无缝拼接：板与板之间形成凹槽，抵消板面可能出现的变形、凹陷等隐蔽缺点，从而达到天花板之间的接合更完美无暇，远近观望天花明暗相间，突出空间较强的层次感和立体感。

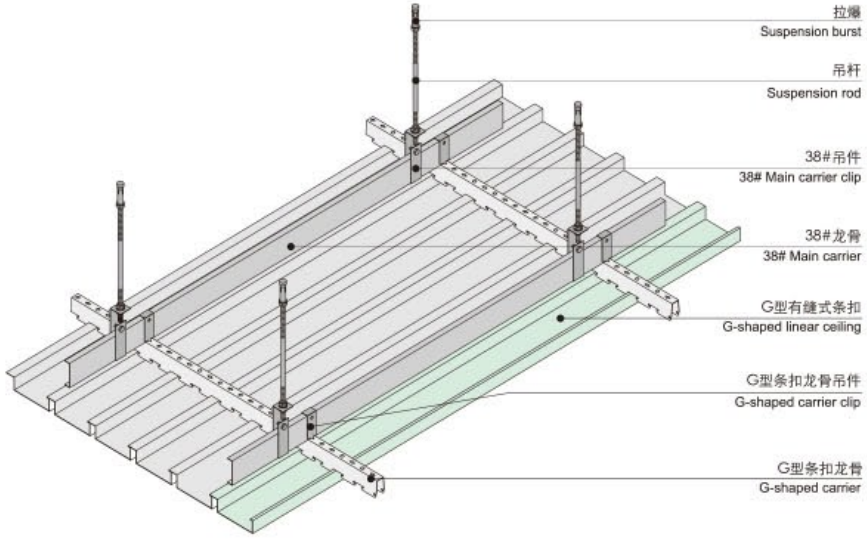
G-shaped linear ceiling is different from the traditional ceiling, with selection of high quality aluminum, the precise forming process and rich color choice, Seamless splicing: groove is formed between the plates, offsetting the possible hidden defects of deformation and sagging, etc. on plate surface, so as to achieve more perfect joints between the ceiling plates, no matter looking from far or close distance, the ceiling shows an alternation of light and dark, highlight a strong sense of hierarchy and three-dimensional sense of the space.

常用规格 Common Specifications

宽度Width: 100mm, 200mm, 300mm, 400mm;
高度Height: 15mm



安装示意图 Installation Diagram



High Side Wind-resistant

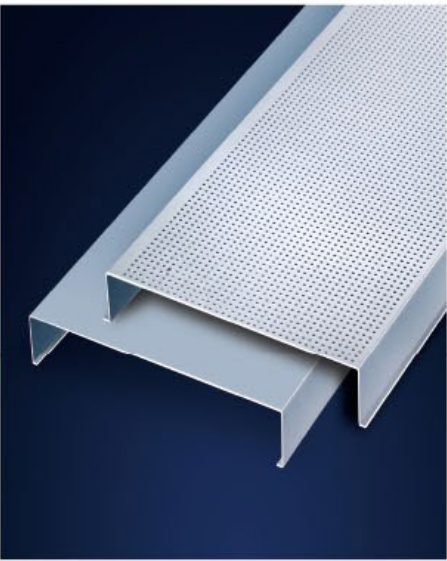
LINEAR CEILING SYSTEM

高边防风条扣天花系列

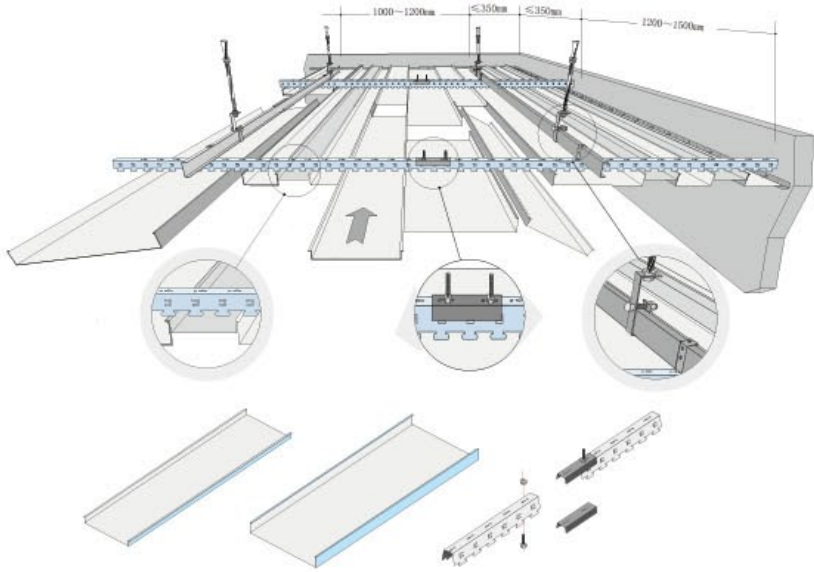
产品特点 Product Features

高边防风条扣吊顶系统呈长条形分布。板面平整。拼缝细密，棱线分明，不同宽度可实现多种组合。吊顶系统规整、大方、排布紧凑、视角空间增大，现代感强烈。具有阻燃、防腐、防潮的优点，而且装拆方便，方便施工和维护。也可在穿孔板背面覆加一层吸音棉纸或黑色阻燃布，能够达到一定的吸音标准。广泛应用于加油站，高级写字楼、开放型办公室、机场、宾馆、会所、银行、商场、展览馆等。

The high-rising weather strip buckle ceiling system has a long strip distribution. Flat surface. Patchwork is fine, ridges are clear, and different combinations of widths are possible. The ceiling system is neat, generous, compact, and has a wide viewing space, and it has a strong sense of modernity. It has the advantages of flame-retardant, anti-corrosion and moisture-proof, and it is easy to install and disassemble, which is convenient for construction and maintenance. It is also possible to add a layer of sound-absorbing tissue paper or black flame-retardant fabric on the back of the perforated plate to achieve a certain sound-absorbing standard. Widely used in gas stations, high-level office buildings, open offices, airports, hotels, clubs, banks, shopping malls, exhibition halls and so on.



安装示意图 Installation Diagram



Wind-resistant Linear

CEILING SYSTEM

防风式挂片天花

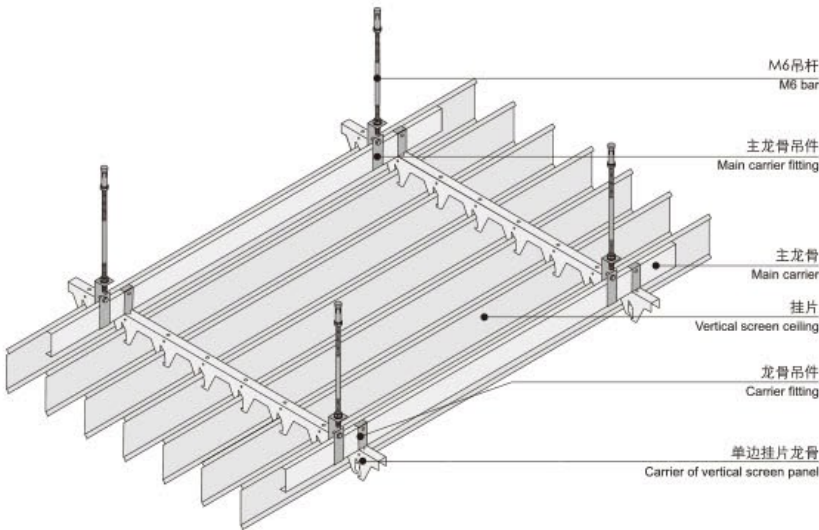
产品特点 Product Features

这是一种装饰性天幕型吊顶，可调节房屋视觉高度，并可隐藏楼底的所有管道和其他设施，同时还可以使进入房间的日光或灯光柔和均匀。挂片天花由铝合金条板及龙骨组成，装拆灵活。钩搭式有124mm高，挂片天花绝不影响房屋的吸音以及消防喷淋、空调系列等设施的安装，备有多种颜色可供选择。该产品适用于建材装饰、机场、地铁站等大型场所。

This is a type of decorative ceiling canopy, adjustable housing visual height ceiling and hide all the pipelines and other facilities, but also can make the sunlight into the room, or even soft lighting. Coupon from aluminum slats and ceiling keel composed of flexible assembly and disassembly. Catching style has 124mm high, hanging ceiling will not affect the installation housing piece acoustic and fire sprinkler, air conditioning and other facilities series, available in a variety of colors to choose from. The product is suitable for large venues decorative building materials, airports, subway stations.



安装示意图 Installation Diagram



Hook Type

SCREEN CEILING SYSTEM

钩搭式挂片天花系列

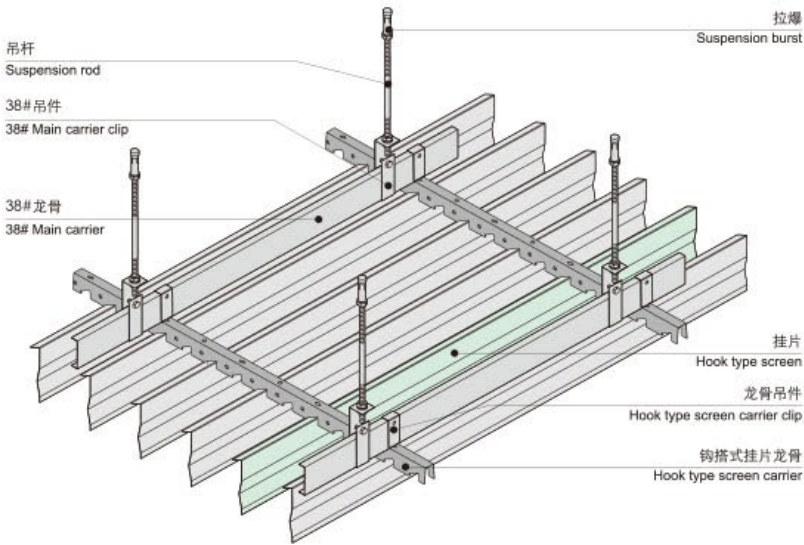
产品特点 Product Features

采用铝合金平板或冲孔板经静电粉末喷涂而成，是敞透式设计的组合，具有防火、防潮、吸音功能，板面及线条的整体及连贯性强，采用直插式安装法，便于楼顶的其它设施的维修。可以双面同一种颜色，也可以设计订做不同颜色，配合灯光设计，可拼装出更加优美的装饰效果；也可调节房屋视觉高度，产生幕布效果。

It is manufactured by aluminum alloy plate or plate with punching holes, painted through electrostatic powder spraying, is a combination of open structure design, with functions of fireproof, moisture-proof, noise-absorbing function, the surface and the lines are as a whole and with strong coherence, the plug-in installation method makes it convenient for the maintenance of other facilities located on the roof. Both sides visible many be made in same color for both sides or different color on each side as customize designed, matched with lighting design, it can be assembled with more beautiful decorative effect; it can also adjust the visual height of the house, producing a curtain effect.



安装示意图 Installation Diagram



Dripping Type

SCREEN CEILING SYSTEM

水滴式挂片天花系列

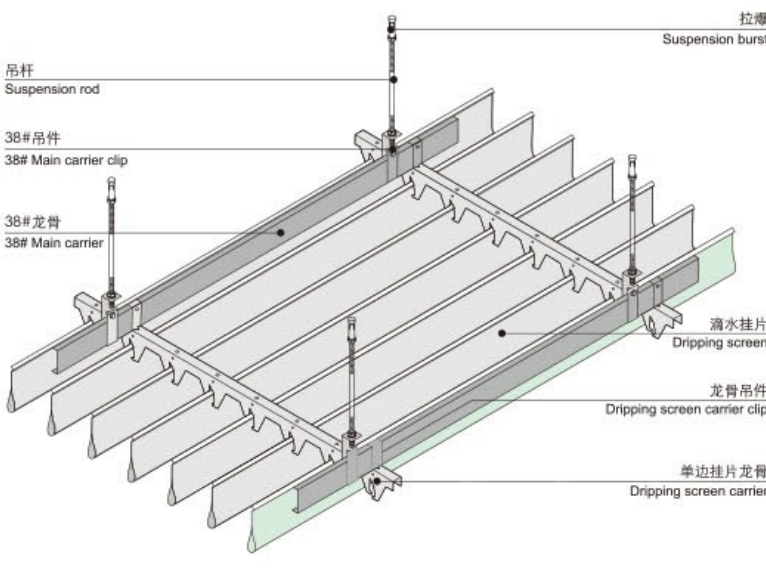
产品特点 Product Features

滴水挂片是呈水滴状的一种独具特色的天花系列，富于浓烈的现代气息，完美的造型令装饰效果更加新奇。通透、明亮：滴水挂片系统通透宽敞，便于空气的流通，排气散热的时候，能够使光线分布均匀，使整个空间宽敞明亮。改善空间距离感：能使长距离的空间显得更宽敞，使长形空间不再因为距离而产生局促感，简洁而非平板，充足的光感与次序感，更使空间充满时尚气息。

Dripping screen ceiling is a kind of unique ceiling series in water-drop shape, the rich modern smell, the perfect modeling makes the decoration performance more novel. Permeable, bright: dripping screen ceiling system is permeable and spacious, easy for air circulation, when exhausting air and dissipating heat, it can also make the light distribution evenly so that the whole space looks bigger and brighter. Improve the spatial distance sense: can make long distance space looks more spacious, eliminated the sense of uneasiness for elongated space because of the distance, being concise but not flat, adequate light perception and good order, makes the space full of fashionable smell.



安装示意图 Installation Diagram



Special-shaped Square

TUBE CEILING SYSTEM

异形方管天花系列

产品特点 Product Features

型材方通通过连续滚压或冷弯成型，安装结构为专用龙骨卡扣式结构，安装方法简单方便，适用于室内装饰。产品有着开透、吸音和装饰等功能，并且具备现代时尚、超前效果。通过面板高度、方向以及照明和颜色的变化，将吊顶表现得更加通透和富有动感。

Special-shaped baffle tube ceiling is formed through continuous rolling or cold roll bending, the installation structure is a special keel clip buckled structure. The installation method is simple and convenient, and is suitable for indoors decoration. Product have open and permeable, noise-absorbing and decorative features, with modern fashionable and leading performance. Through the height and direction of the surface plate, and the change in lights the colors, the suspended ceiling is more permeable and dynamic.



U-shaped Square

TUBE CEILING SYSTEM

U型方管天花系列

产品特点 Product Features

一种装饰性天幕型吊顶，可调节房屋视觉高度，并可隐藏楼底的所有管道和其他设施，同时还可以使进入房间的阳光或灯光柔和均匀。

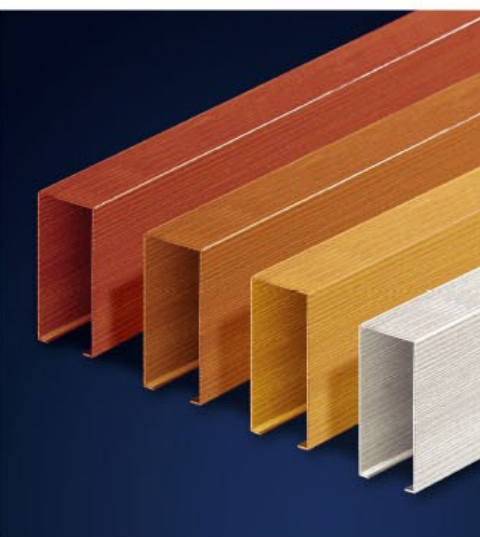
具有开放的视野，通风、透气，其线条明快整齐，层次分明，体现了简约明了的现代风格，安装拆卸简单方便，成为近几年风靡装饰市场的主要产品。

A decorative ceiling can adjust to the height of vision and also conceal all pipe and other facilities, moreover, it can be make sunlight or lamplight soft uniform It has open vision, ventilation, breathable, lively and tidy line, distinct, reflected contracted modern style, simple and convenient operation, becoming main products in popular decoration market.

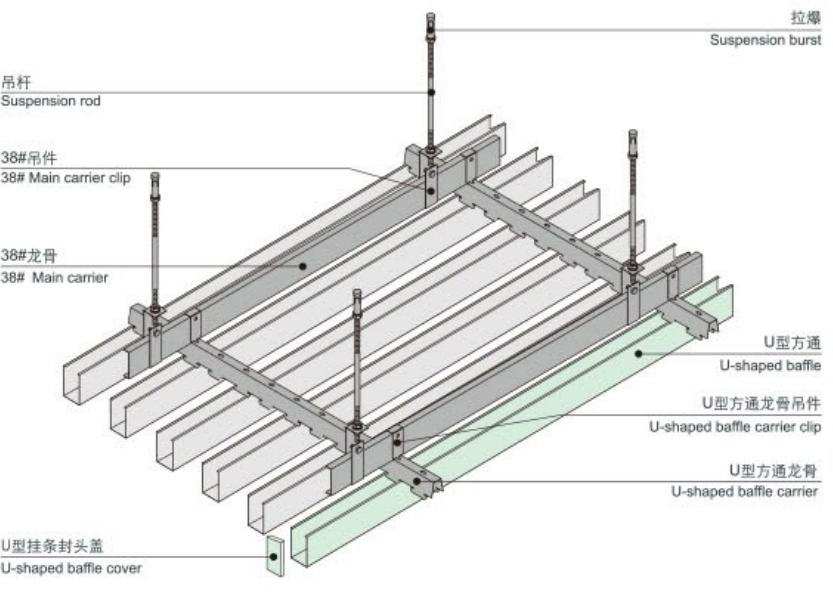
常用规格 Common Specifications

普通底宽：20-80mm
高度范围：20-300mm

超宽底宽：100-300mm



安装示意图 Installation Diagram



Circular Square

CEILING SYSTEM

型材方管天花系列

产品特点

Product Features

型材方管通过连续滚压或冷弯成型，安装结构为专用龙骨卡扣式结构，安装方法简单方便，适用于室内装饰。产品有着开透、吸音和装饰等功能，并且具备现代时尚、超前效果。通过面板高度、方向以及照明和颜色的变化，将吊顶表现得更加通透和富有动感。

Circular square ceiling is formed through continuous rolling or cold roll bending, the installation structure is a special keel clip buckled structure. The installation method is simple and convenient, and is suitable for indoors decoration. Product have open and permeable, noise-absorbing and decorative features, with modern fashionable and leading performance. Through the height and direction of of the surface plate, and the change in lights the colors, the suspended ceiling is more permeable and dynamic.

常用规格

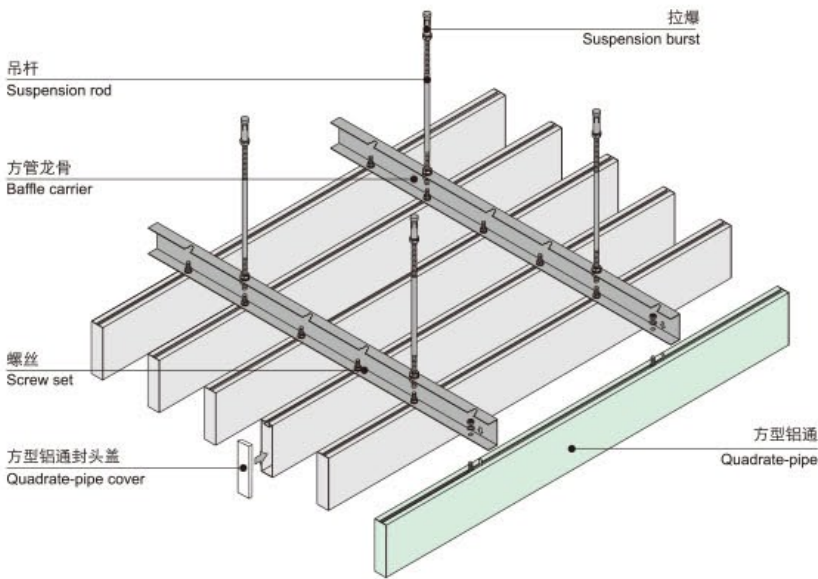
Common Specifications

宽度Width: 25mm/30mm
高度Height: 50、60、70、80、90、100mm



安装示意图

Installation Diagram



Circular Tube

CEILING SYSTEM

型材圆管天花系列

产品特点

Product Features

结构简单：由特殊铝材通过挤压成型，产品硬度好，安装结构为利用上层50#c槽为主骨，以螺丝和特造的构件与型材圆通连接，防风性强，适用于户外装饰，(龙骨间距可任意调节)；维护方便：每条圆通都是独立的，可随意安装与拆卸，无需特别工具，方便维护和保养；可将灯具、空调系统、消防设备置于天花板内，以达到整体一致的完美视觉效果。

This system is open vision, with circular soft edges crisp lines, after the installation of the entire space harmonious and there is no lack of smooth three-dimensional sense of line, modern effect very good;Simple structure: by special aluminum through extrusion molding, product hardness, installation structure for the utilization of slot of the upper 50#c mainly keel, connected by screws and the component and the profiles of tact, wind resistance, applicable for outdoor decoration, (keel spacing can be adjusted); Easy maintenance, each ripeness are independent, optional installation and dismantling, we dont have use for special tools, and convenient maintenance.

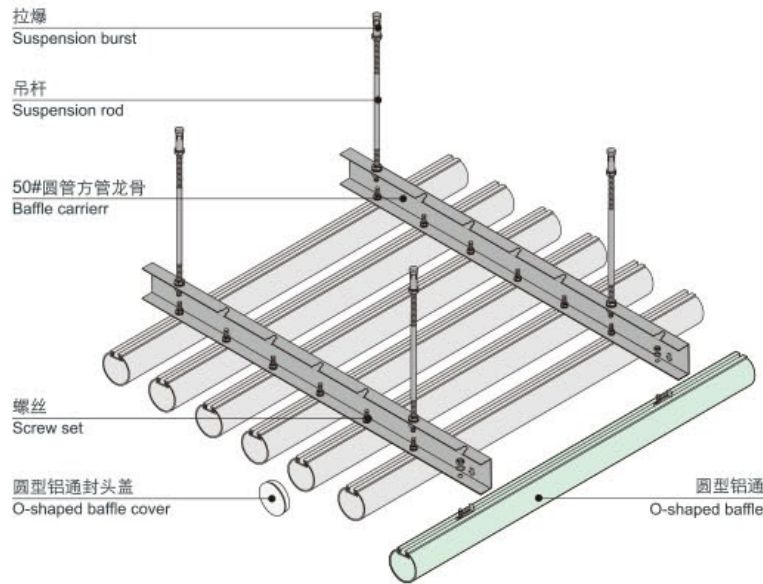
常用规格

Common Specifications



安装示意图

Installation Diagram



Grille

CEILING SYSTEM

格栅天花系列

产品特点

Product Features

格栅天花吊顶系统是格栅主骨条及副骨条纵横交叉半进行单元组合而成的开敞式装饰吊顶。格栅天花系统递风效果好，防火性能高，安装简单，结构精巧，层次丰富，有开阔的立体效果，装饰后外观优美，色彩绚丽。

吸音功效：由于格栅天花特殊结构可将音源切割分段，达到减缓回音共鸣的效果，特别适用于人多嘈杂的大空间，是极佳的吸音材料。

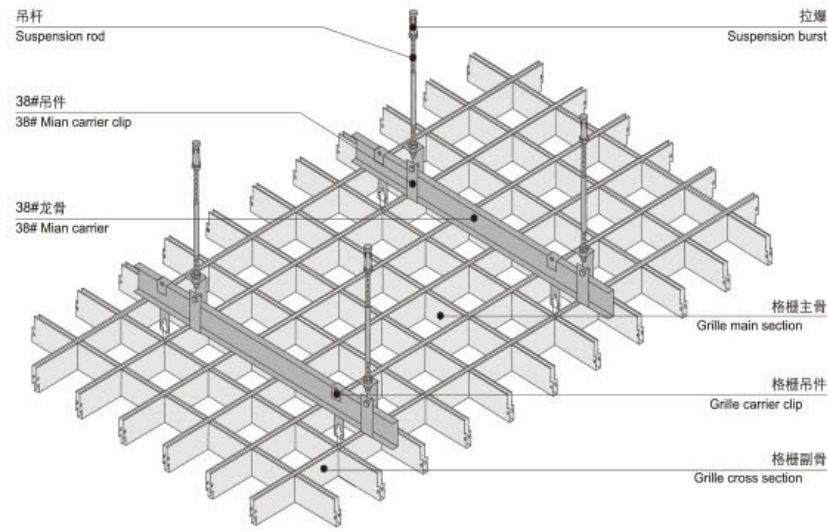
The grille ceiling is open adornment ceiling which main grid keel and secondary keel cross, it is high fire resistance performance, simple installation, compact structure, rich level, a spacious effect, beautiful decoration, beautiful color.

Sound-absorbing function: Due to the special structure of grille ceiling can be the source segmentation. To reduce the effect of echo resonance, especially in the noisy and crowded space, is an excellent sound-absorbing material.



安装示意图

Installation Diagram



Aluminum Modelling

GRILLE SYSTEM

造型铝格栅系列

产品特点

Product Features

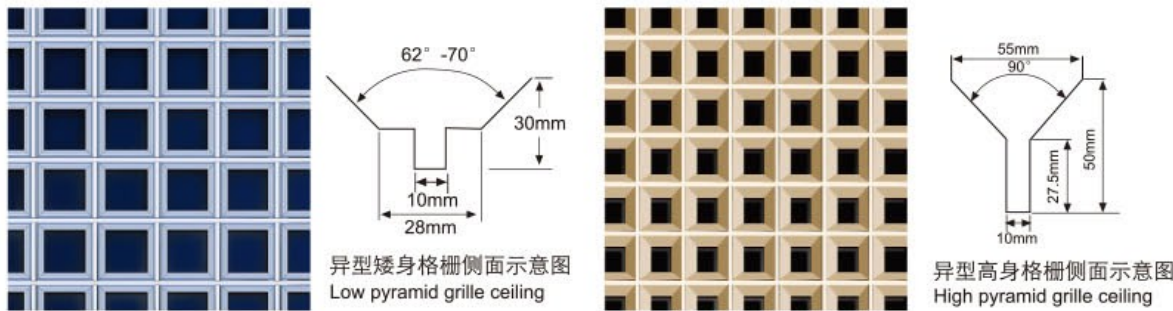
采用优质铝合金板，特殊的凸型构造形成塔型格栅，开敞式空间，有利于通风设施和消防喷淋的布置和安排，而不影响整体视觉效果，色泽均匀一致，户内使用，质保10年不变色。用于隐蔽工程繁多、人流密集的公共场所，便于空气的流通、排气、散热的同时，能够使光线分布均匀，使整个空间宽敞明亮。

Using high quality aluminum alloy plate, a special convex structure forms tower type grille, its open space is conducive to the layout and arrangement of the ventilation facilities and fire-extinguishing sprinkler without affecting the overall visual effect, uniform color, being used indoors, warranty for no discoloration in 10 years. It can be used in the public places with lots of hidden engineering projects and crowded public places, which can make the air distribution, air exhaust and heat dissipation as well as make uniform light distribution, enabling the whole space to be bright and bright.



常用规格

Common Specifications



矮身异型格栅/高身异型格栅 Low Pyramid Open Cell Ceiling/High Pyramid Open Cell Ceiling
100x100、110x110、120x120、125x125、150x150、200x200、250x250、300x300mm

表面处理 Surface Treatment
喷涂、滚涂、木纹转印



Engineering EXAMPLES 工程实例

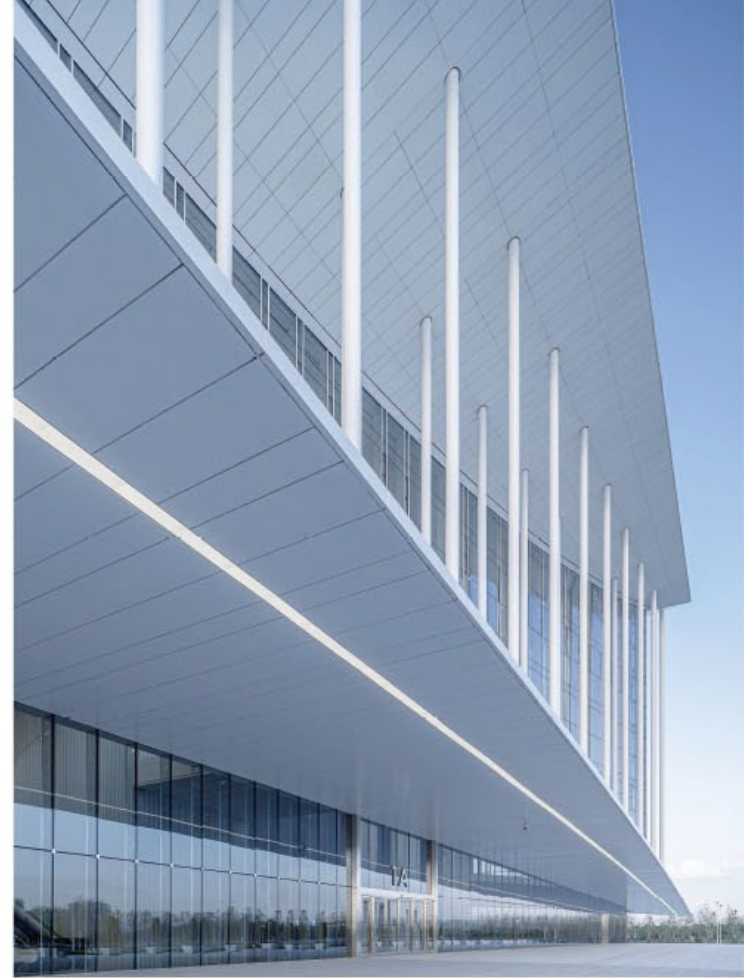


建筑艺术是指按照美的规律，运用建筑艺术独特的艺术语言，使建筑形象具有文化价值和审美价值，具有象征性和形式美，体现出民族性和时代感。

Architectural art refers to the use of the unique artistic language of architectural art according to the law of beauty, so that the architectural image has cultural value and aesthetic value, with symbolic and formal beauty, reflecting the nationality and sense of the times.

Project Case

工程展示篇





Project Case

工程展示篇



建筑是人类记忆的侧影，它记载着每一个时代的文明，也由此形成一种灿烂的人类文化。面对人事变迁的时代潮流，经典建筑的沉默在某种意义上意味着时代的黯淡甚至湮没。这个时代，我们更需要一种百年后依然光芒四射的新经典。

Architecture is the silhouette of human memory, it records the civilization of every era, and thus the formation of a brilliant human culture. In the face of the trend of personnel changes in the times, the silence of the classic building in a sense means that the times are bleak or even annihilation. The time, we need a new classics architecture still brilliant after a hundred years.





Project Case

工程展示篇

Project Case

工程展示篇



建筑的目标在创造完美，也就是创造最美的效益。但更有力的说法是：建筑留存下来因为它是艺术，因为它超越实用。

The goal of architecture is to create perfection, that is to create the most beautiful benefits. But a more powerful argument is that architecture survives because it is art, because it transcends utility.

