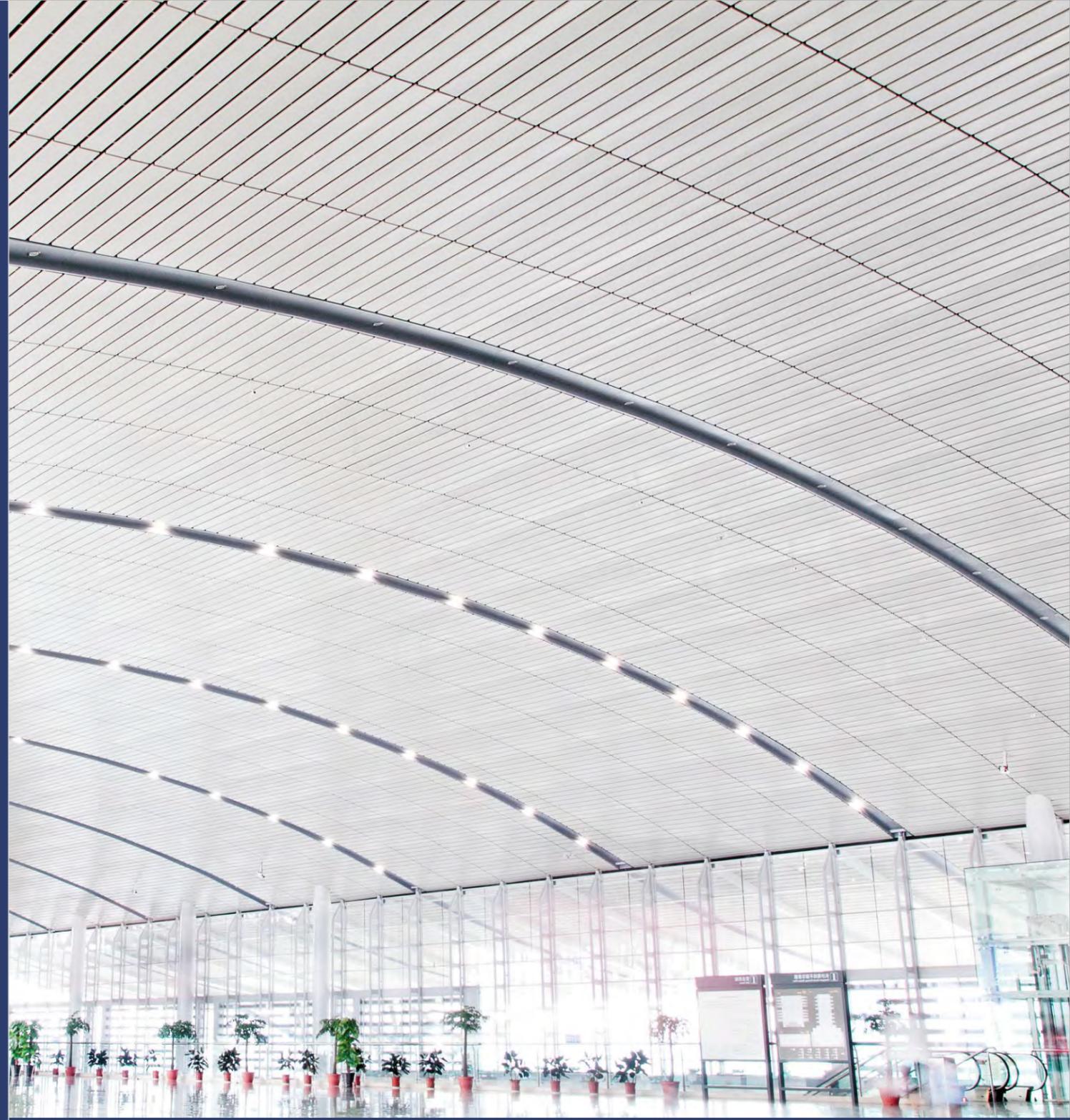




**Fujian Minmetals CBM Co., Ltd.**

Tel & Wechat & WhatsApp : +86-18649721534      <https://www.cbmindustry.com>

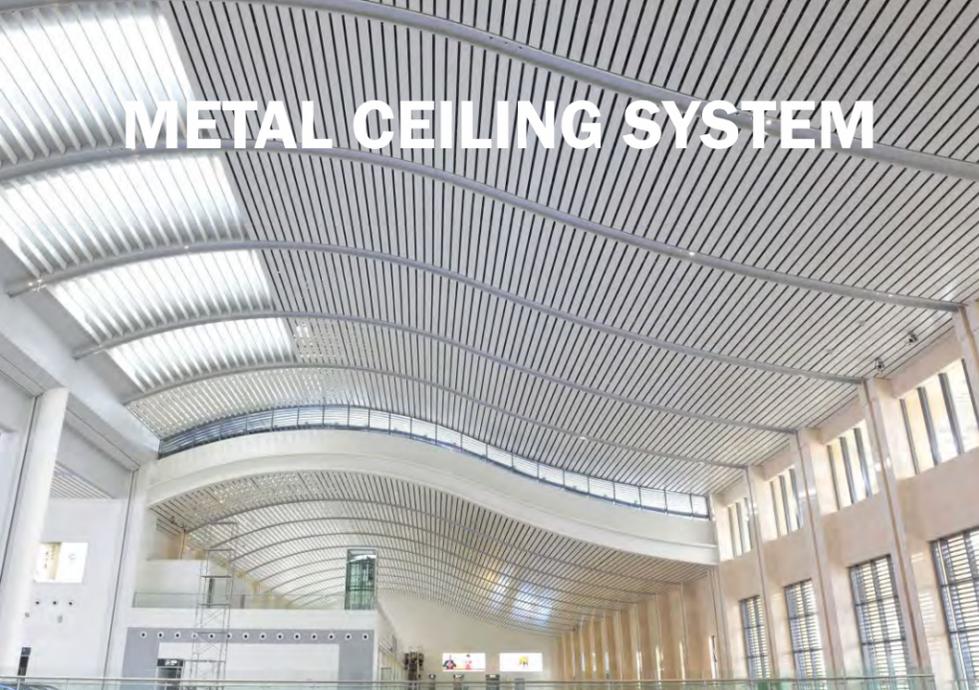
Office Add : 9/F.Tower 1,Thaihot Plaza Wusibei, Jinan,Fuzhou,Fujian,China.



## **METAL CEILING & FACADE SYSTEM**

THE DURABILITY AND AESTHETICS OF THE METAL CEILING AND FACADE SYSTEM MAKE IT A TOP CHOICE FOR ANY MODERN BUILDING.

**METAL CEILING SYSTEM**



**METAL FACADE SYSTEM**





**CUSTOM DECORATIVE PANEL SERIES**

## CUSTOM DECORATIVE METAL PANEL

Customized metal panel is a type of construction material made from metal sheets that can be cut and shaped to fit specific project requirements. The advantages of customized metal panels are numerous.

First, they offer a modern, sleek look and are available in a variety of finishes and colors, making them suitable for a wide range of architectural designs. They are also durable, long-lasting, and require minimal maintenance. In addition, they can be customized to meet specific project requirements, such as size, shape, and perforation patterns.

Customized metal panels have become increasingly popular worldwide due to their aesthetic appeal, durability, and flexibility in design. They are commonly used in commercial, institutional, and residential buildings and are considered a sustainable building material due to their recyclability and energy efficiency.

### • Why We Choose Custom Decorative Metal Panel?



Cost-effective



Environment Friendly



Easy to Install



High Functional



Weather and Temperature Resistant



Fire Resistance



Customizability



Long Lasting



Low-maintain



### • Aluminum Alloy Material Performance

Aluminum Alloy Model	Strength	Corrosion Resistance	Workability	Weldability	Tensile Strength	Bending Strength	Elongation
A1100	Low	Excellent	Excellent	Poor	110-136 Mpa	70 Mpa	35-40%
A3003	Medium	Good	Good	Good	130-180 Mpa	115 Mpa	18-25%
A5052	High	Excellent	Good	Poor	210-260 Mpa	190 Mpa	12-17%
A6063	Very high	Good	Good	Good	240-310 Mpa	210 Mpa	16-23%

#### Note:

A1100 is an aluminum alloy with a purity of 99.00%, which makes it very soft and ductile. **It has excellent workability, flexibility and formability and is easy to weld**, but it has low strength compared to other alloys. This makes it suitable for metal ceiling and wall applications.

A3003 is an aluminum-manganese alloy with good corrosion resistance, moderate strength, and excellent workability. **It is commonly used in decorative metal ceiling and wall industry** because of its ability to be easily formed into various shapes and its good corrosion resistance properties.

A5052 is an aluminum-manganese alloy with higher strength than A3003, and is commonly used in applications where higher strength and durability are required, such as in the marine and aviation industries. It also has good corrosion resistance and is **often used with anodizing finish panel**.

A6063 is a heat-treatable aluminum alloy with **good extrusion properties**, which makes it a popular choice for architectural applications such as window frames, door frames, and curtain walls.

For m

## METAL FLAT PANEL

Metal flat panels are sheets of metal that are used as a building material in a variety of applications, including roofing, cladding, and facades. They are typically made from aluminum or steel and can be coated or finished in a variety of ways to provide a range of aesthetic options.

The production process involves several steps, including cutting the metal to size, forming it into the desired shape, and applying any coatings or finishes. The metal can be formed using various techniques, such as roll forming or stamping.

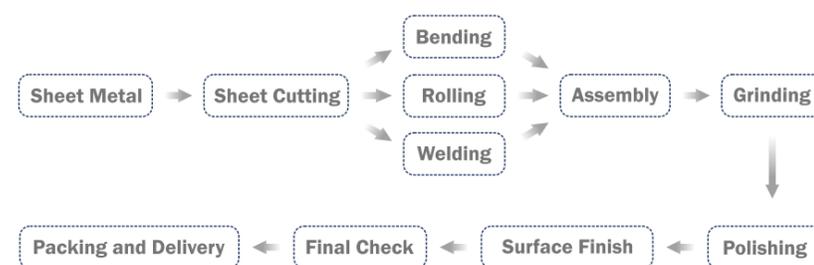


### Specification

Panel Dimensions	
Regular Size	Width within 1300mm Length within 3000mm

\* Width over 1300 to 2000mm length up to 6000mm for one panel can be provided but the cost will be increased due to its particularity.

### Production Procedure



## ONE-WAY CURVING PANEL

One-way curving panel is a type of curving panels that have a smooth, curved surface that can be customized to create a unique design. They are commonly used in architectural designs for decorative column covers and ceiling decoration.



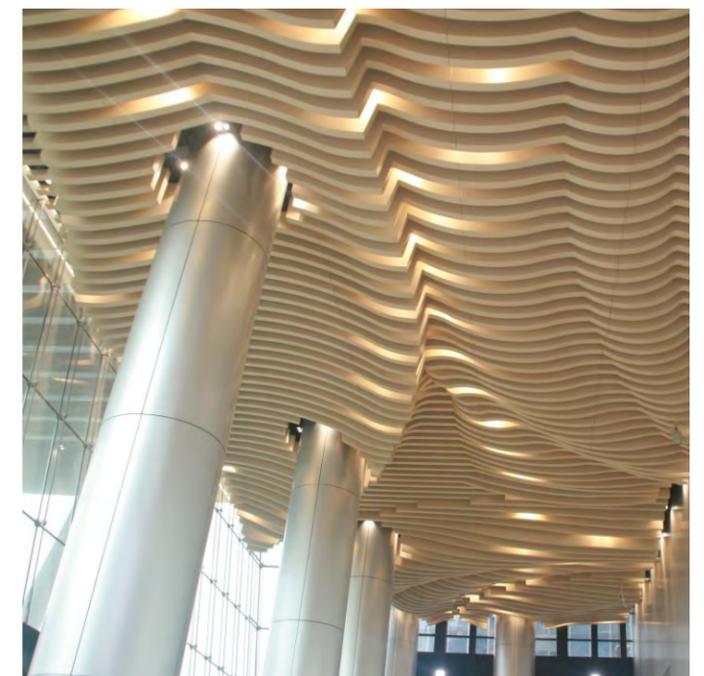
### Specification

Panel Thickness	Minimum Radius	Maximum Radius	Maximum Width	Maximum Length
1.5 - 5mm	500mm	5000mm	1500mm	6000mm

Note: Custom sizes are also available upon request.



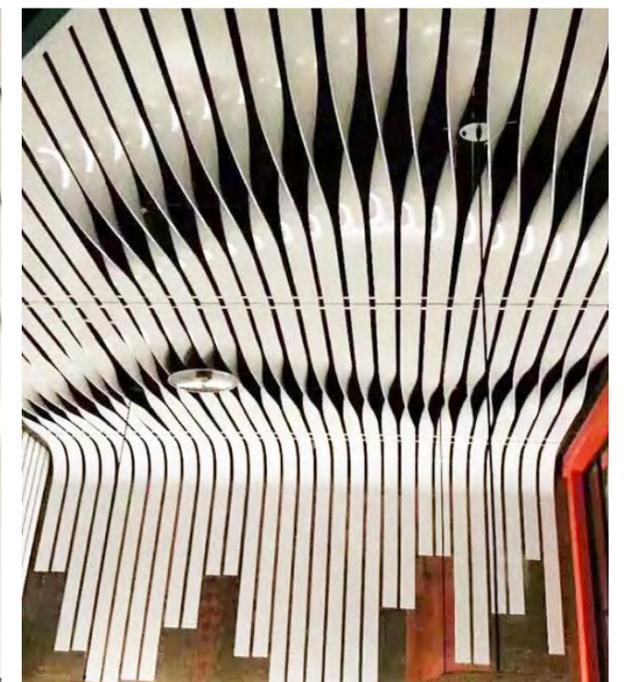
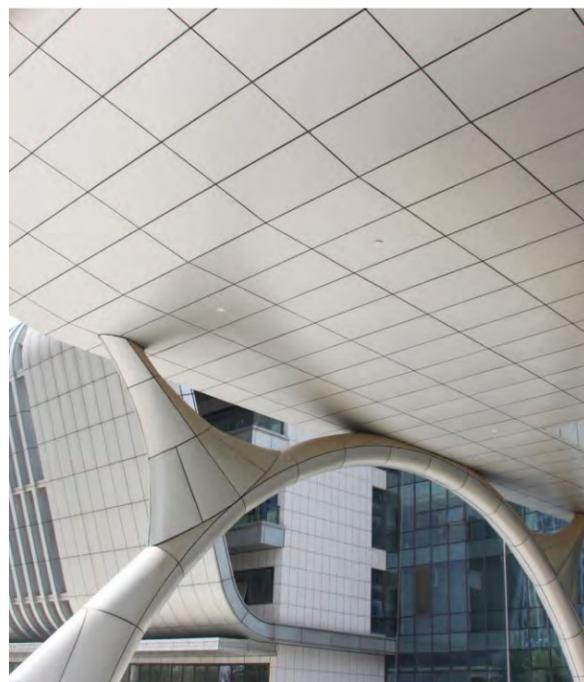
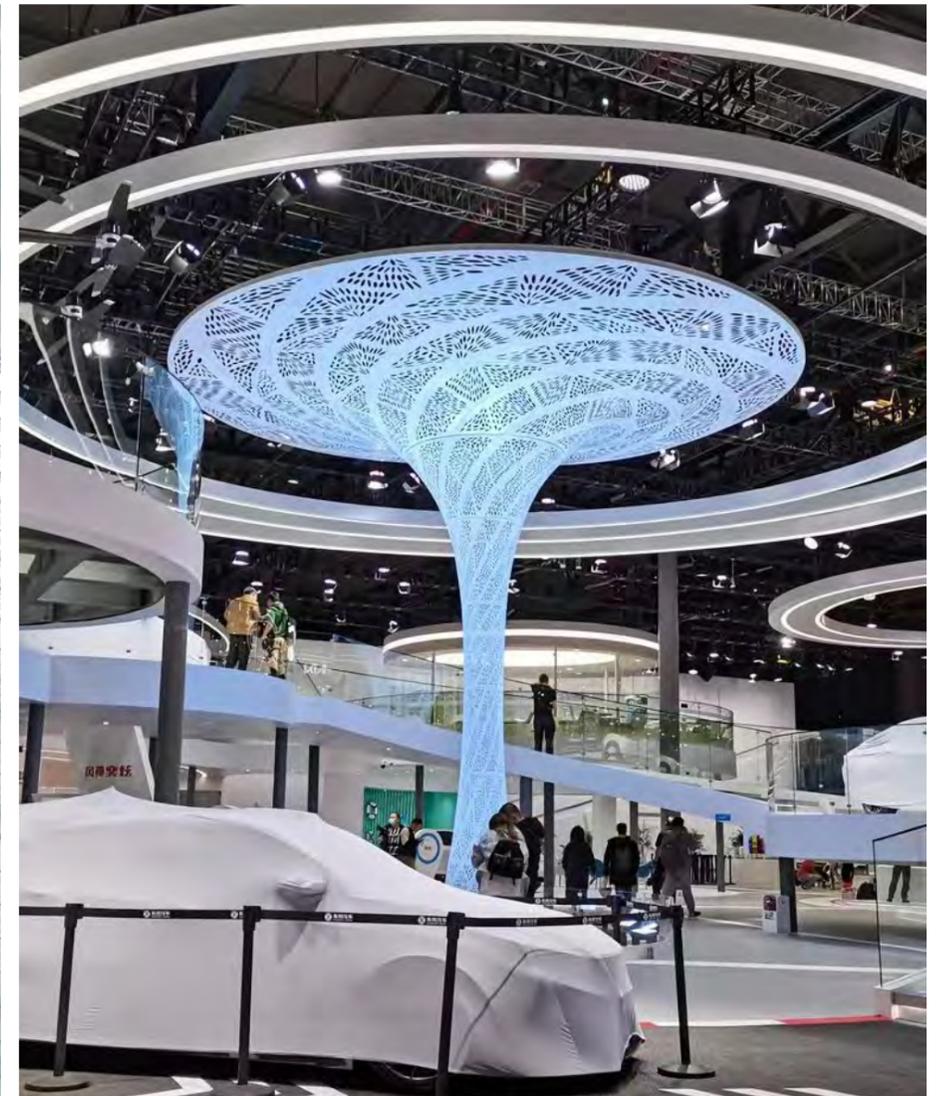
Hongkong International Airport



## HYPERBOLIC PANEL

Hyperbolic panel is a type of decorative panel commonly used in architecture and interior design. It features a curved shape that creates a three-dimensional effect, adding a dynamic and unique aesthetic to the space.

The panels are usually custom-made to fit the specific requirements of the project. Overall, hyperbolic panels are a popular choice for designers and architects who want to create a visually stunning and distinctive look for their projects.



## COMPOSITE PANEL

### Honeycomb Panel

Honeycomb Panel is a type of composite panels, also called sandwich panels, are a widely used construction material for facade, wall, and ceiling decoration. They consist of an insulation core between two metal panels, offering superior strength and durability. Composite panels are particularly suitable for large panel design projects as their structure enables a flatter finish compared to solid panels

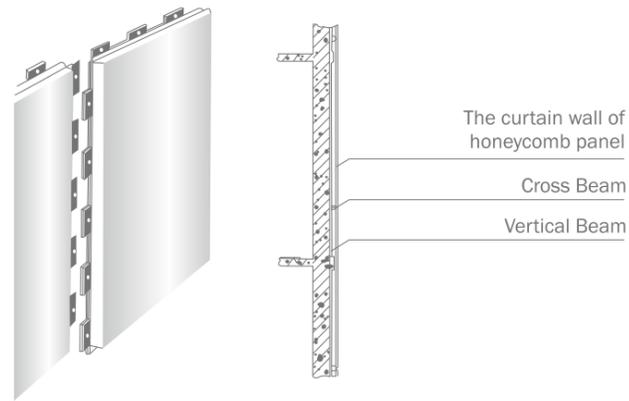


### Advantage

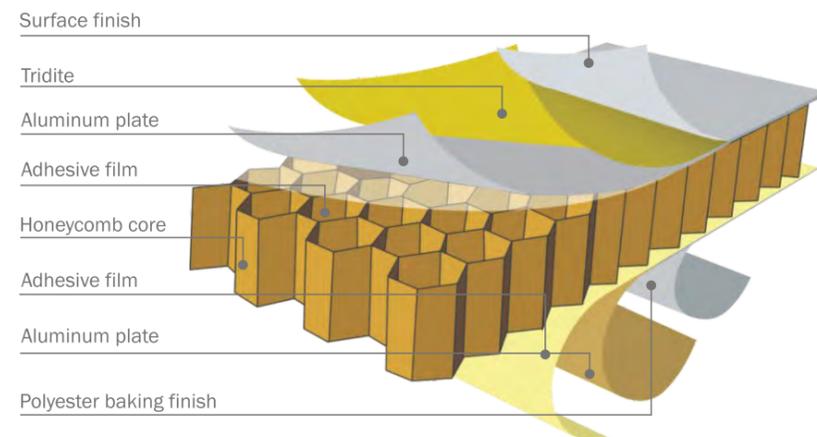
- Lightweight
- High Strength
- Extreme-Flat
- Extra Large Panel
- Good Sound Insulation
- Good Thermal Insulation
- Easy Installation



### Installation



### Composition



### Specification

<b>Material</b>	1. Aluminum 2. Stainless Steel
<b>Panel Size</b>	1200*2400, 1400*3000, 1200*240, 1400*3000, 1800*6000mm or customized.
<b>Total Thickness</b>	7-30mm, regular: 12mm (1+11+1)
<b>Front Panel</b>	0.8-3.0mm
<b>Back Panel</b>	0.5-1.0mm
<b>Core Thickness</b>	6-20mm
<b>Surface Aluminum Alloy</b>	1100, 3003, 3014, 5005, 5015, 6063, etc.
<b>Surface Finish</b>	Powder coating, painting, anodizing, and more in surface finish series.

Normally we only do the surface finishes on the front panel because it's appeared to be seem, and the back panel which is not to be seem is attached to the wall.



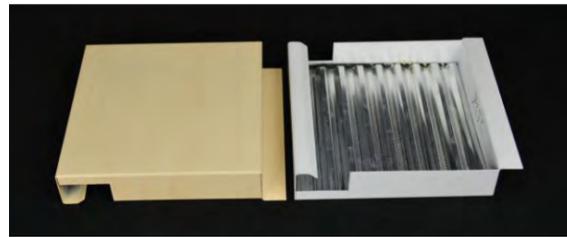
## COMPOSITE PANEL

### Corrugated panel

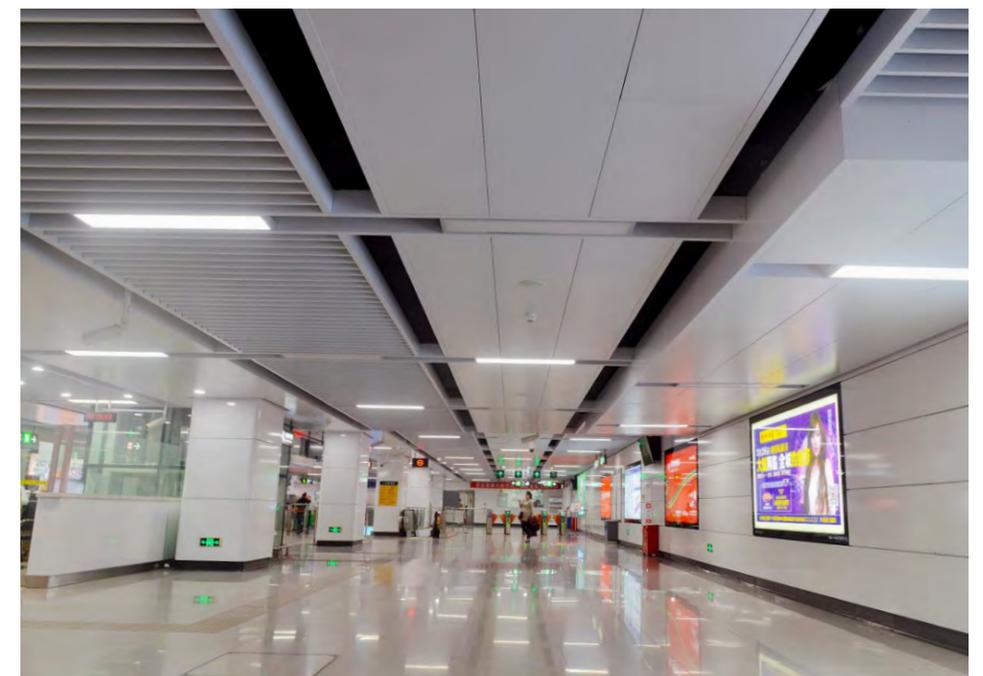
Corrugated panels are a type of construction material that feature a repeating wavy or rippled pattern attached to the back of the facing panels. They are frequently used in ceiling applications and are designed with a hook-on system

### Specification

Name	Detail	Note
Material	1.Aluminum 2.Steel	
Facing Panel Thickness	0.8-2.0mm	
Width	600-2000mm	Regular width is $\leq 1200$ mm
Length	Max 6000mm	



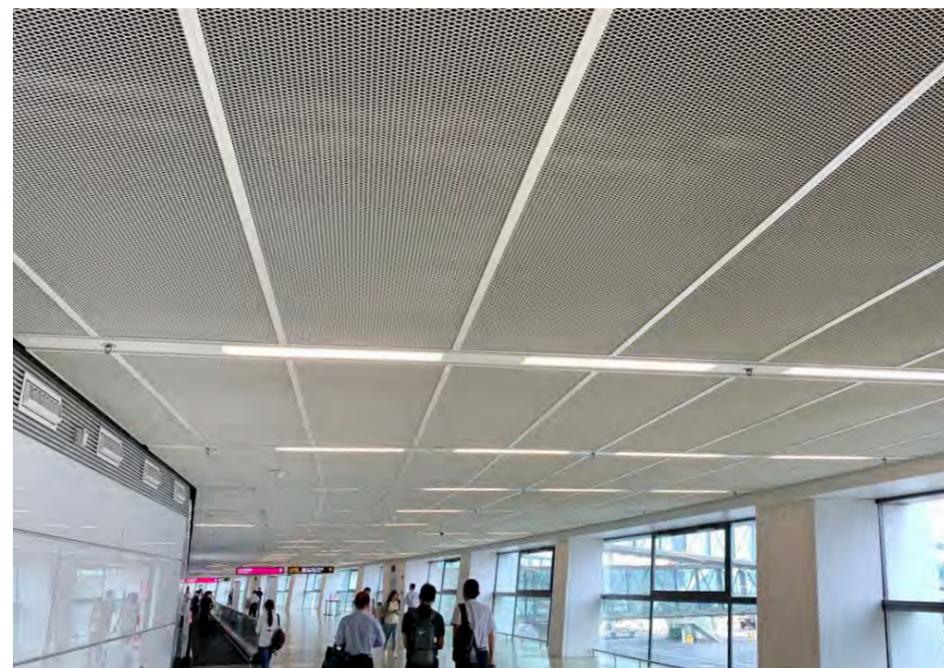
### Production



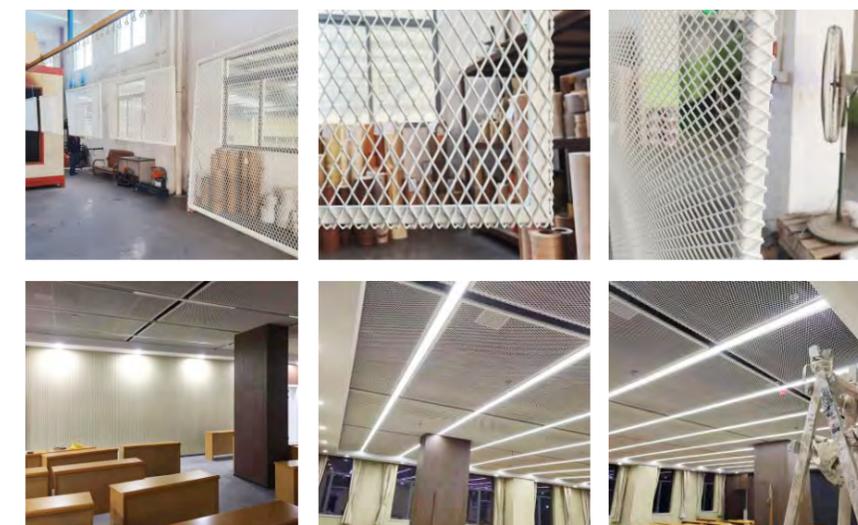
## MESH PANEL

Mesh metal panels are a type of decorative metal panel with a mesh-like pattern. They are commonly used for architectural and interior design purposes due to their unique aesthetic appeal and versatility. The panels are available in various materials such as aluminum, stainless steel, and brass, with different surface finishes and color.

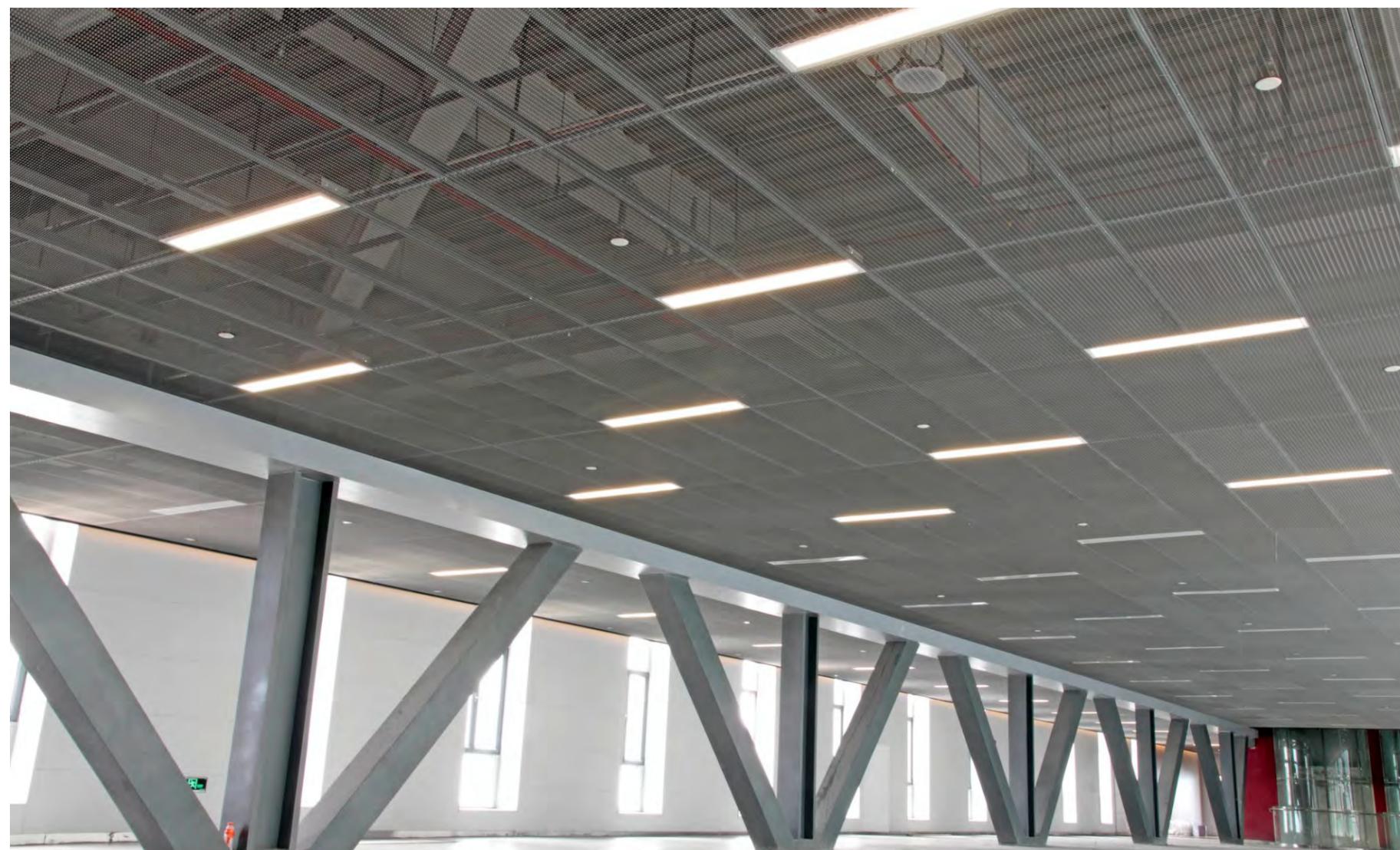
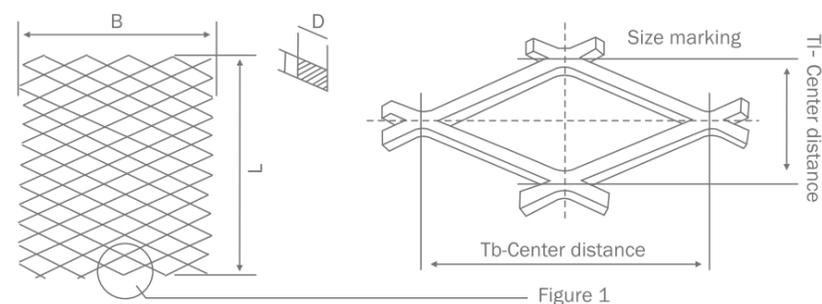
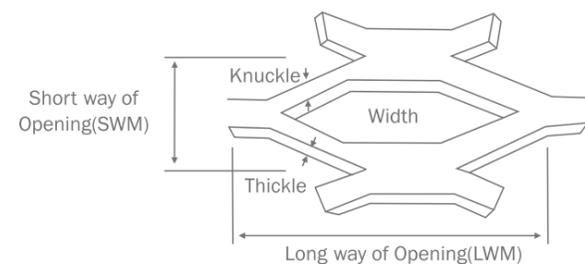
Mesh metal panels can be customized in terms of size, shape, and pattern to meet specific design requirements.



### Production and Installation



### Size Diagram



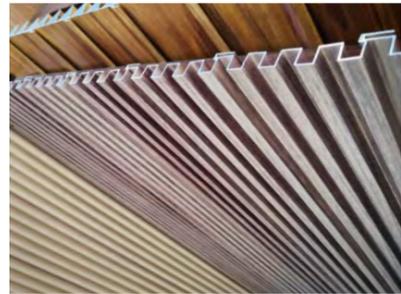
## WHATCHBAND PANEL

Watchband metal panel is a type of metal panel that has a distinctive woven appearance, resembling the links of a watchband. The panels are made from interwoven metal wires or strips, often in aluminum, creating a highly durable and strong material.

Extrusion is a manufacturing process in which a material is pushed through a die to create a specific shape or profile. While watchband metal panels can be made through extrusion, it is not the only manufacturing method for this type of panel. Other methods such as weaving or welding can also be used to create watchband metal panels.

### Product Characteristic

- Product Characteristics
- Durable and strong structure
- Customizable
- Woven appearance
- Open weave pattern
- Versatile applications





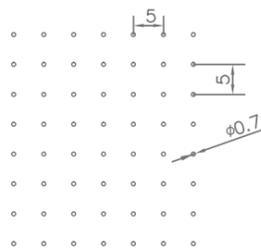
## PERFORATED PANEL

Custom decorative metal panels with perforation are a popular choice for architectural and interior design applications. Perforated metal panels are created by punching or drilling holes into the metal sheets, creating a pattern or design that adds visual interest and texture to the surface.

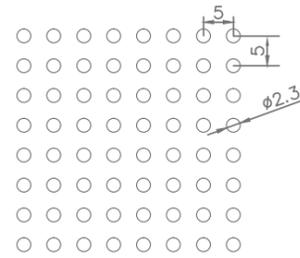
These panels are highly customizable, as the perforation patterns and hole sizes can be tailored to fit specific project requirements. The perforation patterns can range from simple geometric shapes to intricate designs, offering flexibility in design options.



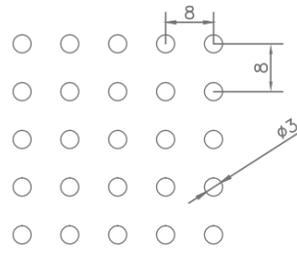
### Standard Perforation Diagram



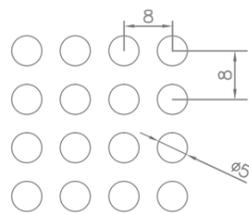
Diameter: 0.7mm  
 W ≤ 600  
 $\delta \leq 0.8$  (Aluminum)  
 Perforation rate: 1.54%



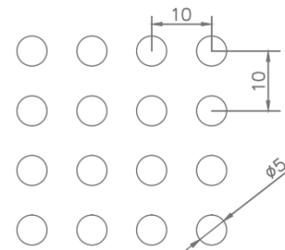
Diameter: 2.3mm  
 W ≤ 600  
 $\delta \leq 1.0$  (Aluminum)  
 Perforation rate: 16.6%



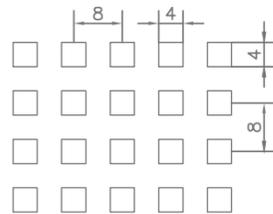
Diameter: 3.0mm  
 W ≤ 1100  
 $\delta \leq 2.0$  (Aluminum)  
 Perforation rate: 11.0%



Diameter: 5.0mm  
 W ≤ 1100  
 $\delta \leq 2.0$  (Aluminum)  
 Perforation rate: 30.7%



Diameter: 5.0mm  
 W ≤ 1100  
 $\delta \leq 2.0$  (Aluminum)  
 Perforation rate: 19.63%



Square hole: 4.0x4.0mm  
 W ≤ 1100  
 $\delta \leq 2.0$  (Aluminum)  
 Perforation rate: 25%

Above are partial. We have another 36 standard perforated styles, please contact PRANCE colleagues if you need them.

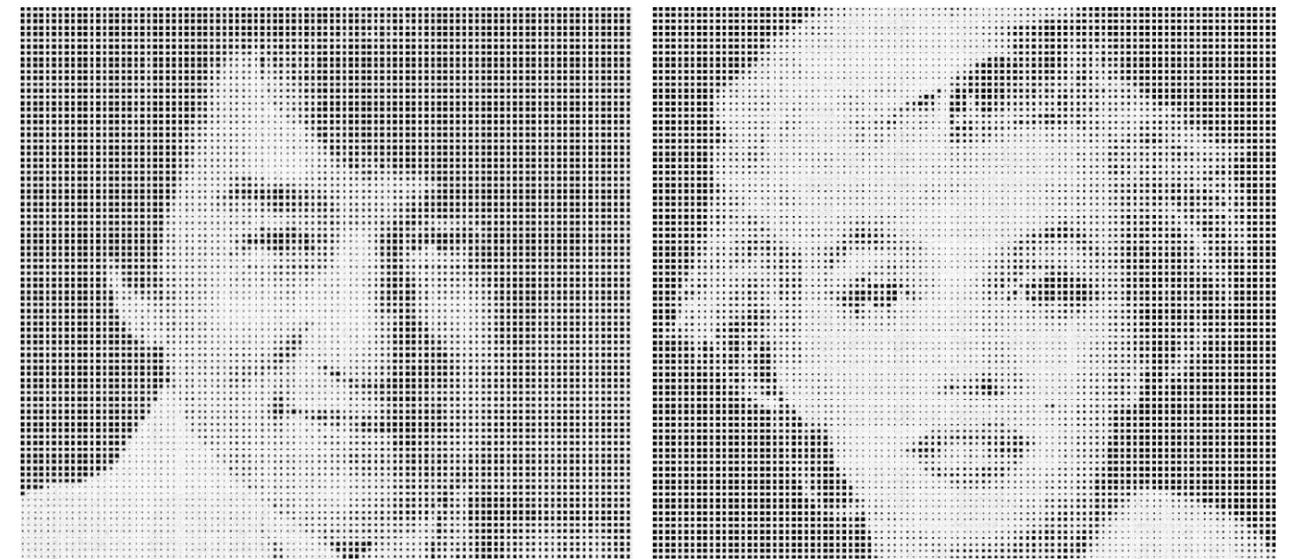
### Acoustic Function is Available.



One of the key reasons that panels are designed with perforation is sound absorption. We are able to provide acoustic solution and the test report if needed. Absorption will lessen the echo and reverberation within the room and improve speech intelligibility and overall clarity.

## CUSTOM PERFORATED PANEL

### Custom Perforation—Unlimited design



### Micro Perforation—Trend product



### Jobsite Feedback



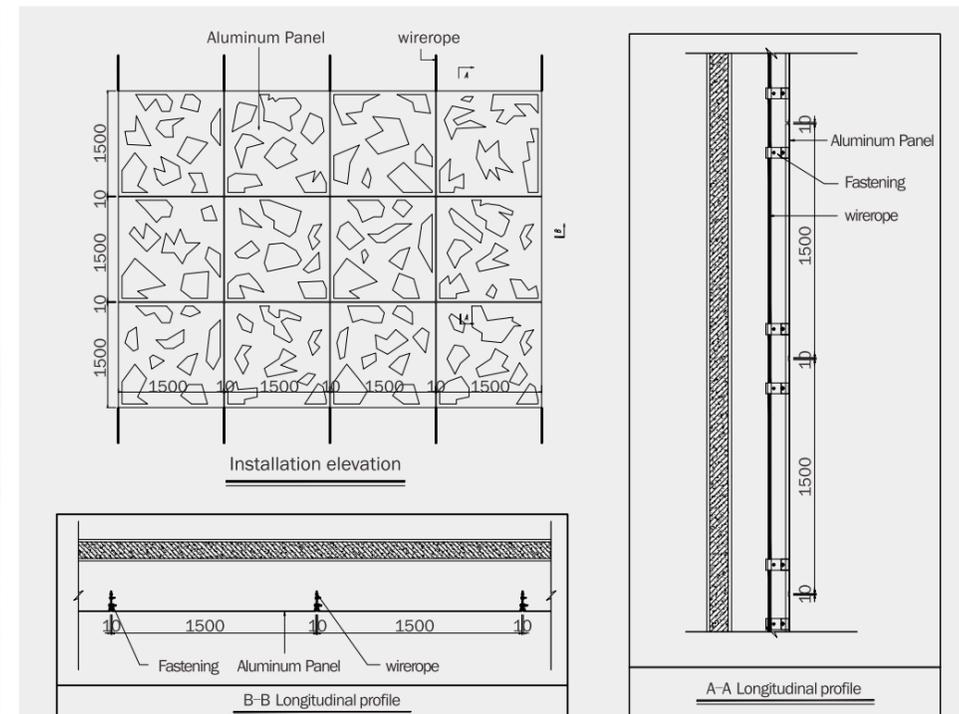
## CARVING PANEL

Carving Panels are a popular options for architects and designers due to its custom complex, irregular pattern, and its versatile. Prance cutting technology is using CNC cutting whichs provide high precision and efficiency. In addition, carving panels require thicker panels to offer more obvious, attractive appearance, and better weather resistance.  
**Design in any patterns or styles, we will make all these brilliant ideas come true!**



**Foshan Cultural Center**  
 Place: Foshan, China  
 Product: 3.0mm custom panels with designed hanging system  
 Quantity: 12,000m<sup>2</sup>  
 Time: September 2018

### Typical Project Case

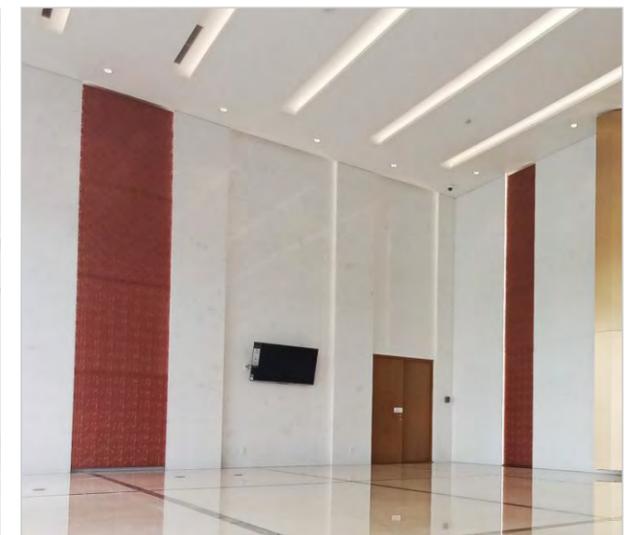
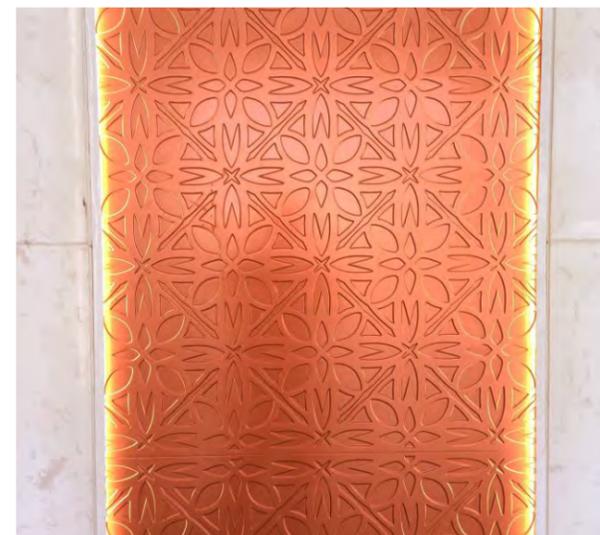


## CARVING PANEL

Specifications	
Choice Pattern and style, colors, shapes and sizes	Practically unlimited
Material	Aluminum Alloy AA1100, 3003, 3014, 5005, 5015, 6063, etc.
Thickness	1.0-16 mm
Patterns	Both 2D and 3D customized according to the design.



### Project Reference



## SPECIAL CUSTOM METALWORK



**We offer end-to-end expertise in special custom metalwork, from design to fabrication and on-site support.**

Whether it's a complex geometric pattern or a highly detailed custom design, we have the experience and expertise to bring it to life.

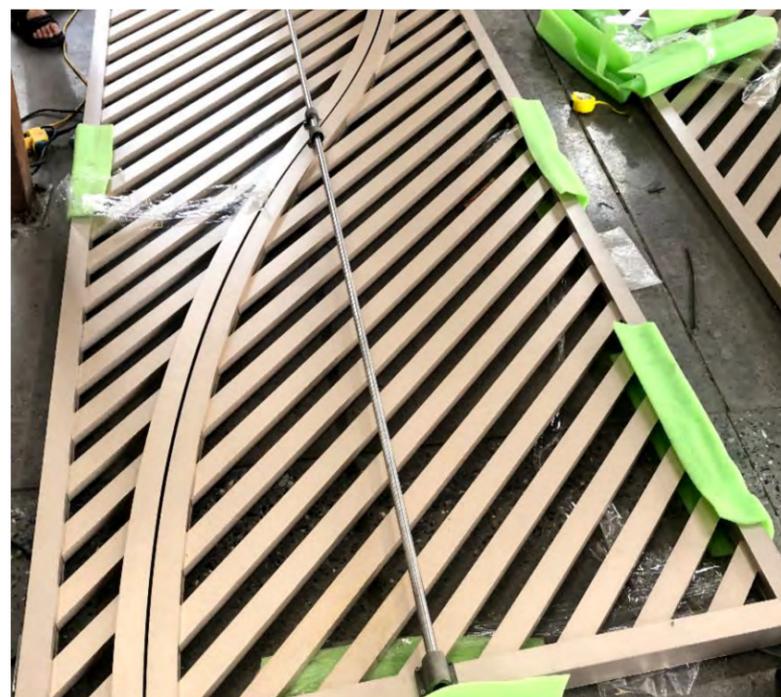
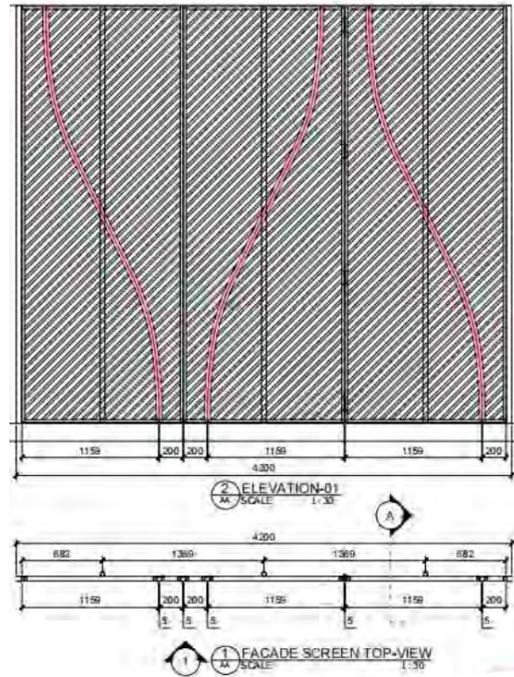
Stay up-to-date with our latest offerings and projects by visiting our official website and following us on Facebook and Instagram. We regularly update our platforms with the latest custom products and showcase a wide range of project cases.

## THE BEST THING ABOUT OUR TECHNICAL TEAM

What makes us different from other traditional manufacturer ?

### • CHALLENGE THE DIFFICULTY

This is what makes us grow constantly because we never say no to the difficult projects and we want to grow and achieve the client needs.



• **1:1 MOCK-UP** Prove our products are good by showing our clients that we make 1:1 mock-up same to your jobsite.



### • PROFESSIONALISM

Our professionalism is a product of our extensive experience in practical projects worldwide, enabling us to provide exceptional service and deliver high-quality metal ceiling and facade solutions.

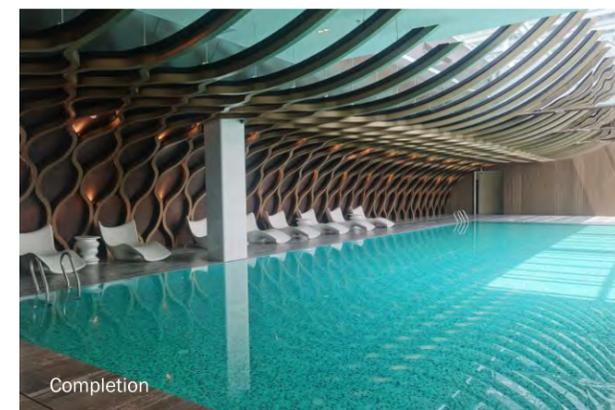
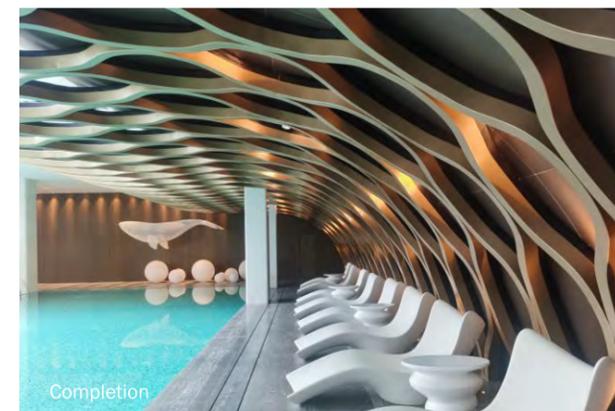
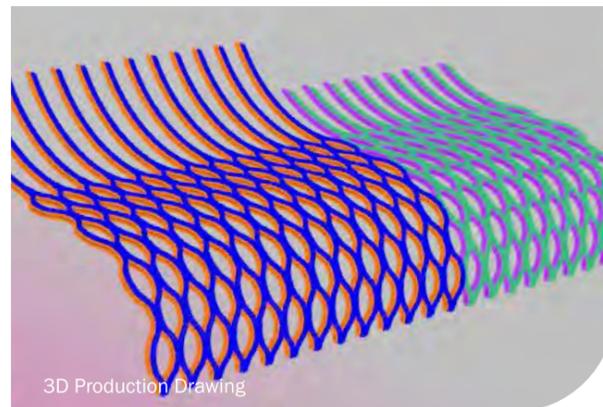


## SPECIAL METALWORK COOPERATION PROCESS

### First Type of Product

**Step 1:** We need a preliminary rendering of the design. If you don't have one, we can provide a design based on your preferences. In addition to the preliminary rendering, we will need you to provide floor plans, elevations drawings and quantity list, and if you have detailed junction drawings, you can also send them to us. If you don't have them, we will provide them based on the actual situation. Therefore, we are able to get you a rough budget of this metalwork.

**Step 2:** Once the overall design and final dimensions are confirmed, we will conduct a thorough analysis of the 3D model. This will enable us to provide detailed section and detail drawings that accurately depict the measurements and installation methods for each individual panel.



**Step 3:** In addition to providing 3D models, we can also create videos to showcase the product details and provide a comprehensive and easy-to-understand supply list and installation guide. We are committed to providing on-site technical support to ensure a smooth installation process.

#### • Production Process

**1) Material:** O-Type Aluminum Series. O-type aluminum has the best softness comparing to 1-series, 3-series, and 5-series materials. It allows the aluminum sheet to be stretched and molded more easily onto the wooden mold to achieve the desired hyperbolic shape.

**2) Mold carving:** A corresponding hyperboloid plate is carved according to the shape of the wooden mold. The soft O-shaped aluminum is then pressed onto the wooden to achieve the hyperboloid effect.

**3) Welding and reinforcement:** The curved plates are welded together for correct shape and size. Micro-carving can be adjustify if needed. Additional back reinforcement is added for stability.

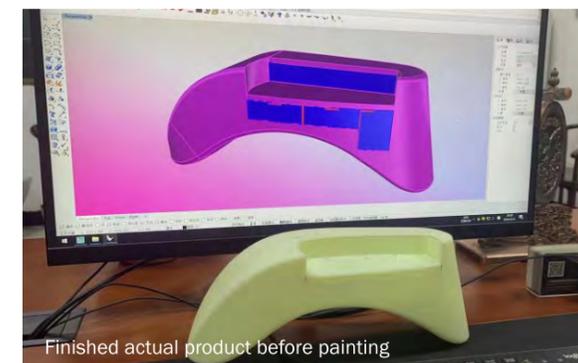
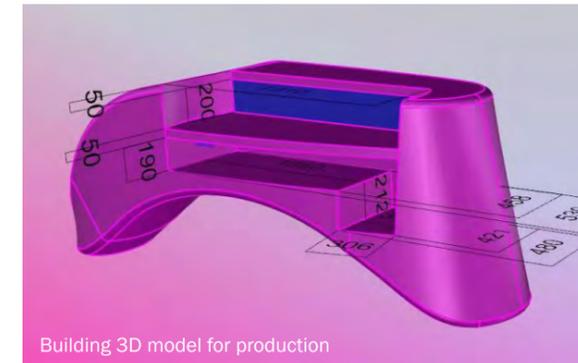
**4) Polishing and surface treatment:** The fabricated hyperbolic panels are polished and finished for improved appearance and quality. Surface coatings are applied after.

**5) Inspection and packaging:** The finished hyperbolic panels undergo strict inspection, packaging, and shipment to ensure they are delivered to customers in good condition.

### Second Type of Product

For custom hyperbolic products like bar tables, bottles, and special shapes, the fabrication process can be simpler as they do not involve installation or connection to a building. We will create a 3D model based on the desired size and effect drawing provided by the customer. Once the size is confirmed, we will proceed to production following the same steps as mentioned earlier.

#### 1. Project Reference



#### 2. Other Styles



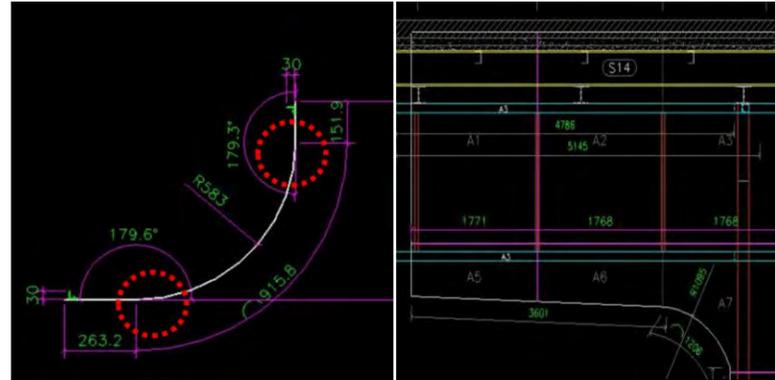
## TYPICAL PROJECT CASE

### Hongkong West Kowloon Cultural Center Project

WE BUILD 1:1 MOCK UP SAME TO THE JOBSITE IN MY FACTORY AND MAKE SURE IT WILL COME OUT GREAT BEFORE DELIVERY! THIS SMALL MOVEMENT MAKES US DIFFERENT THAN OTHER MANUFACTURER!!

1  
STEP

Check all the drawings such as plan and render drawings.



2  
STEP

Provide the 3D production drawing.



3  
STEP

Produce the hyperbolic panel.



4  
STEP

Setting up a steel frame same to the Jobsite.



5  
STEP

Start Installing.



6  
STEP

Finish test installation and guarantee all the panels are fit to be installed.



7  
STEP

Powder Coating.



8  
STEP

Packing and ready to delivery.



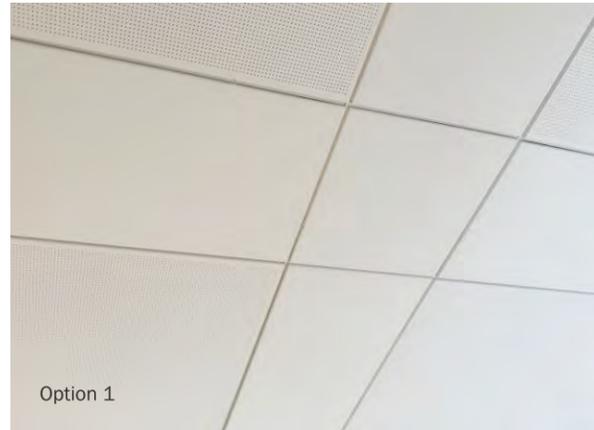
**STANDARD METAL CEILING SERIES**

**Office Building Project** Place: China  
Time: 2023 Product: Sky-One Combination Ceiling  
Quantity: 6,000m<sup>2</sup>

# SKY-ONE COMBINATION CEILING

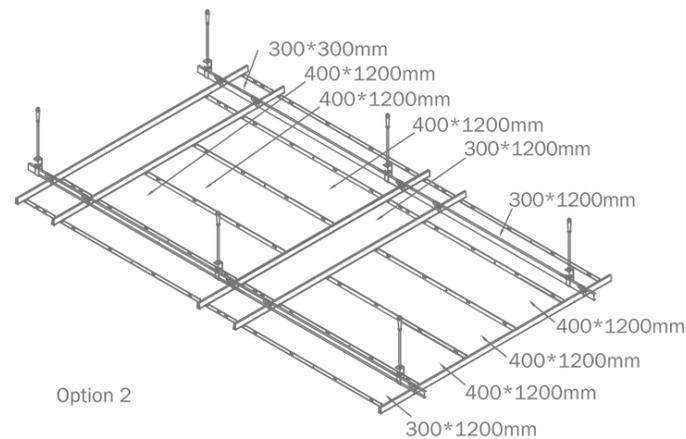
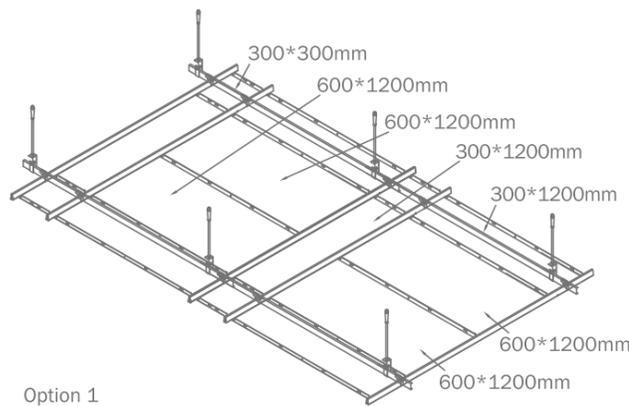
Sky-One Combination Ceiling is a patented product by Prance that offers many advantages over traditional ceilings. It is a perfect option for use in sophisticated office buildings.

## Advantages



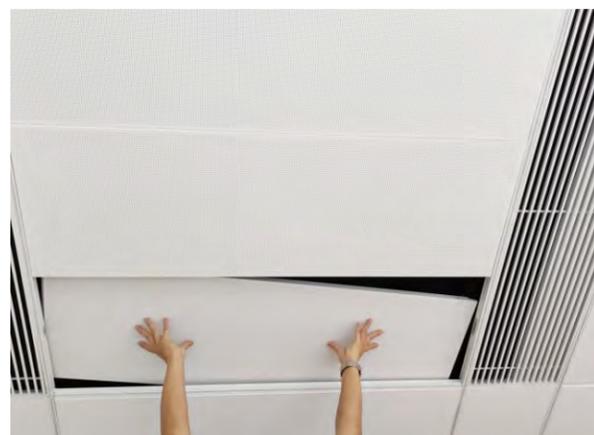
### 1. Various Appearance

Two main types of Options which the T-grid can either be exposed or seamless.



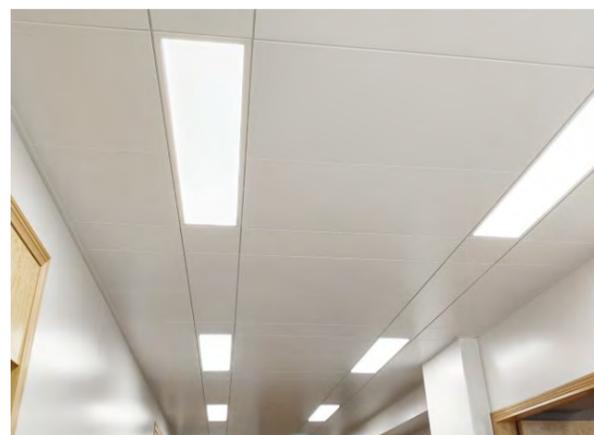
### 2. Panel Selection

In these two patterns, the middle parts can either be 2 pieces 600\*1200mm panel or 3 pieces 400\*1200mm.



### 3. Easy To Maintain

Each panel can be easily removed individually.



### 4. Easy to Install

Upgrade the traditional lay-in system which save hugh amount of labor cost.



### 5. Perforation

Perforation options can be provided and sound-absorption sheet will be attached in the back of panel for sound reduction.  
Suggest pattern: Micro-perforation, 1.0mm, 1.5mm straight pattern.



### 7. Supporting System Elements

Holes for equipment, sprinkler, and lights can be operated in factory. lights can also be provided with warranty if needed.



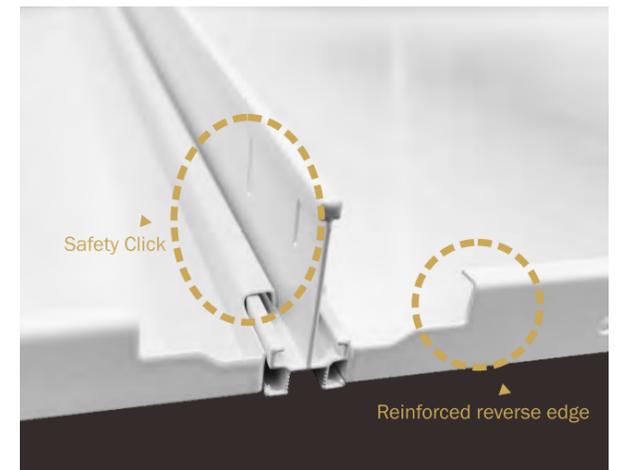
### 9. T-Grid Style

Other types of T-Grid can be provided such as black groove or Flat.



### 6. Quality Assurance

This is the flatest ceilings with combination you will ever see. With reverse edged on the long-side of the panels increases either the flatness and hardness of the panel.



### 8. Safety

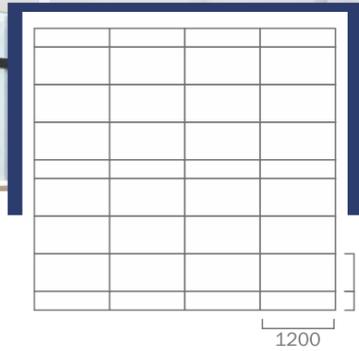
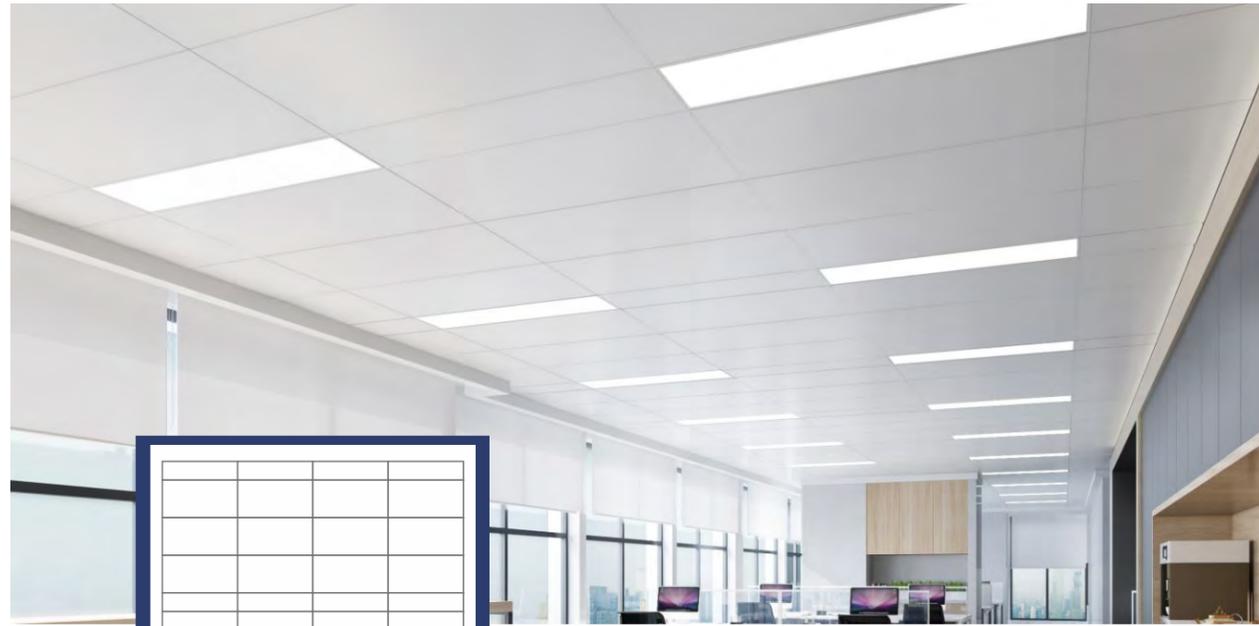
This is the unique installing system which is safer than all the lay-in system in the market.



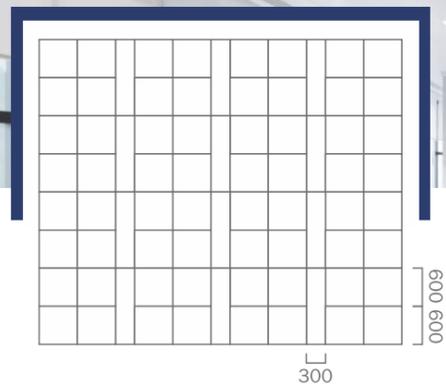
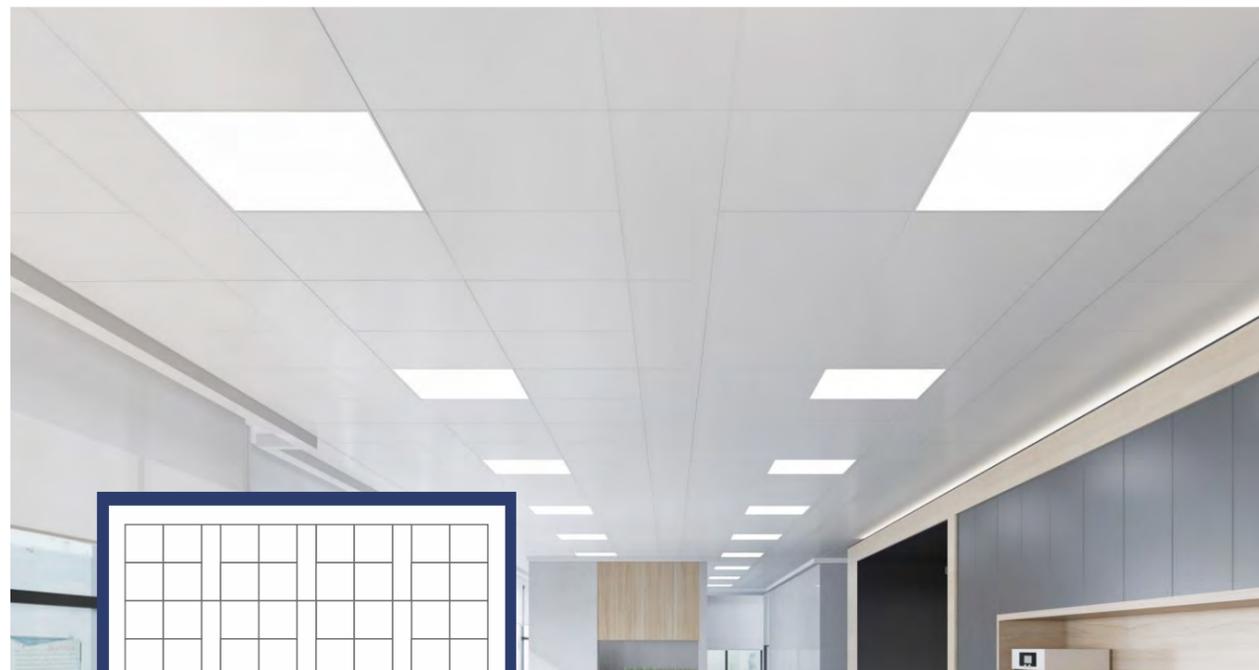
### 10. Save Cost

Carriers hanging the short-side of the panel instead of the long side which decreases hugh amount of the use of carriers comparing to similar system.

### Combination Plan

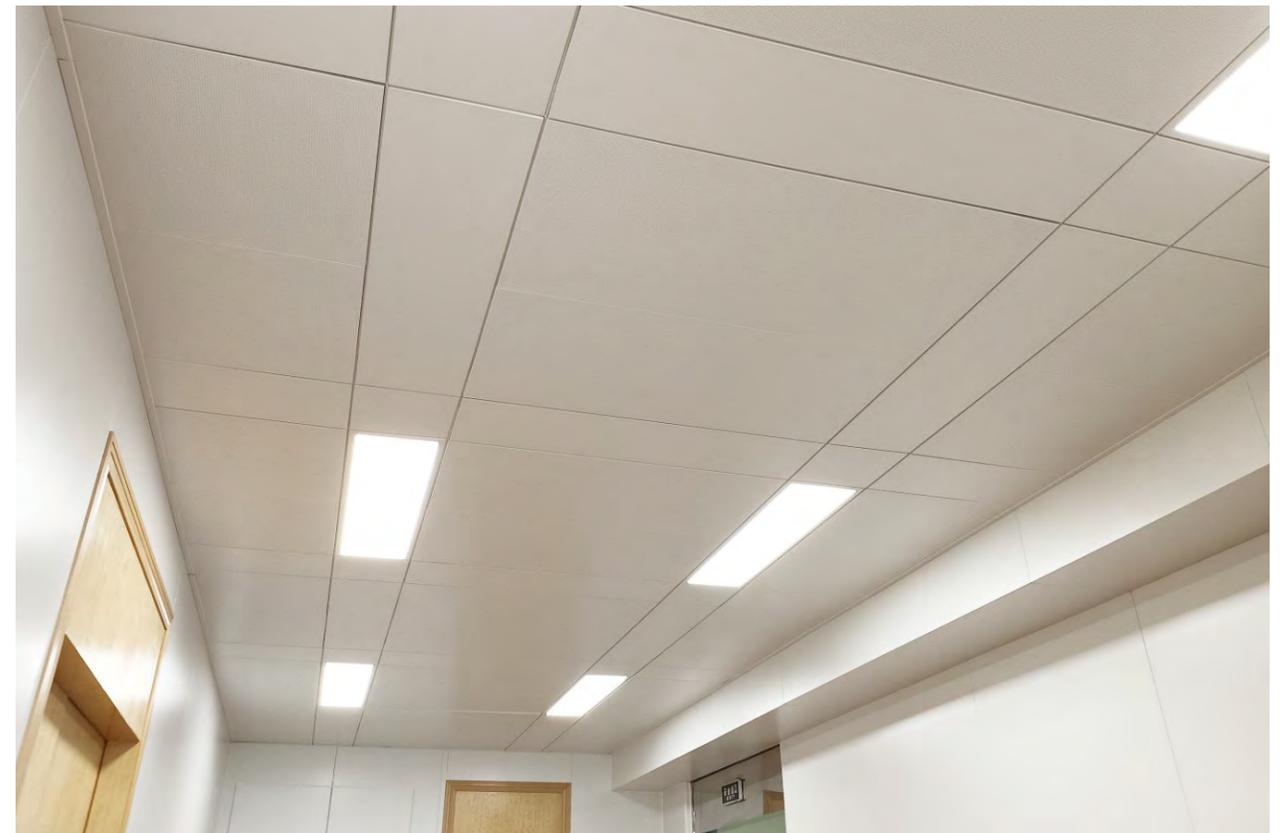


Pattern | 300\*1200mm  
600\*1200mm



Pattern | 600\*600mm  
300\*1200mm

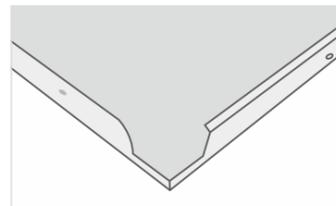
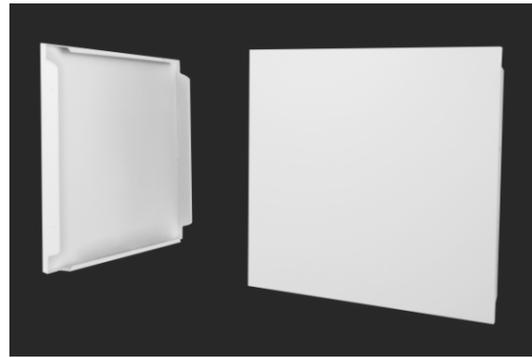
### Project Reference



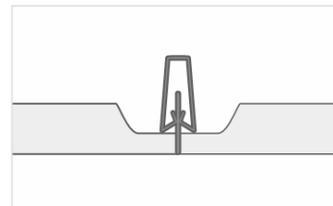
## SKY-X CLIP-IN CEILING

Sky-X Clip-in Ceiling is an upgraded version of traditional clip-in ceiling, with a patent panel design developed by PRANCE. This system improves the issue of unevenness that has plagued traditional clip-in ceilings for many years, resulting in a remarkably flat finish.

Characteristics	Details
Different Combination	Unlike Traditional Clip-in system only remains one-direction
Flatness	Exceptionally flat
Maintenance	Each plate can be easily disassembled and repaired
Perforation Choice	See perforation chart and back of the poles can be equipped with sound-absorbing paper or Soundtex to enhance sound absorption performance

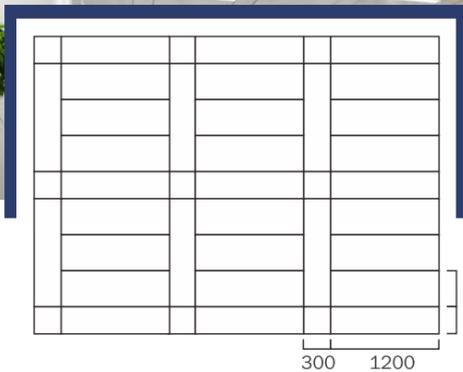


Strengthen the side by flipping additional side



PRANCE Dedicated Installation System

### Combination Plan



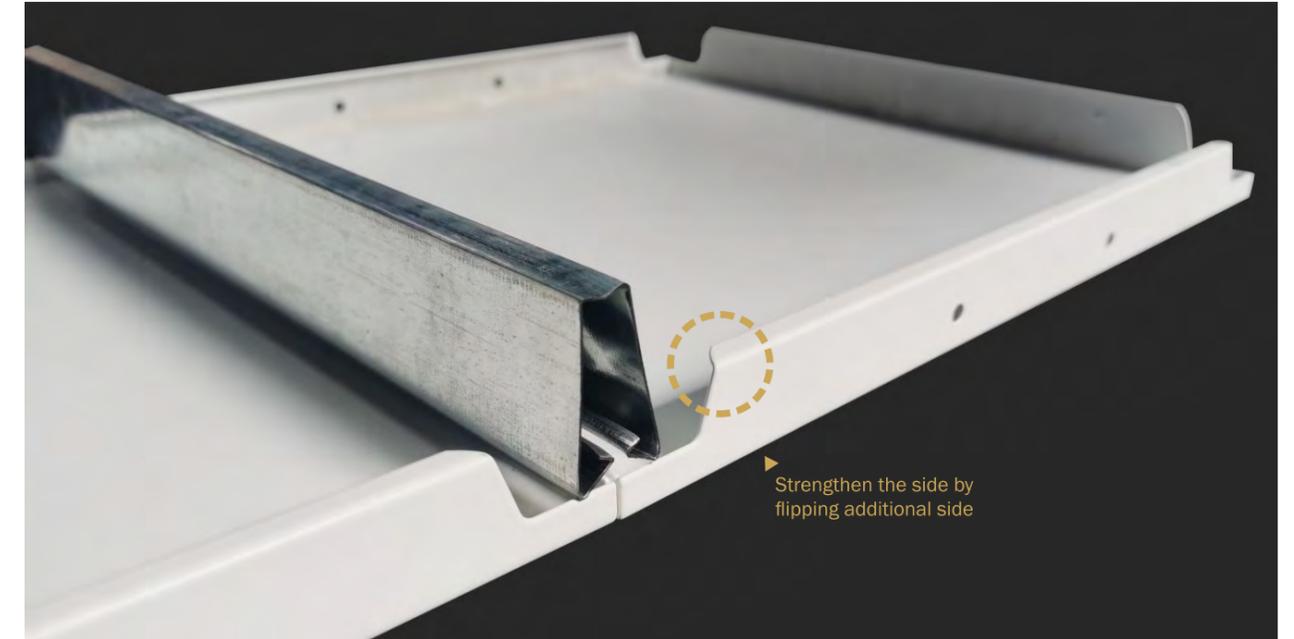
Pattern | 300\*300mm  
300\*1200mm  
400\*1200mm

### Product Advantages

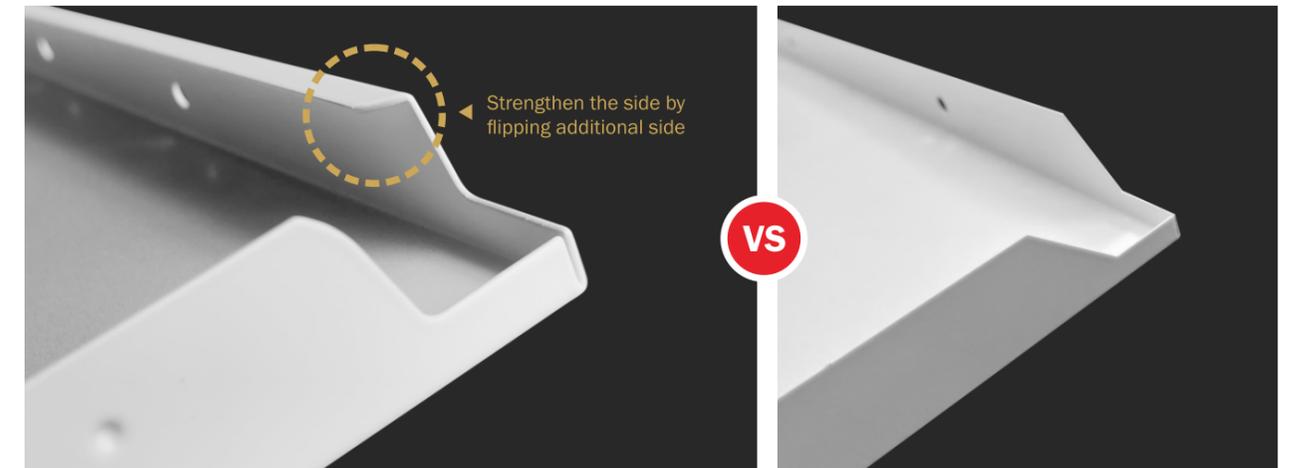
#### 1. MATERIAL CHOICE

Choosing high quality aluminum manganese alloy as the material of Sky-X Clip-in can provide long-lasting and durable performance.

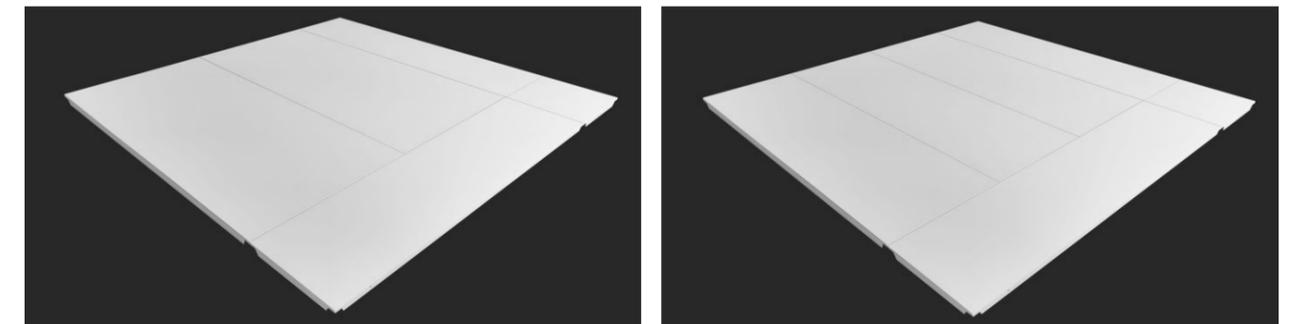
#### 2. STRENGTHEN THE FLATNESS AND HARDNESS



#### COMPARISON



#### 3. MANY COMBINATION · FLAT AND STABLE · REJECT WAVING



#### 4. INSTALL BY CLIPPING THE SHORT SIDE · LESS CARRIERS · SAVE MORE LABOR

## CLIP-IN SYSTEM METAL CEILING

The clip-in ceiling system offers various specifications, colors, and surface finishes for designers and buyers to choose from, and is commonly used in office buildings.

The clip-in ceiling system comes in a variety of perforated patterns and styles. The addition of soundproof paper on the back of the perforated ceiling enhances the total absorption capacity of the enclosed space and minimizes the impact of noise.

Feature	Details
Application	Airport, Transport Station, Shopping mall, Conference, exhibition center, hotel, stadium, hospital, school, office
Material Option	1. Aluminum 2. Galvanized Steel

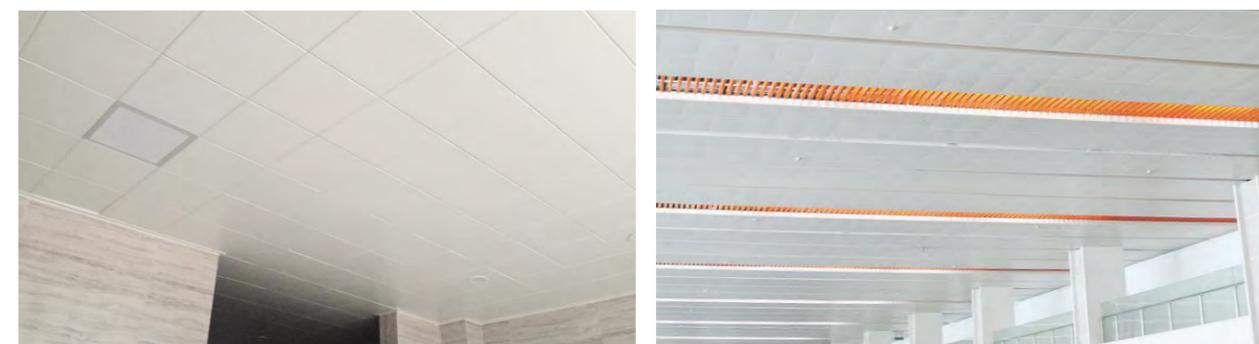
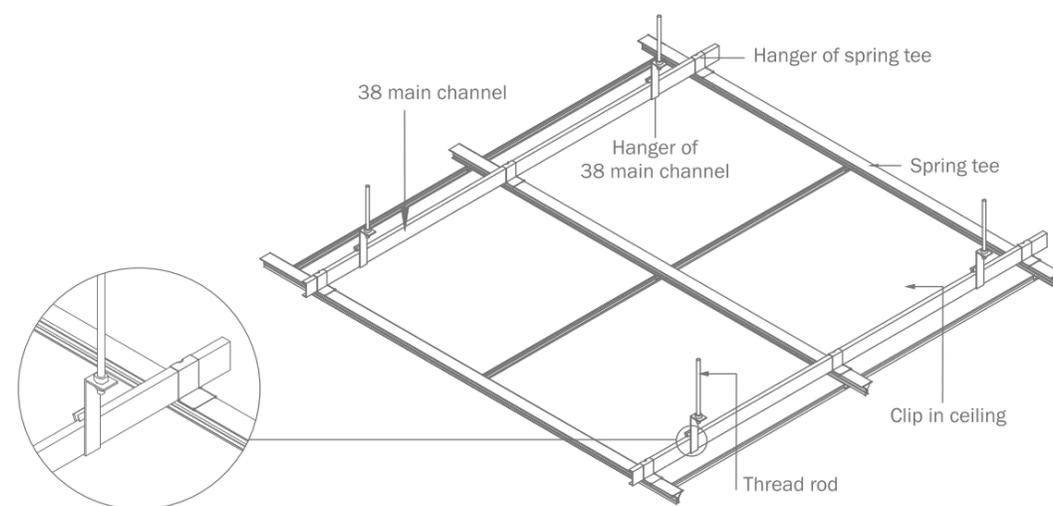


### Specification

Size	Perforated	Powder coated	Straight edge	Bevel edge	Edge height
300x300	•	•	•	•	20
300x600	•	•	•	•	20
300x1200	•	•	•	•	20
400x400	•	•	•	•	20
500x500	•	•	•	•	20
600x600	•	•	•	•	20/24/28/30
600x1200	•	•	•	•	20/24/28/30
800x800	•	•	•	•	24

Unit: mm

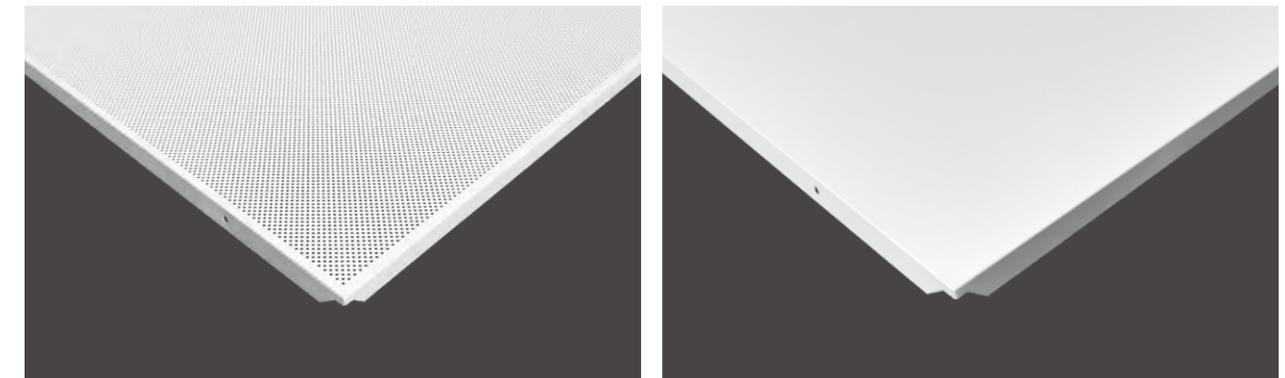
### Installation



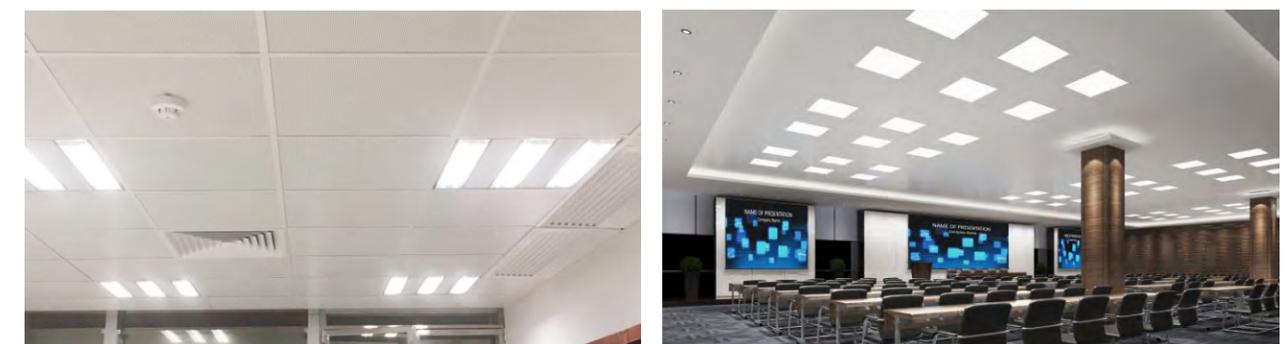
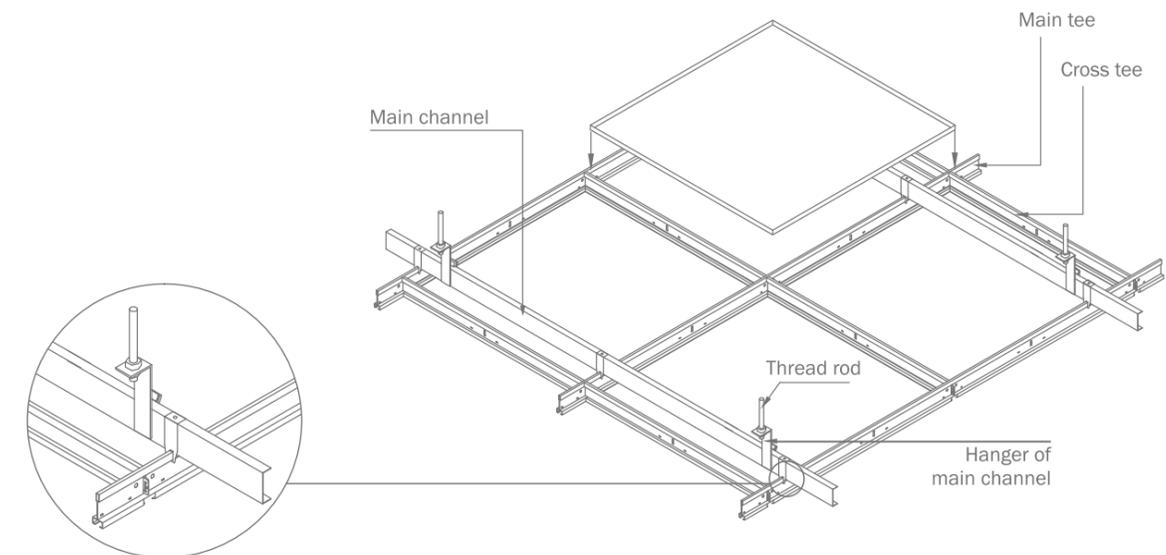
## LAY-ON CEILING

The Lay-on ceiling system shares similarities with the Lay-in ceiling system in terms of the suspension systems (hidden frame and visible frame). However, the main difference lies in the panels. The Lay-on ceiling system features panels with edges that are at the same level and parallel to the ceiling grids. This system offers a variety of styles and combinations.

Application places	Specification (mm)
Airport, Transport Station, Shopping mall, hotel, stadium, Conference & exhibition center, hospital, school, office	595x595x18H, 603x603x18H, 292x292x10H



### Installation



## LAY-IN SYSTEM METAL CEILING & T-GRID

The Lay-in System Metal Ceiling & T-Grid is a popular type of suspended ceiling system. It consists of metal panels that are inserted into a T-grid suspension system. The panels are easily removable, making it convenient for maintenance and access to the plenum above.

The Lay-in System Metal Ceiling & T-Grid is a popular type of suspended ceiling system. It consists of metal panels that are inserted into a T-grid suspension system. The panels are easily removable, making it convenient for maintenance and access to the plenum above.

Specification	Details
Application	Airport, Transport Station, Shopping mall, Conference, exhibition center, hotel, stadium, hospital, school, office
Material Option	1. Aluminum 2. Galvanized Steel 3. Mineral Fiber Board



### Specification

#### Inch size

605x605x585x585x10H  
585x585x575x575x8H  
603x1210x585x1195x10H

#### Metric size

595x595x575x575x8H(12H/18H)  
595x595x585x585x10H  
595x1195x575x1175x8H  
295x295x275x275x8H

Unit: mm

### T-grid Styles



PT-002



PT-003



PT-004

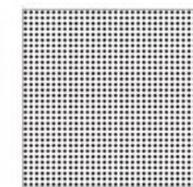
#### Note:

- Variety of combination is available for designers.
- Easy to install because installation is same as common T-Grid suspension system.
- Color and surface is identical on visible suspension system and infills.
- Modular system offers easy integration of lighting, AC and sprinklers.

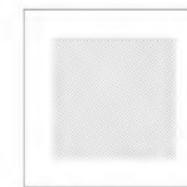
\* For more styles, please check T-grid Catalog



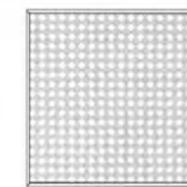
### Perforation Styles



XL-68  
600x600 Φ5



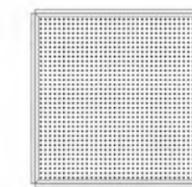
XL-69  
600x600 Φ1.8



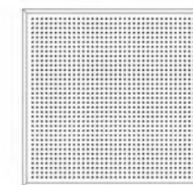
XL-50 600x600  
(585x585) Φ1.8



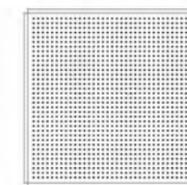
XL-70 600x600  
(585x585) Φ1.8



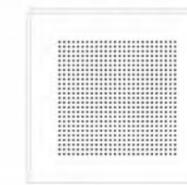
XL-77 575x575  
(595x595) Φ2.3



XL-73 600x600  
(585x585) Φ2.3



XL-71 600x600  
(575x575) Φ2.3



XL-72 600x600  
(575x575) Φ2.3



XL-79 575x575  
(595x595) Φ1.8



XL-75 600x600  
(575x575) Φ1.8



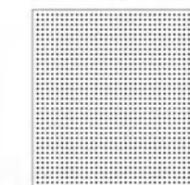
XL-81 600x600  
Φ0.8



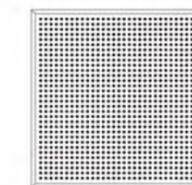
XL-82 600x600



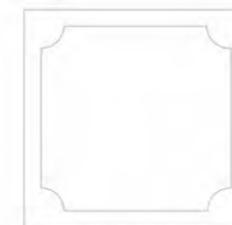
XL-86 595x595  
Φ1.8



XL-86 595x595  
Φ2.3



XL-86 600x600  
Φ5



XL-89 800x800



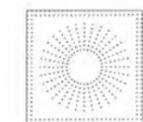
XL-54  
300x300



XL-55  
300x300



XL-56  
300x300 Φ3



XL-57  
300x300



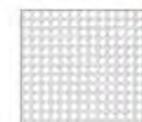
XL-58  
300x300 Φ1.8



XL-60  
300x300



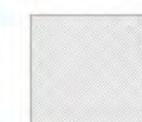
XL-62  
300x600 Φ2.3



XL-63  
300x300 Φ1.8



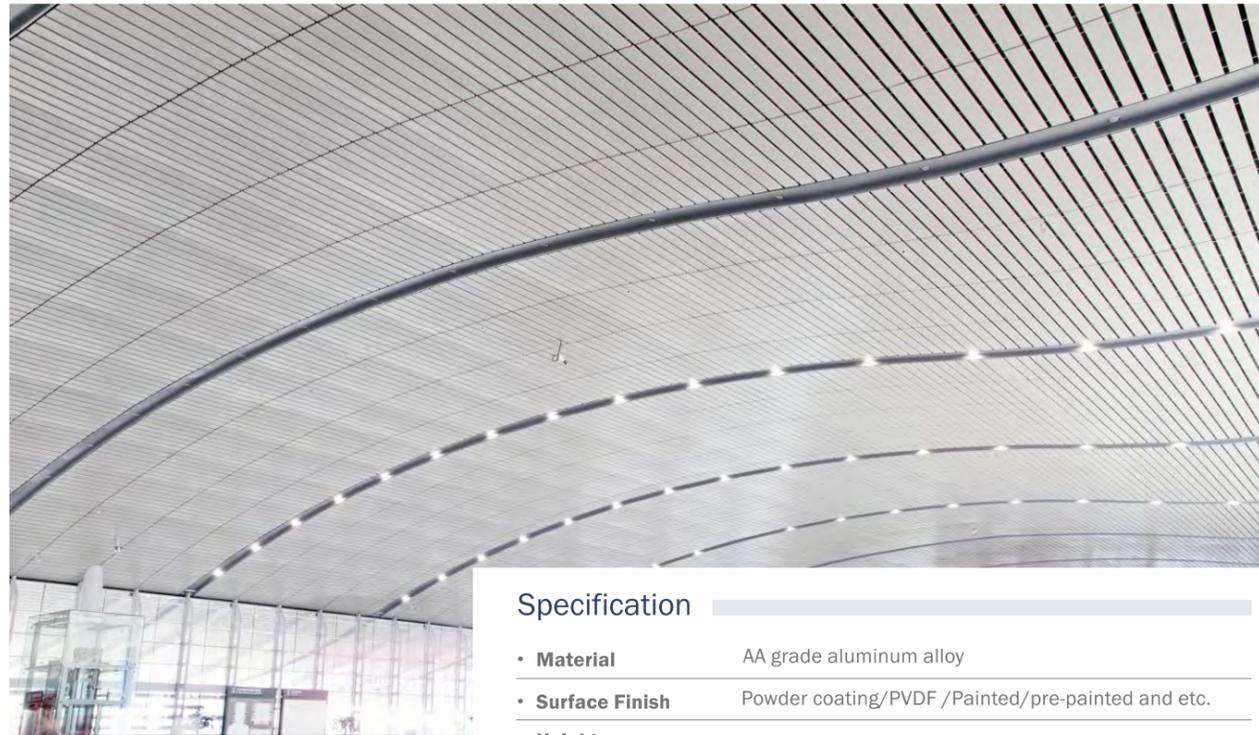
XL-64  
300x300



XL-59  
300x300 Φ1.8

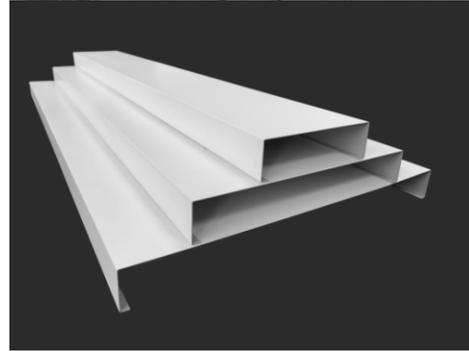
**PLANK CEILING SERIES**

## B-PLANK CEILING

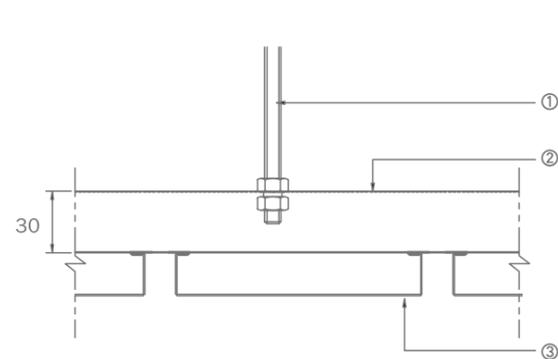
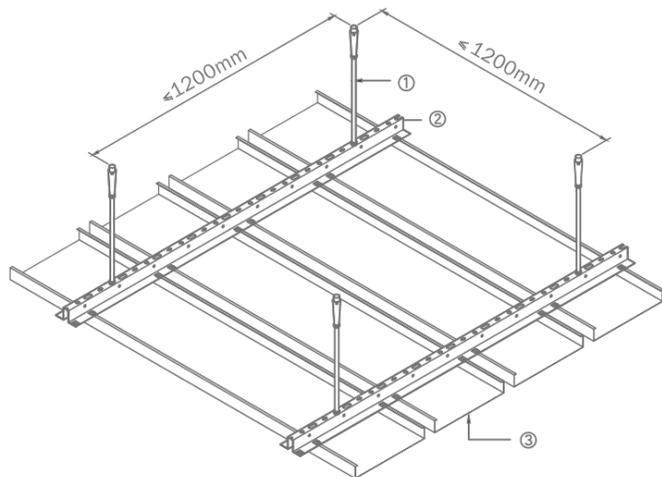


### Specification

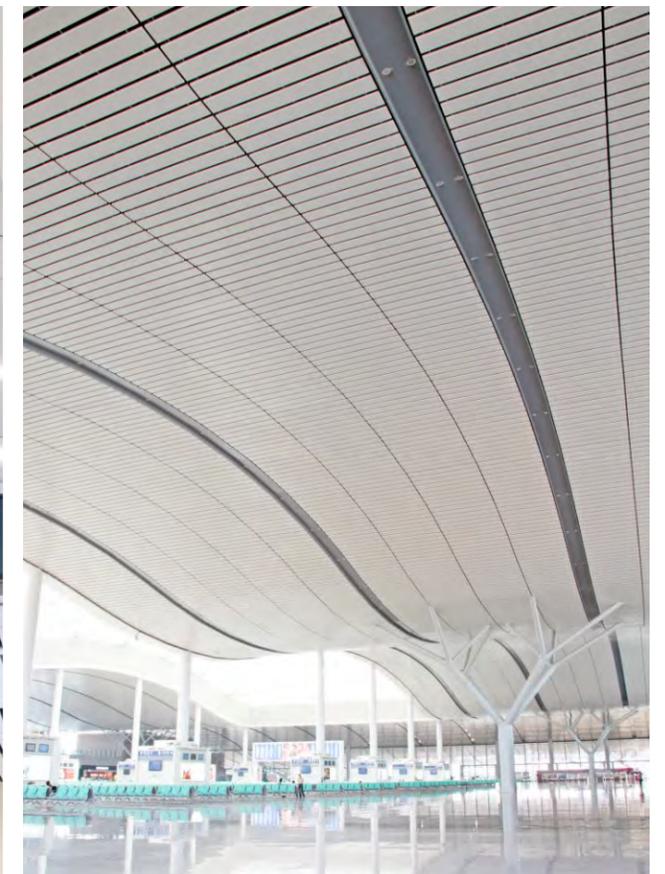
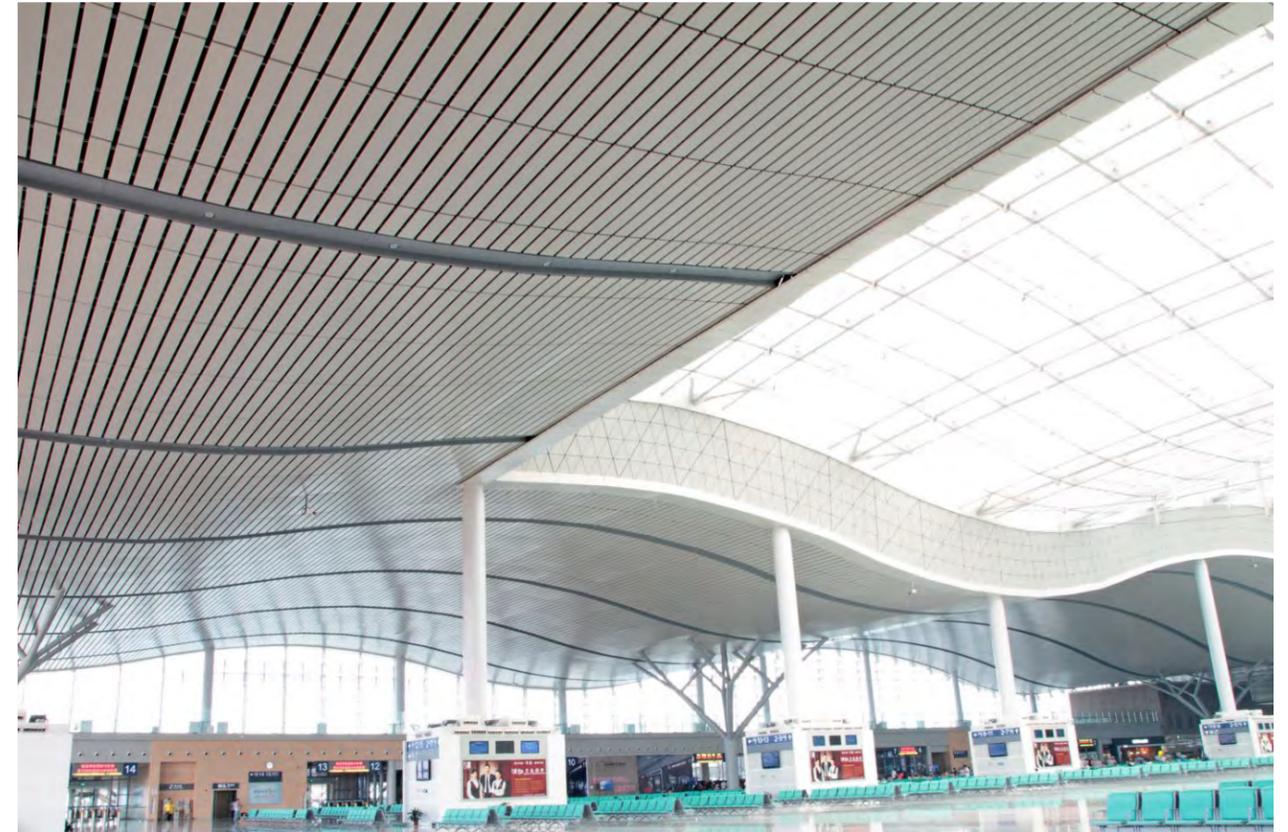
- **Material** AA grade aluminum alloy
- **Surface Finish** Powder coating/PVDF /Painted/pre-painted and etc.
- **Height** 20~50 mm
- **Thickness** 0.7~1.0 mm
- **Length** 100~6000 mm
- **Standard width** 50/100/150/200/300mm
- **Custom width** 100~300mm
- **Product Advantages** The good things about this ceiling are various of combination of different size.The width can do from 50mm to 500mm, and its length can do up to 6000mm.This ceiling majorly uses in station center, however,other places are good to use as well.



### Installation

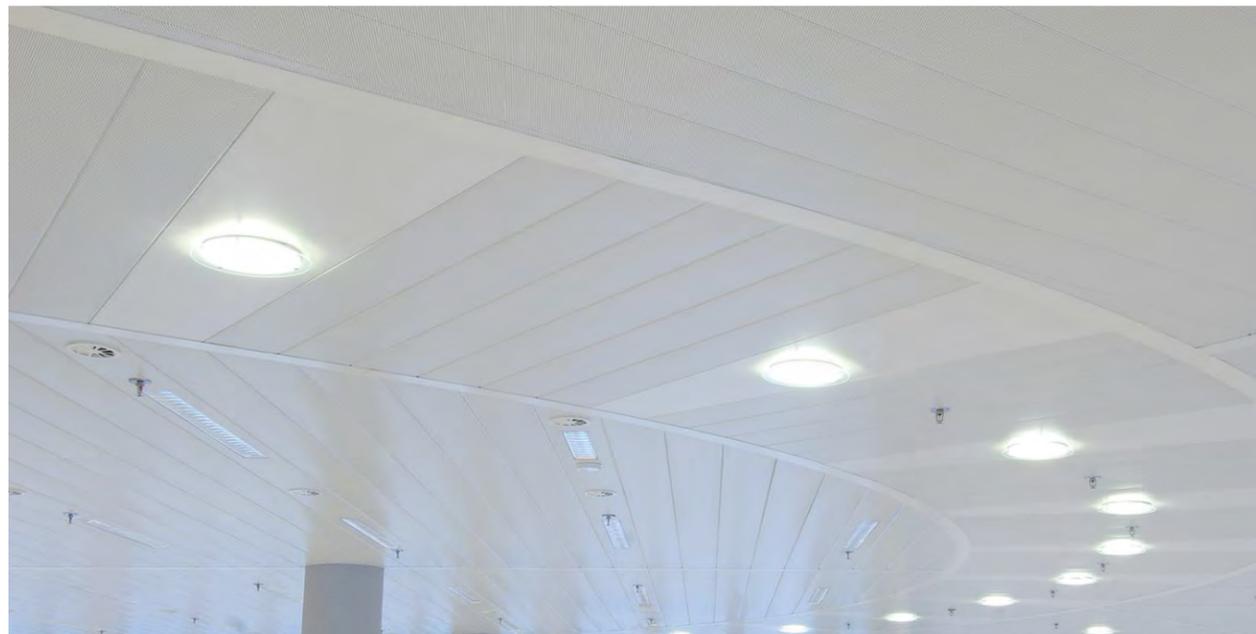


① Thread rod    ② Carrier    ③ B-Plank ceiling



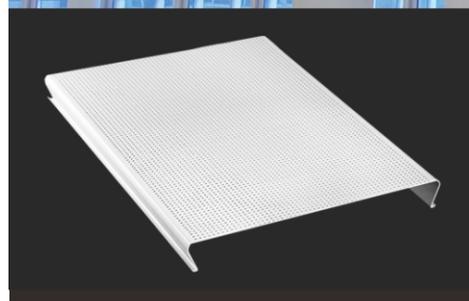
Please contact PRANCE colleagues for the Plank Ceiling Catalog with full information if you need it.

## S-PLANK CEILING

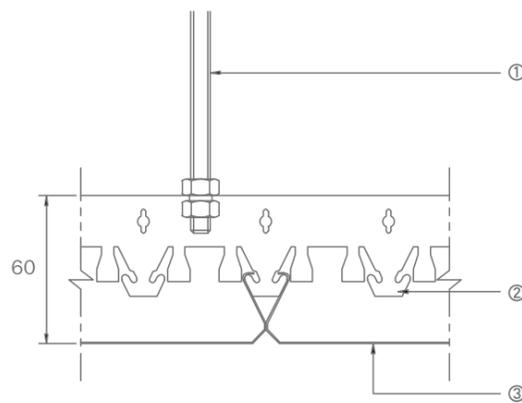
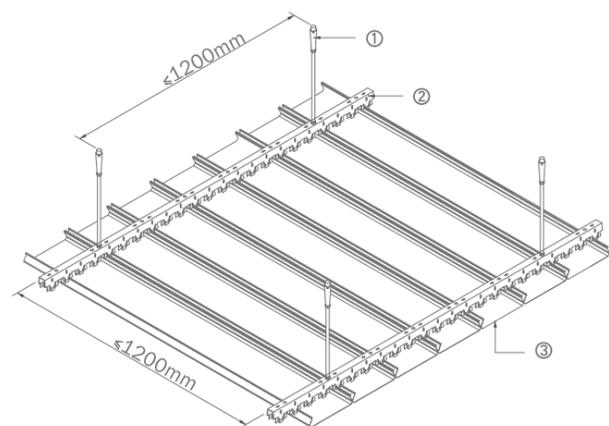


### Specification

- **Material** AA grade aluminum alloy
- **Surface Finish** Powder coating/PVDF /Painted/pre-painted and etc.
- **Height** 30 mm
- **Thickness** 0.7~1.0 mm
- **Length** 100~6000 mm
- **Standard width** 300mm
- **Custom width** 150~600mm
- **Product Advantages** The attractive part about the S-Plank Ceiling is the resistance to wind,In addition,Providing the end closure piece is to ensure the flatness of the plate joint.



### Installation



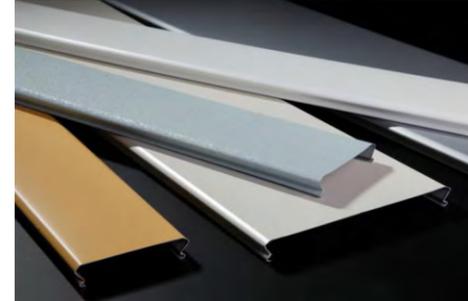
① Thread rod    ② Carrier    ③ S-Plank ceiling

## C-PLANK CEILING

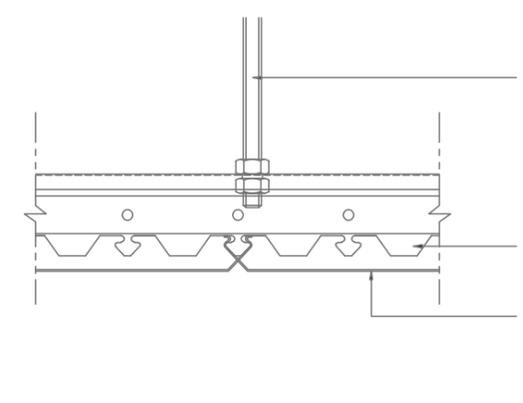
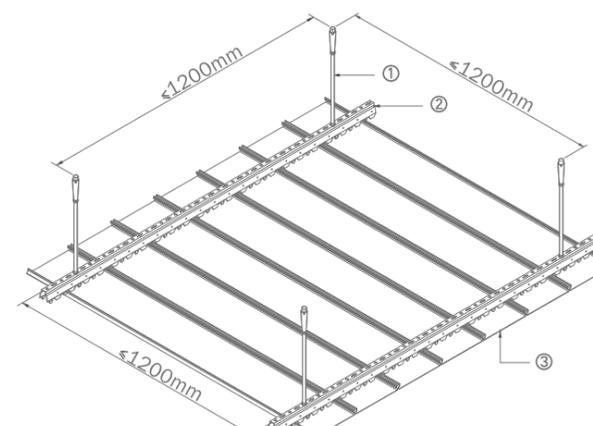


### Specification

- **Material** AA grade aluminum alloy
- **Surface Finish** Powder coating/PVDF /Painted/pre-painted and etc.
- **Height** 15 mm
- **Thickness** 0.45~0.9 mm
- **Length** 100~6000 mm
- **Standard width** 100/150/200/300mm
- **Custom width** 75~600mm
- **Product Advantages** Wide variety of perforations and colors to choose and its suspension system provides fast and easy installation. This is perfect for both renovation and new construction projects.



### Installation



① Thread rod    ② Carrier    ③ C-Plank ceiling

Please contact PRANCE colleagues for the Plank Ceiling Catalog with full information if you need it.

## R-PLANK CEILING

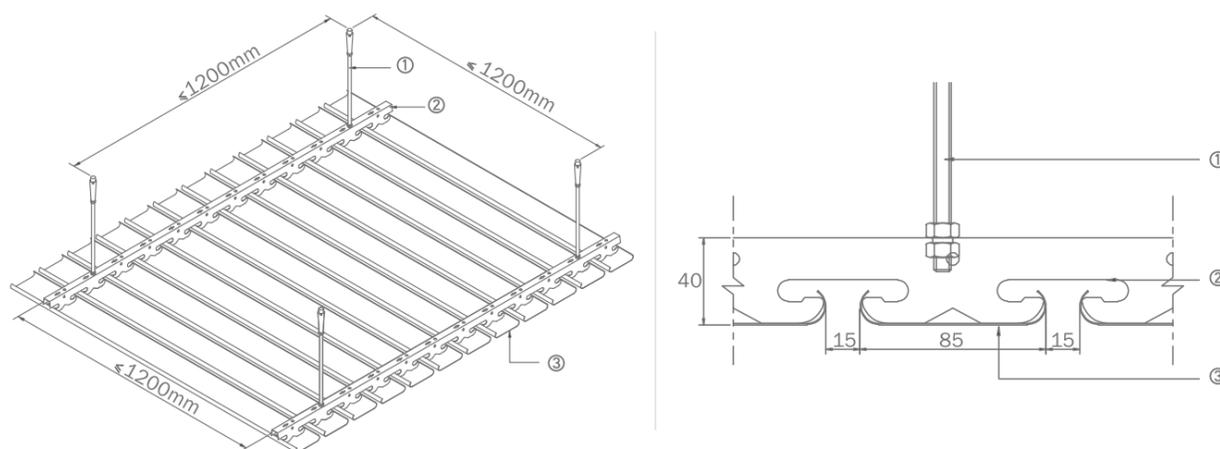


### Specification

• <b>Material</b>	AA grade aluminum alloy
• <b>Surface Finish</b>	Powder coating/PVDF /Painted/pre-painted and etc.
• <b>Height</b>	15 mm
• <b>Thickness</b>	0.7~1.0 mm
• <b>Length</b>	100~6000 mm
• <b>Standard width</b>	80/130/180mm
• <b>Custom width</b>	80~200mm
• <b>Product Advantages</b>	Our R-Plank Ceiling can be installed either in concealed system or in a visible system. The flexiable design such as its sytem, color, perforation, provides various options for the designers to choose so that can enhance the aesthetic appearance.



### Installation



① Thread rod    ② Carrier    ③ R-Plank ceiling

## G-PLANK CEILING



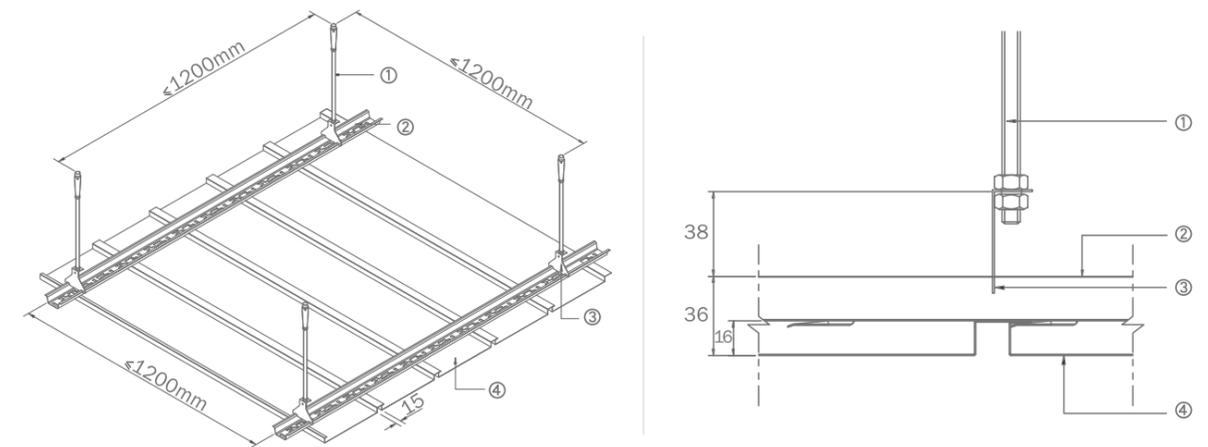
**Tencent Digital Tower Project**  
**Place:** Shenzhen,China  
**Product:** G-Plank with 3M wood grain  
**Quantity:** 13,000m<sup>2</sup>  
**Time:** May 2022

### Specification

• <b>Material</b>	AA grade aluminum alloy
• <b>Surface Finish</b>	Powder coating/PVDF /Painted/pre-painted and etc.
• <b>Height</b>	15 mm
• <b>Thickness</b>	0.55~0.8 mm
• <b>Length</b>	100~6000 mm
• <b>Standard width</b>	80/100/150/200/300mm
• <b>Custom width</b>	80~600mm
• <b>Product Advantages</b>	For an excellent look in a room, decorating the ceiling with long pieces is to create an normal space or add dramatic visual impact with a full-room installation.



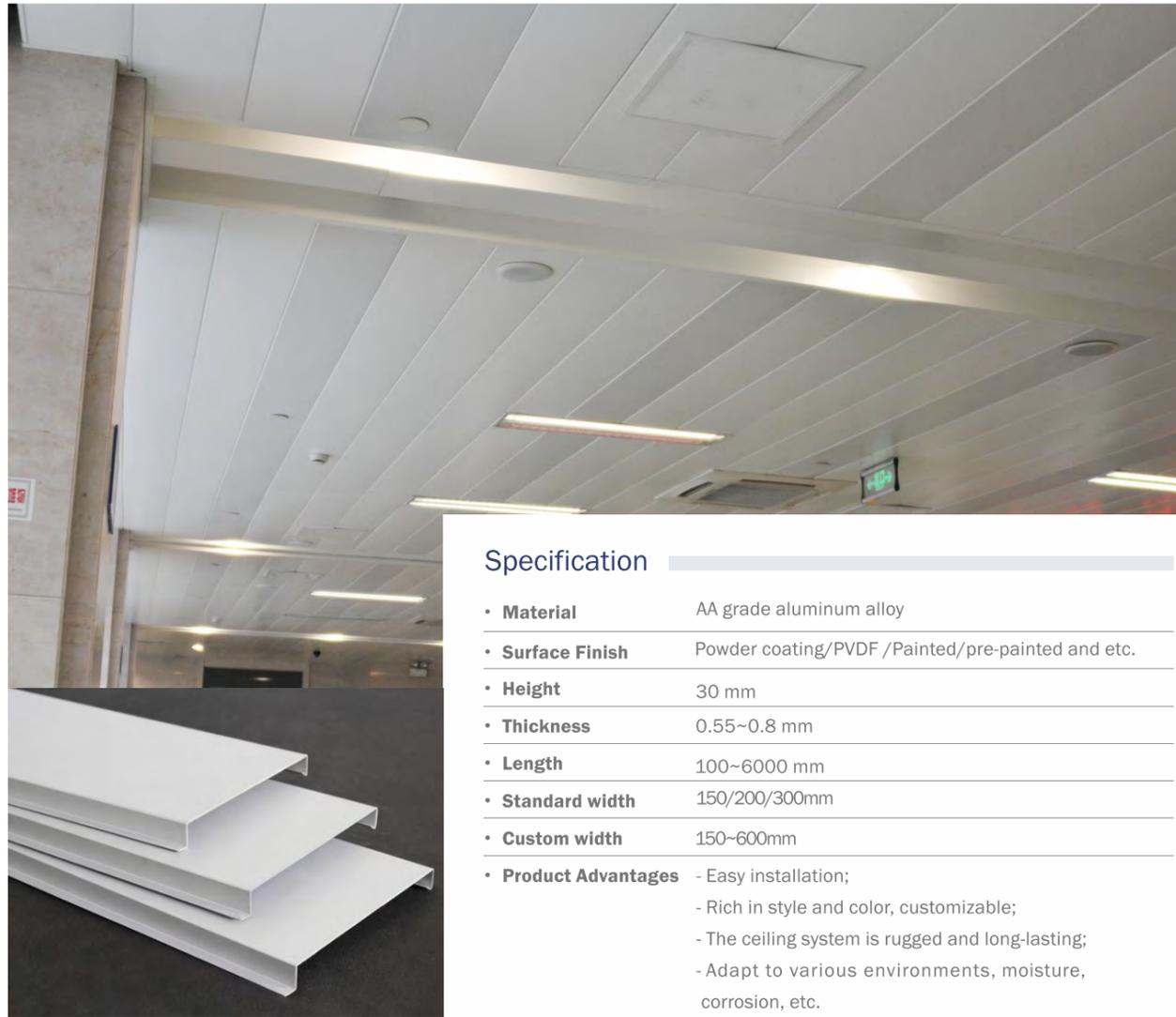
### Installation



① Thread rod    ② Carrier    ③ Hanger    ④ G-Plank Ceiling

Please contact PRANCE colleagues for the Plank Ceiling Catalog with full information if you need it.

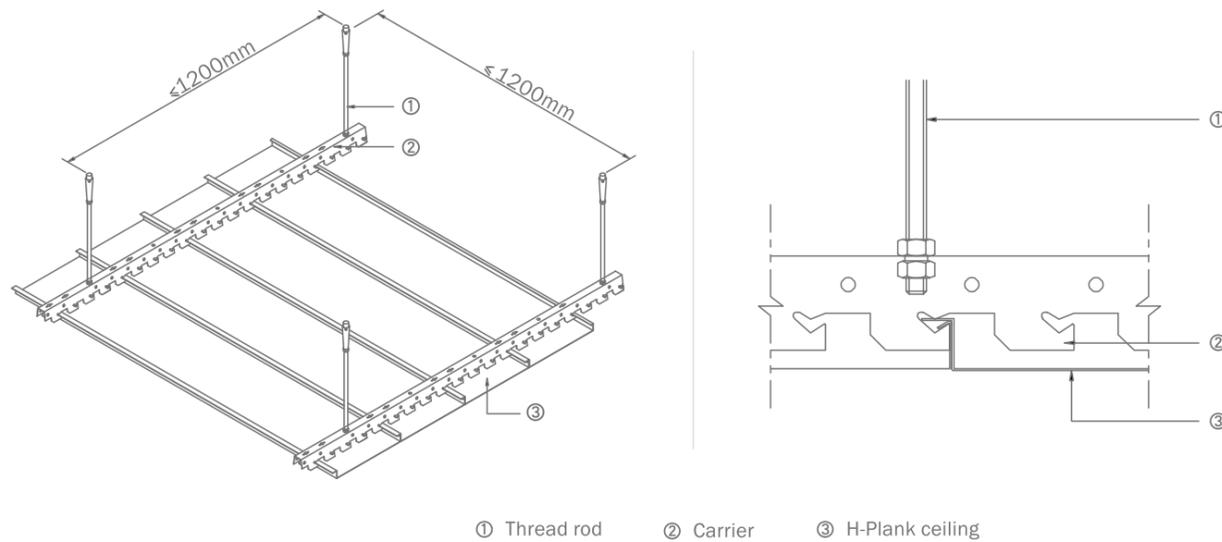
## H-PLANK CEILING



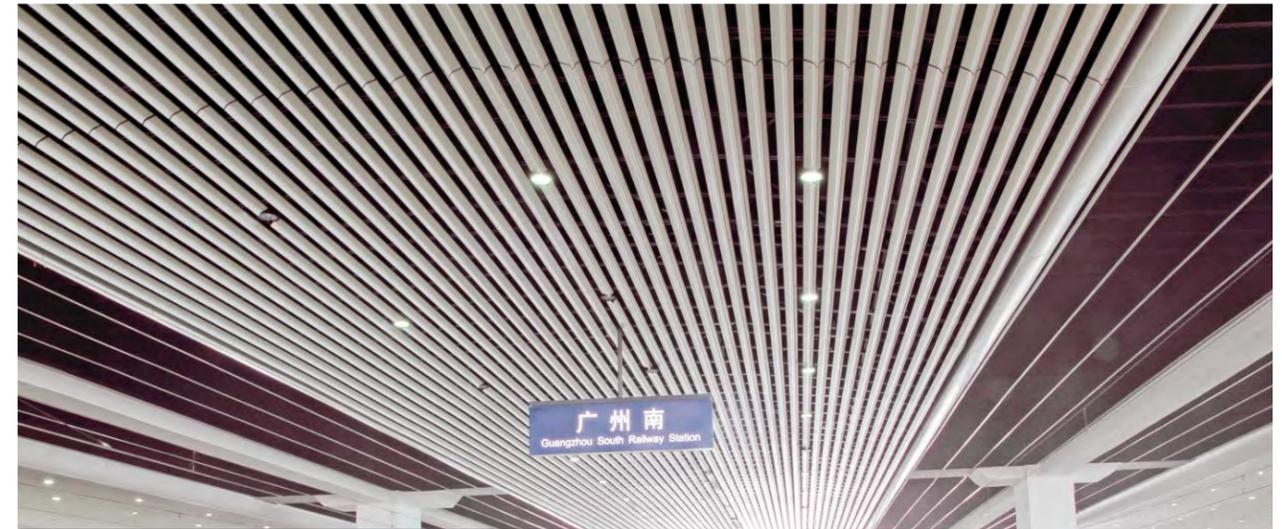
### Specification

• <b>Material</b>	AA grade aluminum alloy
• <b>Surface Finish</b>	Powder coating/PVDF /Painted/pre-painted and etc.
• <b>Height</b>	30 mm
• <b>Thickness</b>	0.55~0.8 mm
• <b>Length</b>	100~6000 mm
• <b>Standard width</b>	150/200/300mm
• <b>Custom width</b>	150~600mm
• <b>Product Advantages</b>	- Easy installation; - Rich in style and color, customizable; - The ceiling system is rugged and long-lasting; - Adapt to various environments, moisture, corrosion, etc.

### Installation

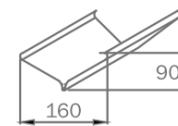


## V-PLANK CEILING

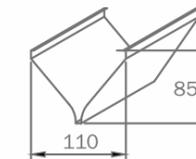


### Specification

• <b>Material</b>	AA grade aluminum alloy
• <b>Surface Finish</b>	Powder coating/PVDF /Painted/pre-painted and etc.
• <b>Product Advantages</b>	Fast and Easy-to-install unique V-plank suspension system is a piece of art-work in looking.It gradually becomes the designer's options, examples like train statin center.The Ceiling in unique V designs, are available in rich, unusual visuals.

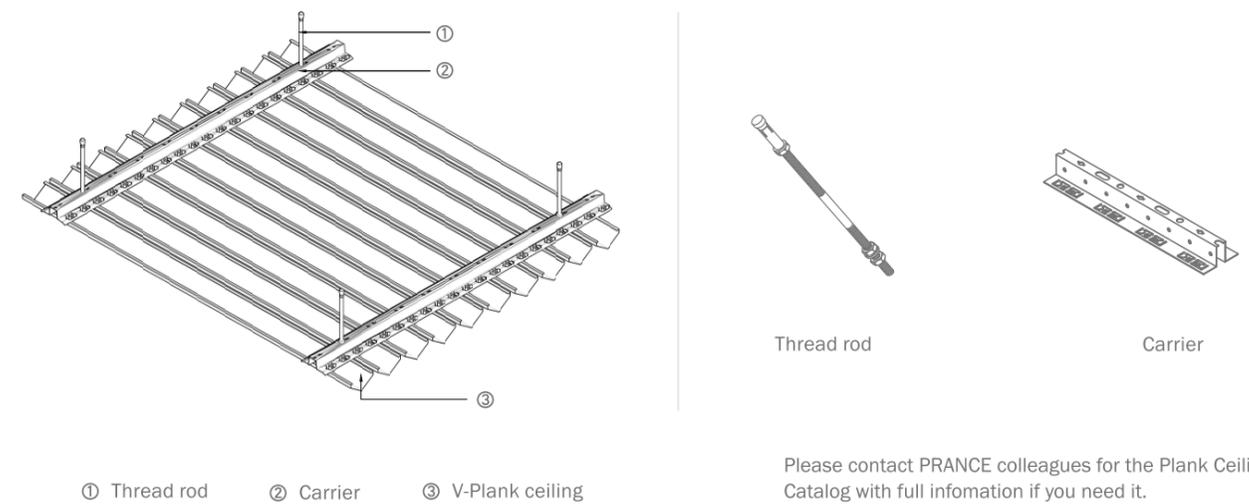


• <b>Height</b>	90 mm
• <b>Thickness</b>	0.7~0.9 mm
• <b>Length</b>	100~6000 mm
• <b>Width</b>	160mm



• <b>Height</b>	85 mm
• <b>Thickness</b>	0.7~0.9 mm
• <b>Length</b>	100~6000 mm
• <b>Width</b>	110mm

### Installation



Please contact PRANCE colleagues for the Plank Ceiling Catalog with full information if you need it.



**BAFFLE CEILING SERIES**



# PROFILE-BAFFLE



The Baffle Profile ceiling system offered by PRANCE provides exceptional performance and a consistent visual appearance. This system features precise lines and customizable profiles, constructed with durable materials that are suitable for both indoor and outdoor applications.



**Sound Absorption**  
aw upto 0.55/NRC up to 0.60 (Fine)  
aw up to 0.55/NRC up to 0.60 (Superfine)



**Fire Reaction**  
Euroclass B-s1, d0  
Euroclass A2-s1, d0  
EN 13501 - 1



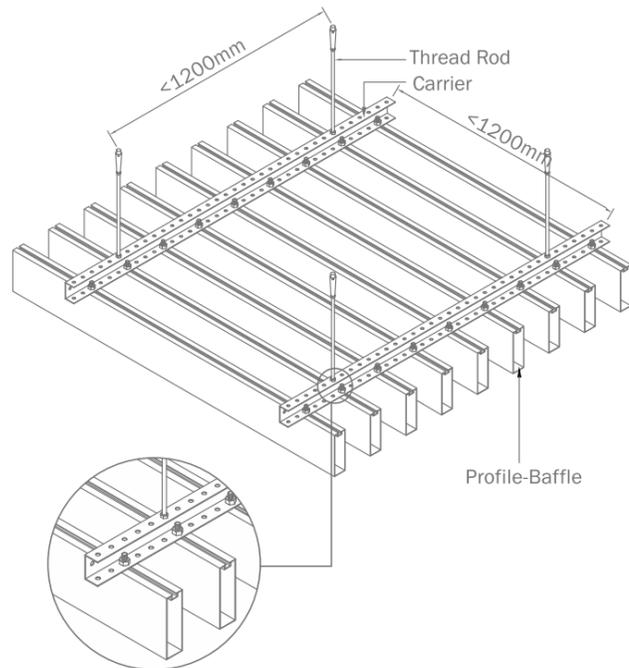
**Humidity Resistance**  
Not suitable for indoor swimming pools, underground garages and outdoor areas



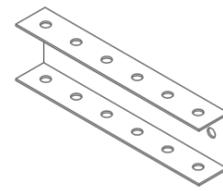
**Cleaning**  
Soft Brush



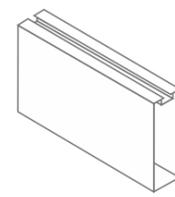
## Installation



Thread Rod



Carrier



U-Baffle Profile



End Cap

## Collection

10 Series				15 Series							
Type	Thickness	Type	Thickness	Type	Thickness	Type	Thickness	Type	Thickness	Type	Thickness
PRTH-18163	0.85mm	PRTH-18073	0.8mm	PRTH-18153	0.6mm	PRTH-18138	0.9/1.85mm	PRTH-18078	0.8/1.0mm	PRTH-18028	0.9mm
		20 Series									
Type	Thickness	Type	Thickness	Type	Thickness	Type	Thickness	Type	Thickness	Type	Thickness
PRTH-18197	0.9/1.85mm	PRGY-25011	1.5mm	PRTH-18223	0.9mm	PRTH-18022	0.85mm	PRTH-18131	1.0mm	PRTH-18030	0.9/1.1mm
Type	Thickness	Type	Thickness	Type	Thickness	Type	Thickness	Type	Thickness	Type	Thickness
PRTH-18121	0.7mm	PRTH-18072	1.8m	PRTH-18023	0.9/1.0mm	PRTH-18024	0.9mm	PRTH-18082	0.9/1.0mm	PRTH-18013	1.0mm
				25 Series							
Type	Thickness	Type	Thickness	Type	Thickness	Type	Thickness	Type	Thickness	Type	Thickness
PRTH-18294	1.2mm	PRTH-18025	1.0mm	PRGY-18146	1.2mm	PRTH-18235	1.0mm	PRTH-18088	1.3-1.8mm	PR-180x25	1.8mm

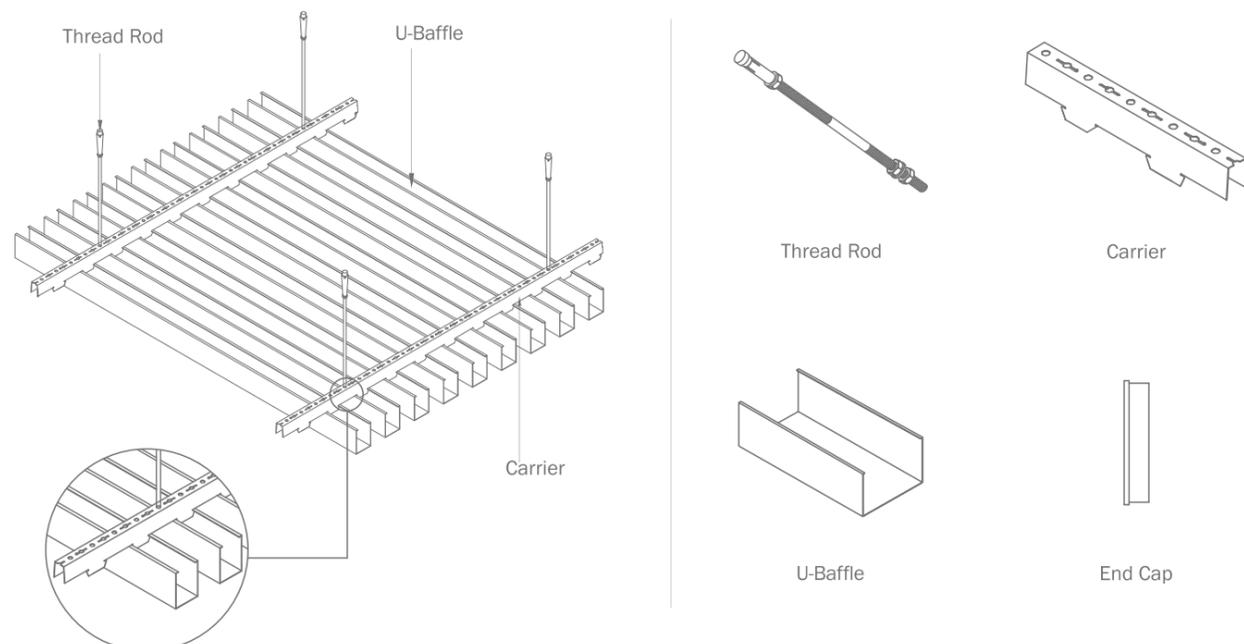
## U-BAFLLE

U-baffle ceiling is a type of suspended ceiling system that consists of a series of U-shaped metal panels. They are highly customizable in terms of dimensions, and finishes and widely used in commercial and public spaces.

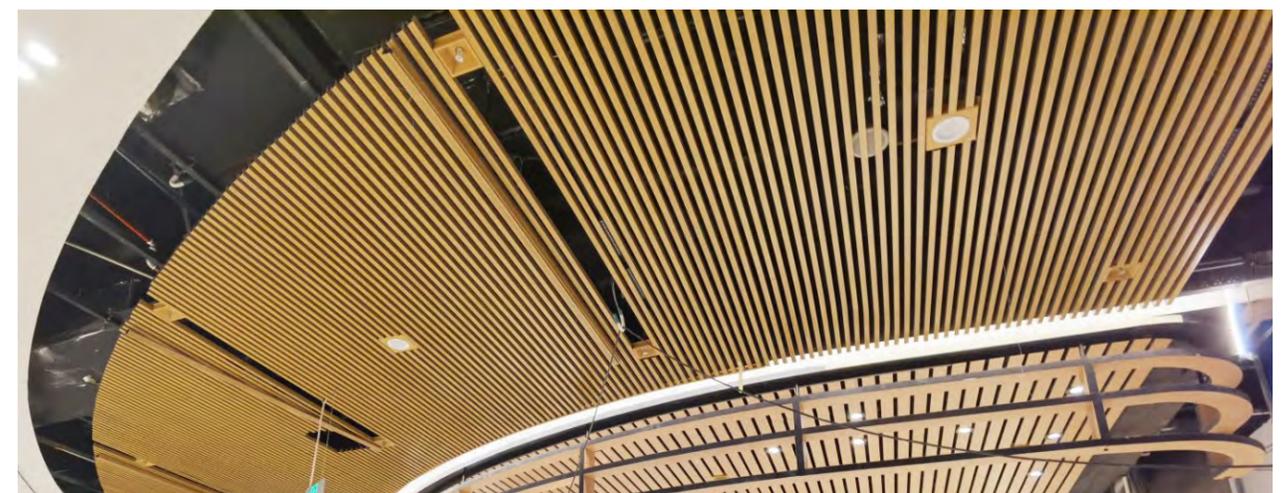
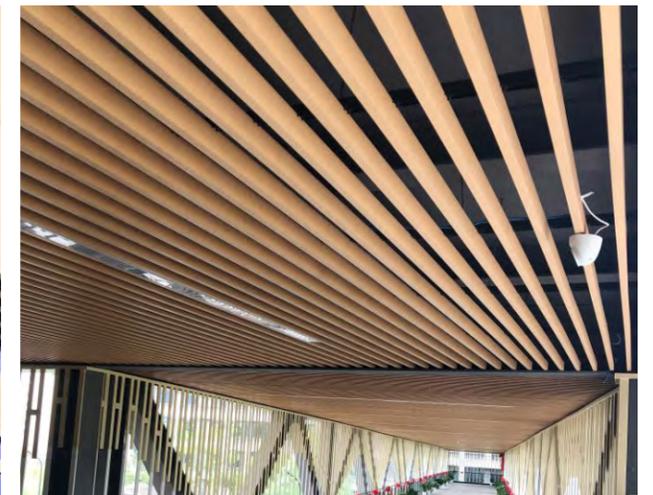


Specifications	Details
Width	20-200mm, can be customized
Height	20-200mm, can be customized
Length	Max 6000mm, can be customized
Material Options	Aluminum, Steel
Perforation Options	Yes
Acoustic Options	Yes, with sound-absorbing material
Installation System	Suspension system

## Installation



## U-Baffle Project Cases



Collection

Type: PRTH-18151 Thickness: 0,6mm	Type: PRFG-28198 Thickness: 1,0mm	Type: PRTH-28247 Thickness: 0,45mm	Type: PRFG-28248 Thickness: 0,8/1,5mm	Type: PRFG-28056 Thickness: 0,8mm
Type: PR-28149 Thickness: 0,8/1,0mm	Type: PRFG-28150 Thickness: 0,8mm	Type: PRFG-28151 Thickness: 0,8mm	Type: PRFG-28161 Thickness: 1,0mm	Type: PRFG-28159 Thickness: 0,9mm
Type: PRFG-28152 Thickness: 0,8mm	Type: PRFG-28153 Thickness: 0,8mm	Type: PRFG-28154 Thickness: 0,8mm	Type: PRFG-28155 Thickness: 0,8mm	Type: PRTH-18194 Thickness: 1,9mm
Type: PRTH-28158 Thickness: 1,0m	Type: PRFG-28156 Thickness: 0,8mm	Type: PRFG-28157 Thickness: 0,8mm	Type: PRTH-18248 Thickness: 0,9mm	Type: PRGY-55061 Thickness: 0,9mm

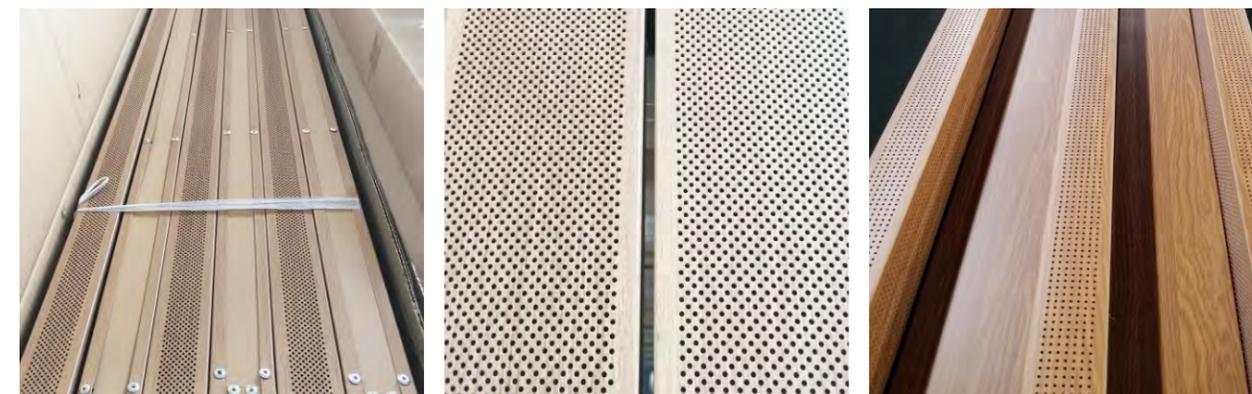
ACOUSTIC BAFFLE



An acoustic baffle is a type of sound-absorbing element for baffle that is commonly used in architectural and interior design. It is normally composed of **sound-absorbing materials such as mineral wool or foam.**

The baffle's shape and material help to absorb sound waves and reduce the reverberation time in a space, improving its acoustic quality.

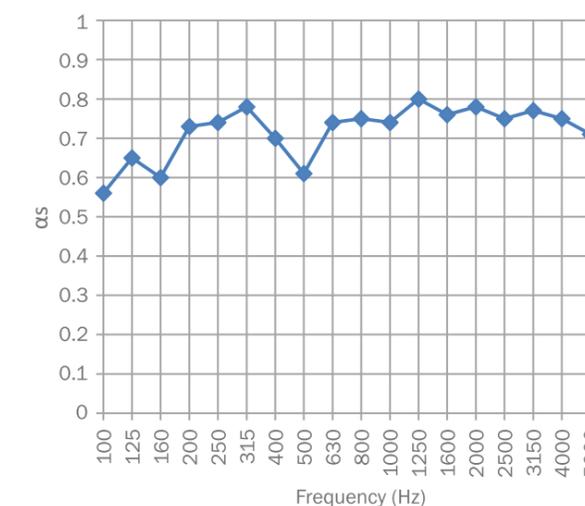
Product Details



Test Data

Our acoustic baffle above shown in the pictures is tested with the result of noise reduction coefficient (Known as NRC) average 0.70. If the NRC needs to be above 0.70 for typical project, we can re-design the baffle with better acoustic material.

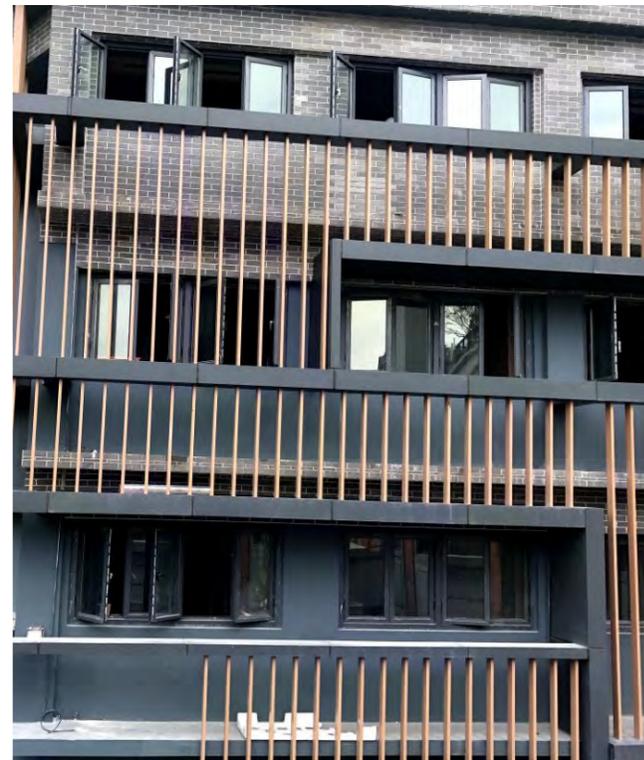
Frequency (Hz)	$\alpha_s$
100	0.56
125	0.65
160	0.60
200	0.73
250	0.74
315	0.78
400	0.70
500	0.61
630	0.74
800	0.75
1000	0.74
1250	0.80
1600	0.76
2000	0.78
2500	0.75
3150	0.77
4000	0.75
5000	0.71



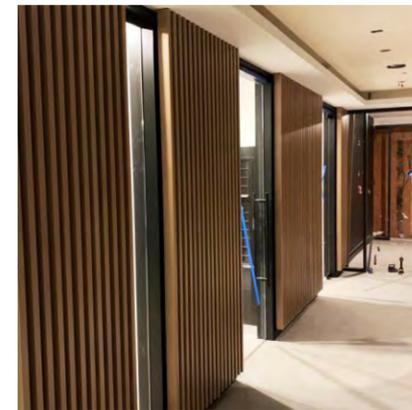
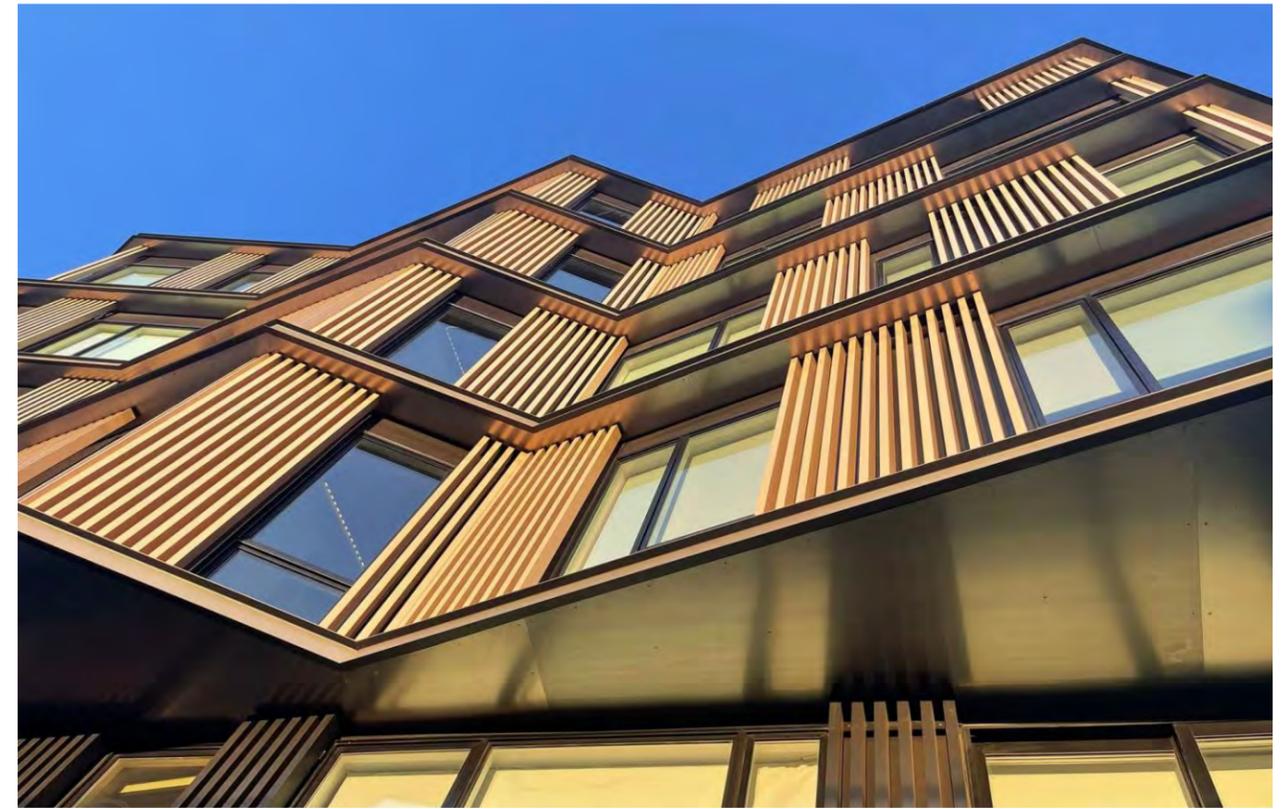
## SQUARE TUBE

Aluminum Square Tube is an extruded profile made from grade 6060 T6 aluminum, renowned for its robust strength and high corrosion resistance, making it particularly well-suited for exterior applications. This tube is a versatile component for building facades, particularly those with windows, due to its durability and aesthetic appeal.

Size Range	Thickness
Smallest: 10 x 10mm ~ Largest: 300 x 300mm	The thickness of aluminum square tube is determined by the mold and cannot be arbitrarily chosen.
Any other size can be made between these range.	



## Typical Project Cases



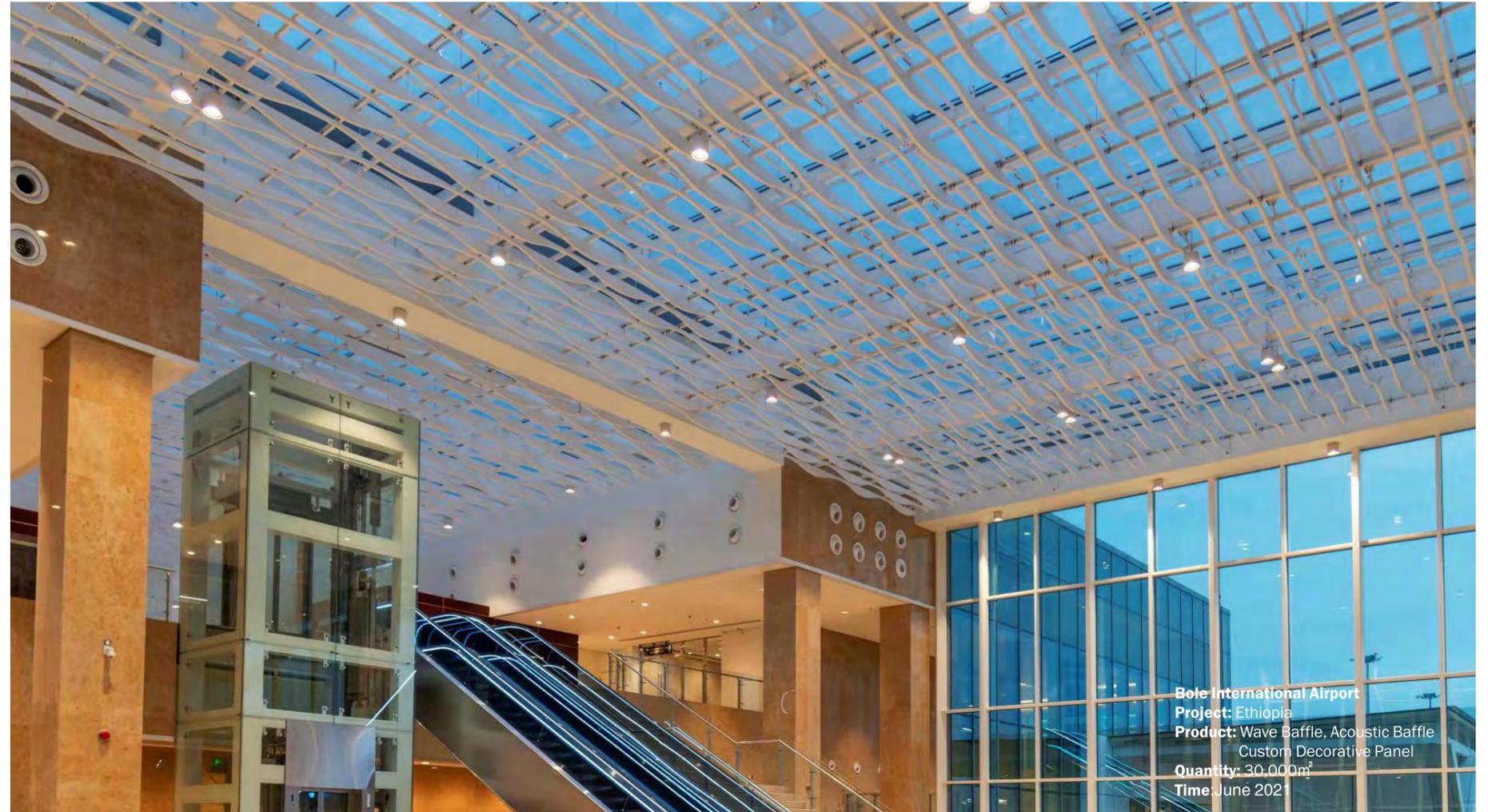
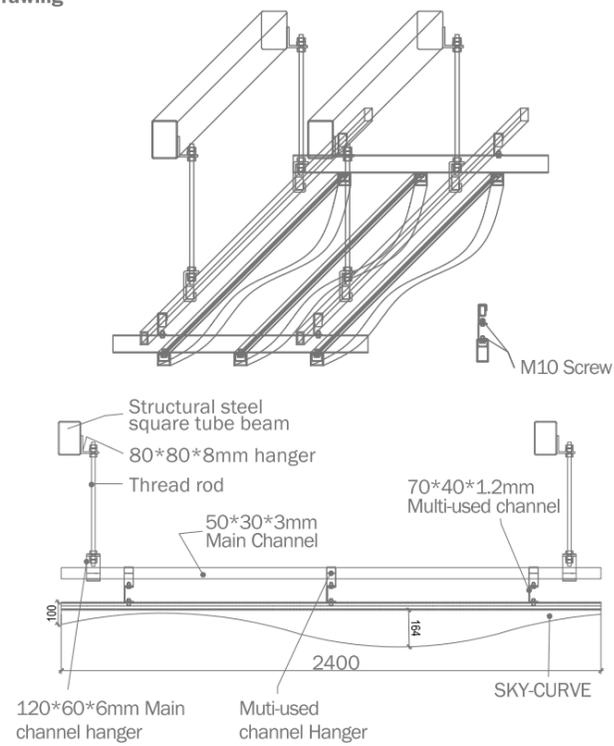
## SKY-CURVE

Sky-Curve is a specially designed decorative system that can be applied to ceilings or walls. It features a unique wave-like form that adds an extraordinary effect and style to any environment.

To accommodate diverse design requirements, the length and spacing of each panel can be customized to suit individual needs. With no limitations on this special product, we simply require the measurement of the target area, after which we will provide you with detailed drawings and a 3D model for review and confirmation.

Specifications	Range	Custom Options
Baffle Depth	50mm to 450mm	Available
Baffle Length	1000mm to 6000mm	Available
Blade Spacing	0mm to 100mm	No requirement
Baffle Thickness	AL2.5mm or above	Depend on project

### Production Drawing



**Bole International Airport**  
**Project:** Ethiopia  
**Product:** Wave Baffle, Acoustic Baffle  
 Custom Decorative Panel  
**Quantity:** 30,000m<sup>2</sup>  
**Time:** June 2021



During Production



Tes Installation

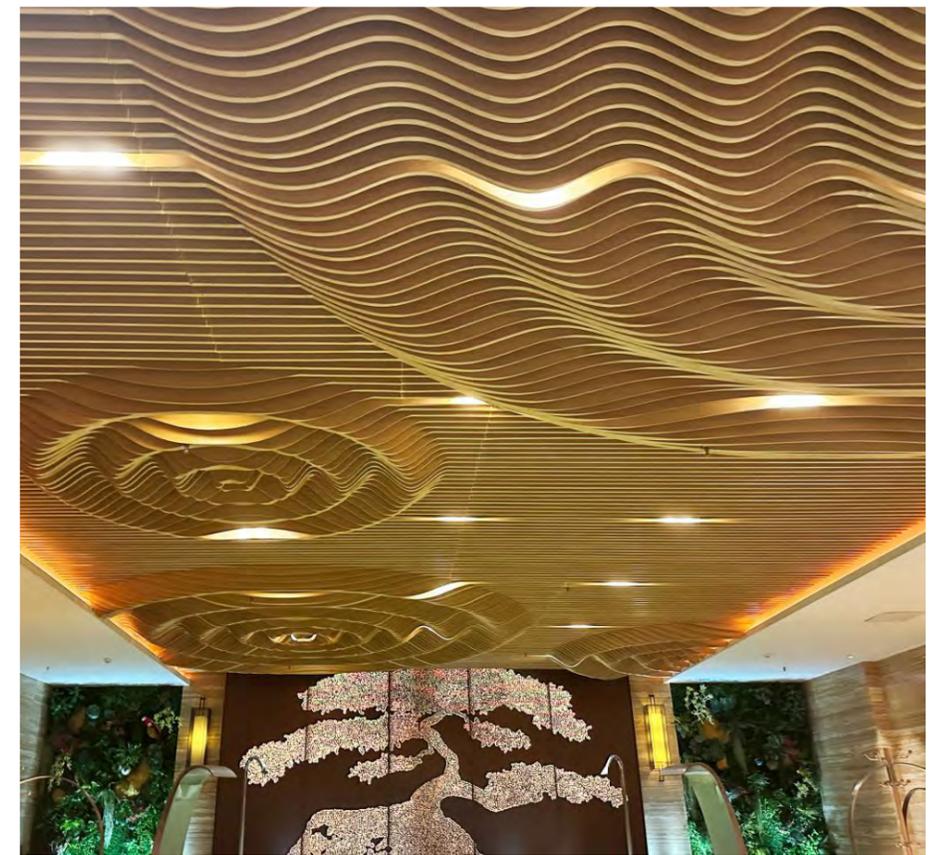
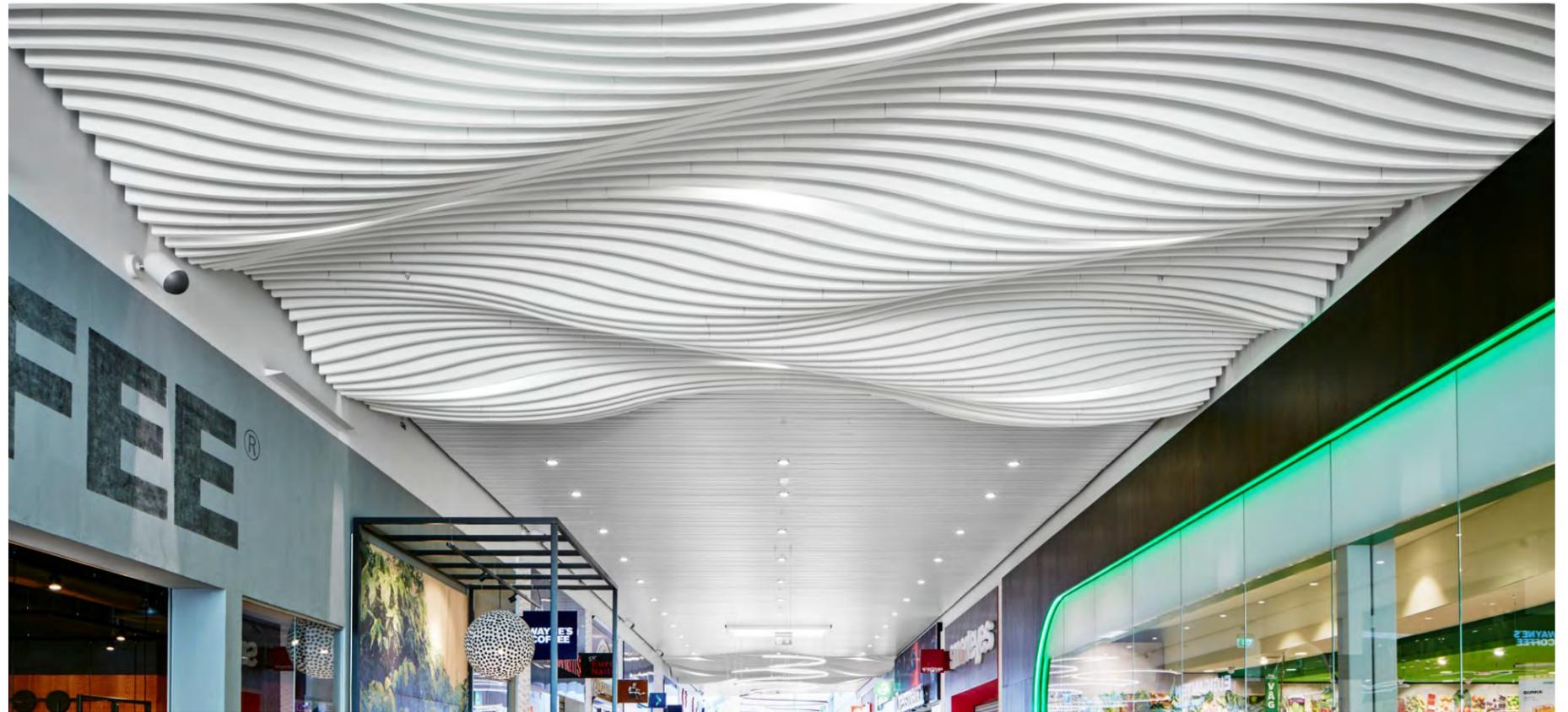
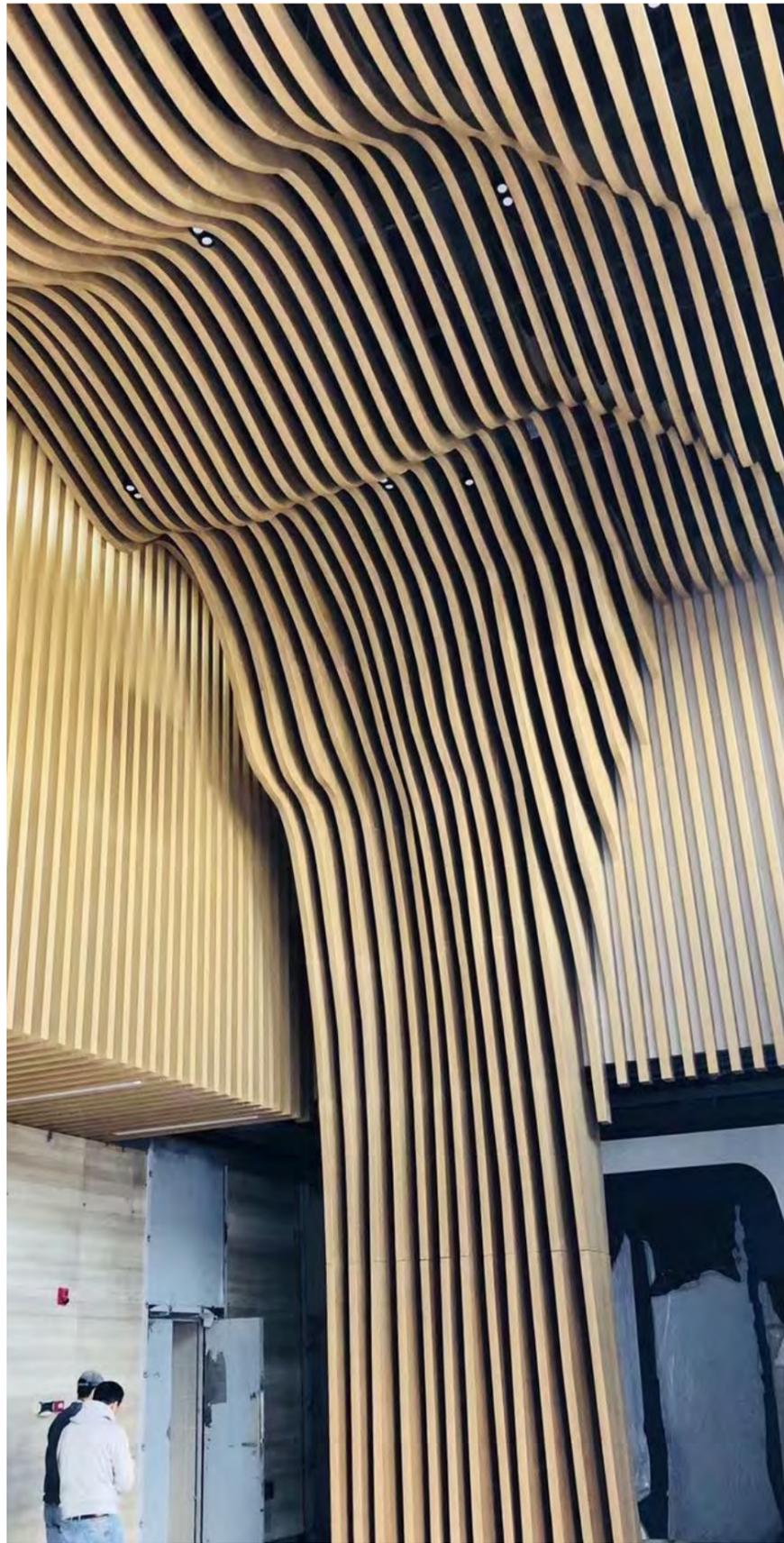


Wood-box Packing

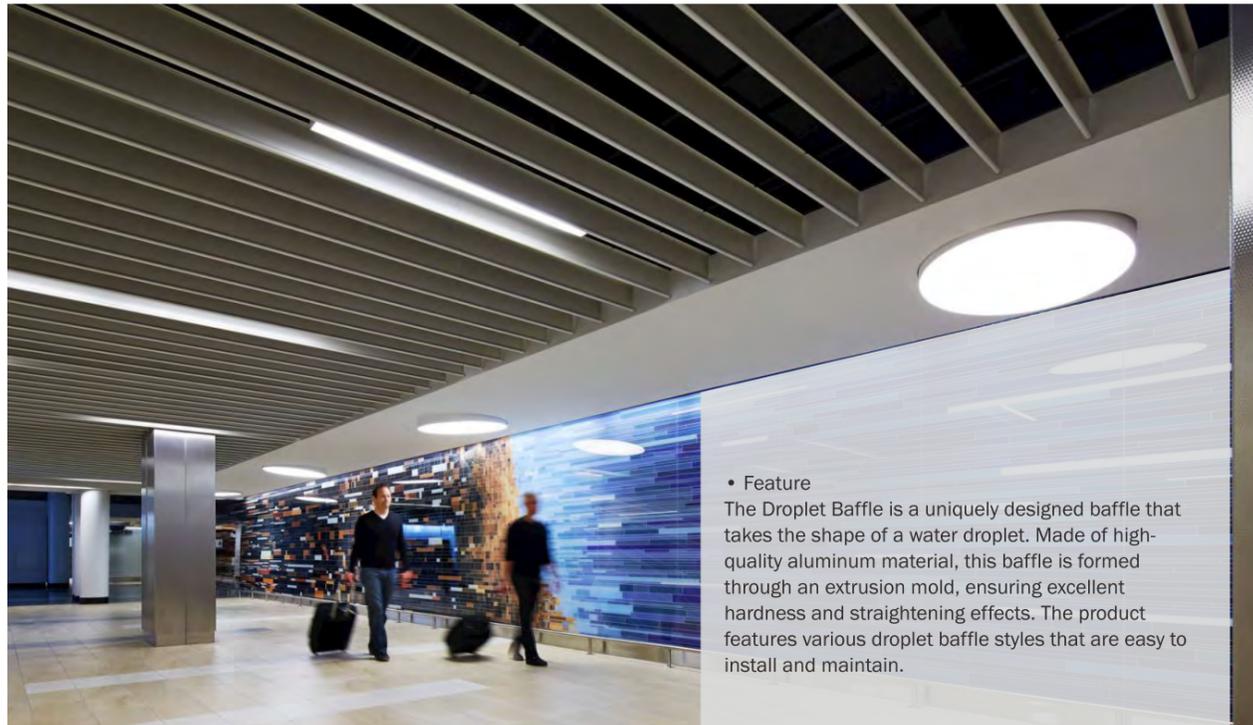


Delivery

Typical Project Cases

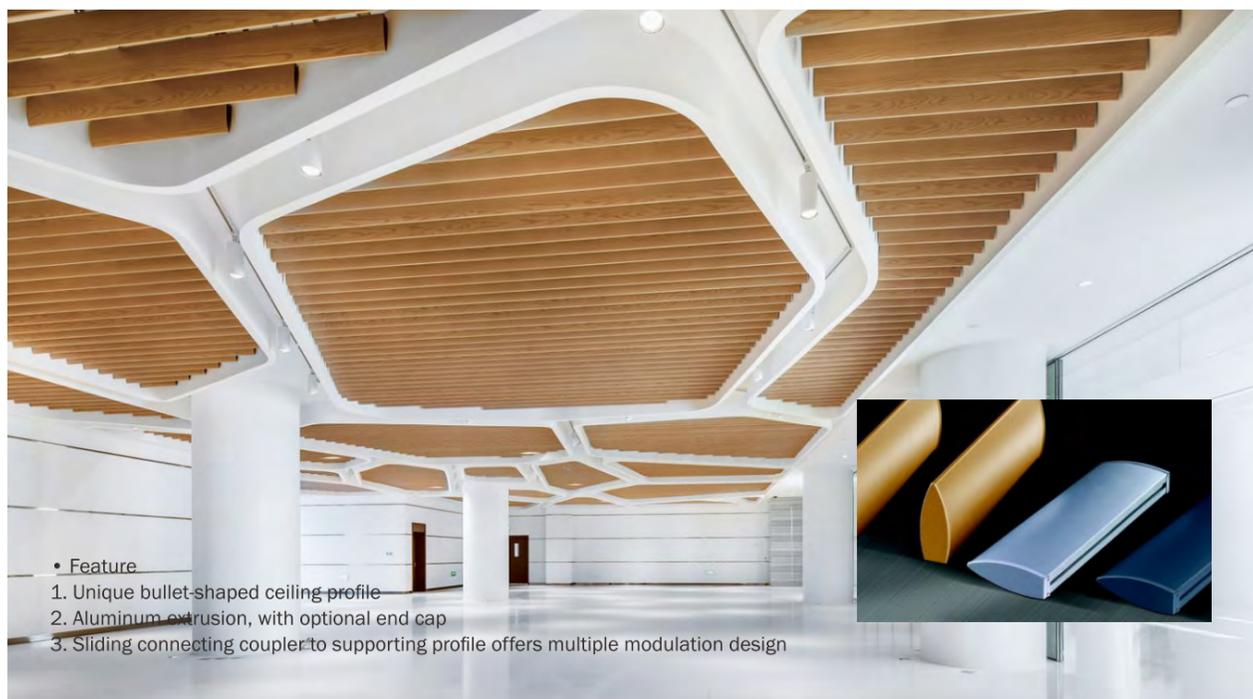


MORE STYLE PROFILE LIST

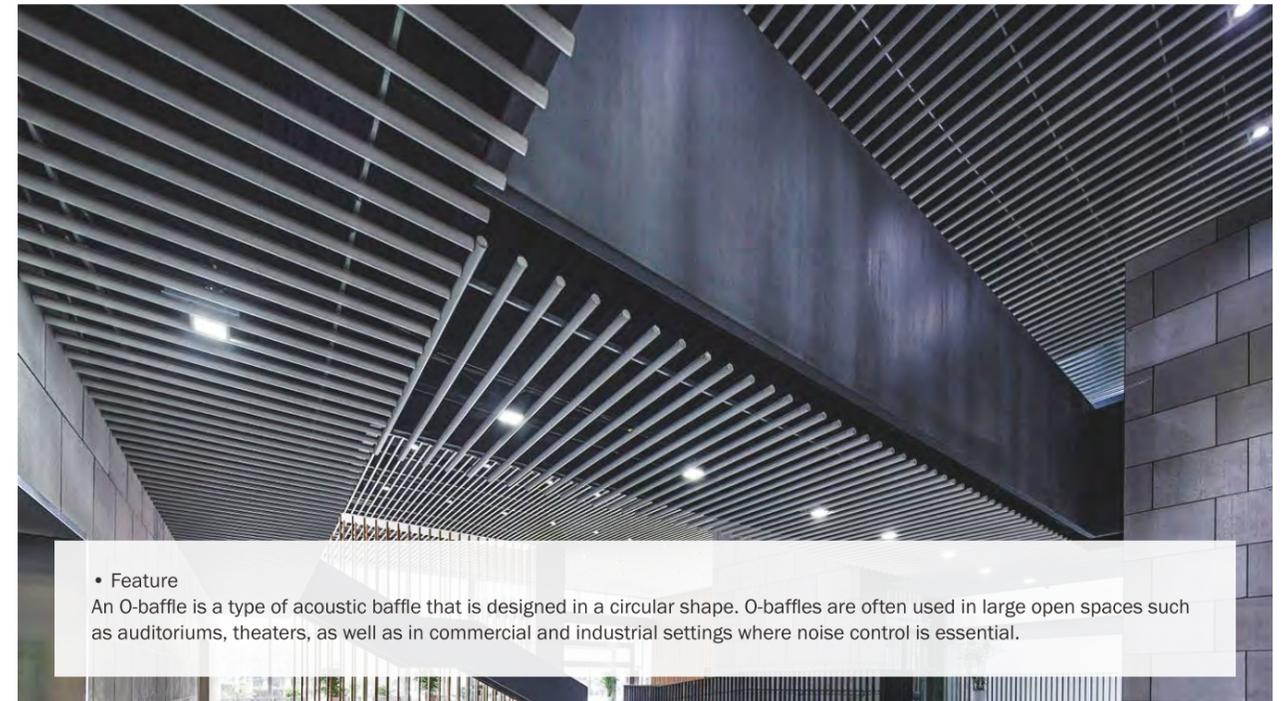


• Feature  
The Droplet Baffle is a uniquely designed baffle that takes the shape of a water droplet. Made of high-quality aluminum material, this baffle is formed through an extrusion mold, ensuring excellent hardness and straightening effects. The product features various droplet baffle styles that are easy to install and maintain.

Type	Thickness	Type	Thickness	Type	Thickness	Type	Thickness								
PRTH-18015	0.8mm	PRTH-18017	0.8/1.0mm	PRTH-18256	0.8mm	PRTH-18154	1.0mm	PRTH-18013	0.8mm	PRQY-005-268	1.0mm	PRTH-18014	0.9mm	PRQY-005-268A	0.8mm

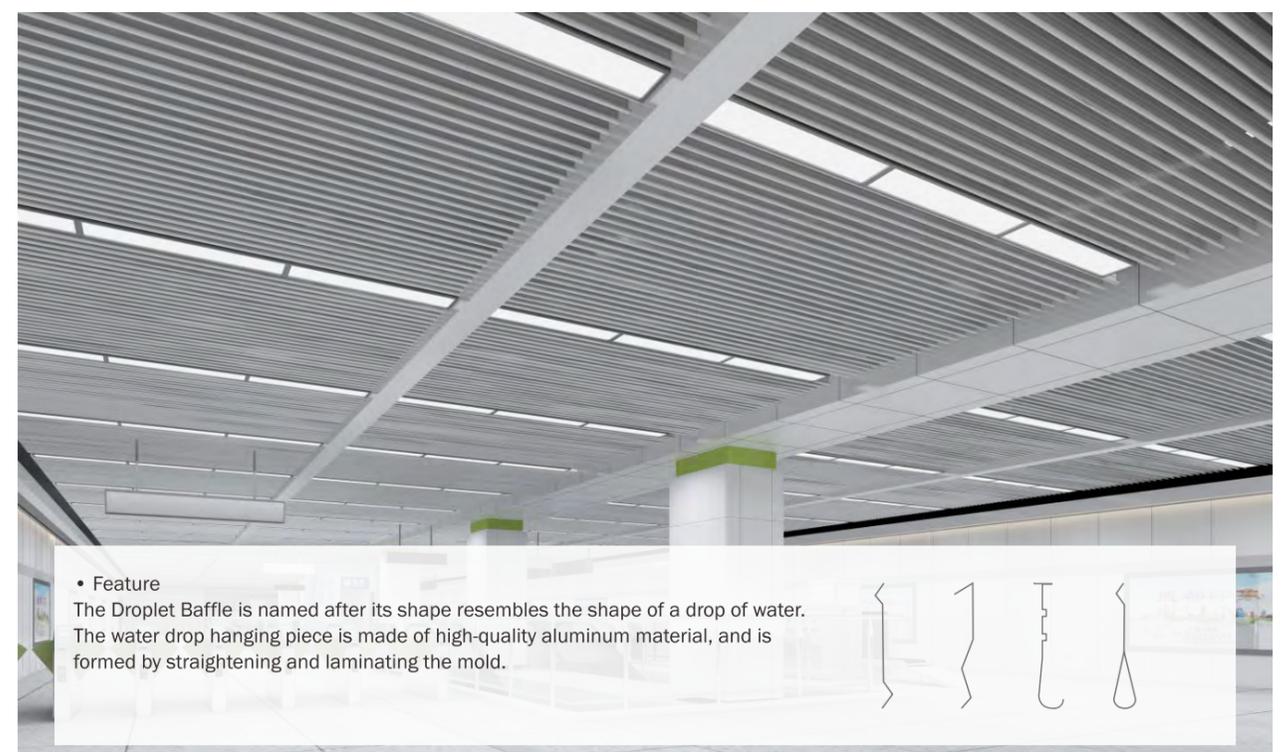


- Feature
1. Unique bullet-shaped ceiling profile
  2. Aluminum extrusion, with optional end cap
  3. Sliding connecting coupler to supporting profile offers multiple modulation design



• Feature  
An O-baffle is a type of acoustic baffle that is designed in a circular shape. O-baffles are often used in large open spaces such as auditoriums, theaters, as well as in commercial and industrial settings where noise control is essential.

Type	Thickness	Type	Thickness	Type	Thickness	Type	Thickness	Type	Thickness
PRTH-18002	0.8mm	PRTH-18004	0.9/1.0/1.4mm	PRTH-18011	1.0mm	PRQY-005-263	1.0mm	PRTH-18220	0.9mm



• Feature  
The Droplet Baffle is named after its shape resembles the shape of a drop of water. The water drop hanging piece is made of high-quality aluminum material, and is formed by straightening and laminating the mold.



## OPEN CEILING

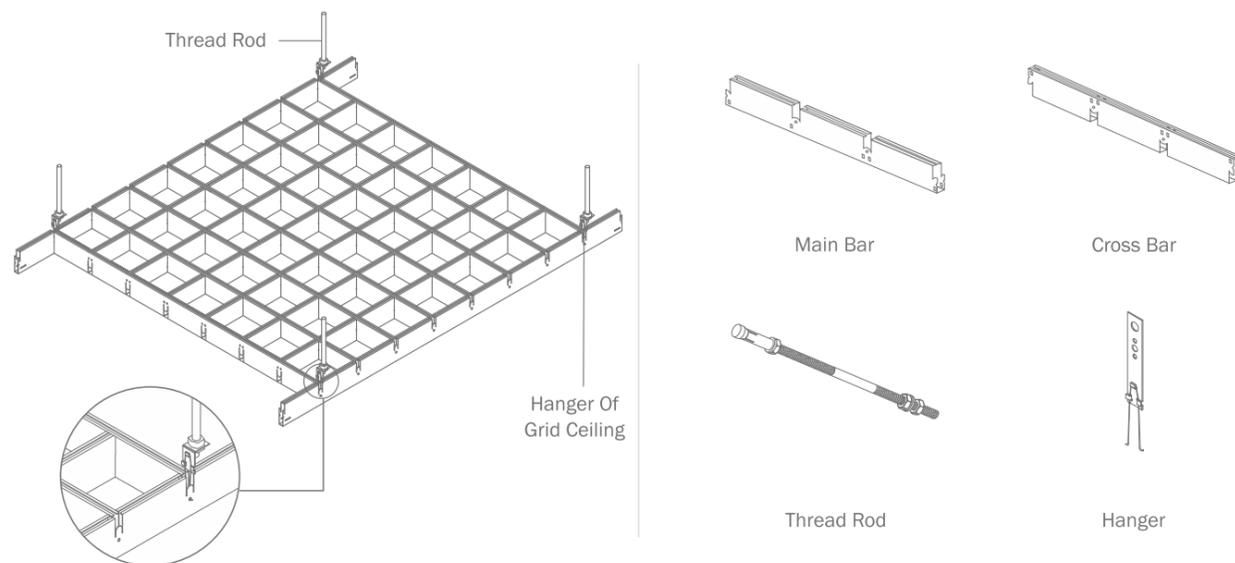


### Specification

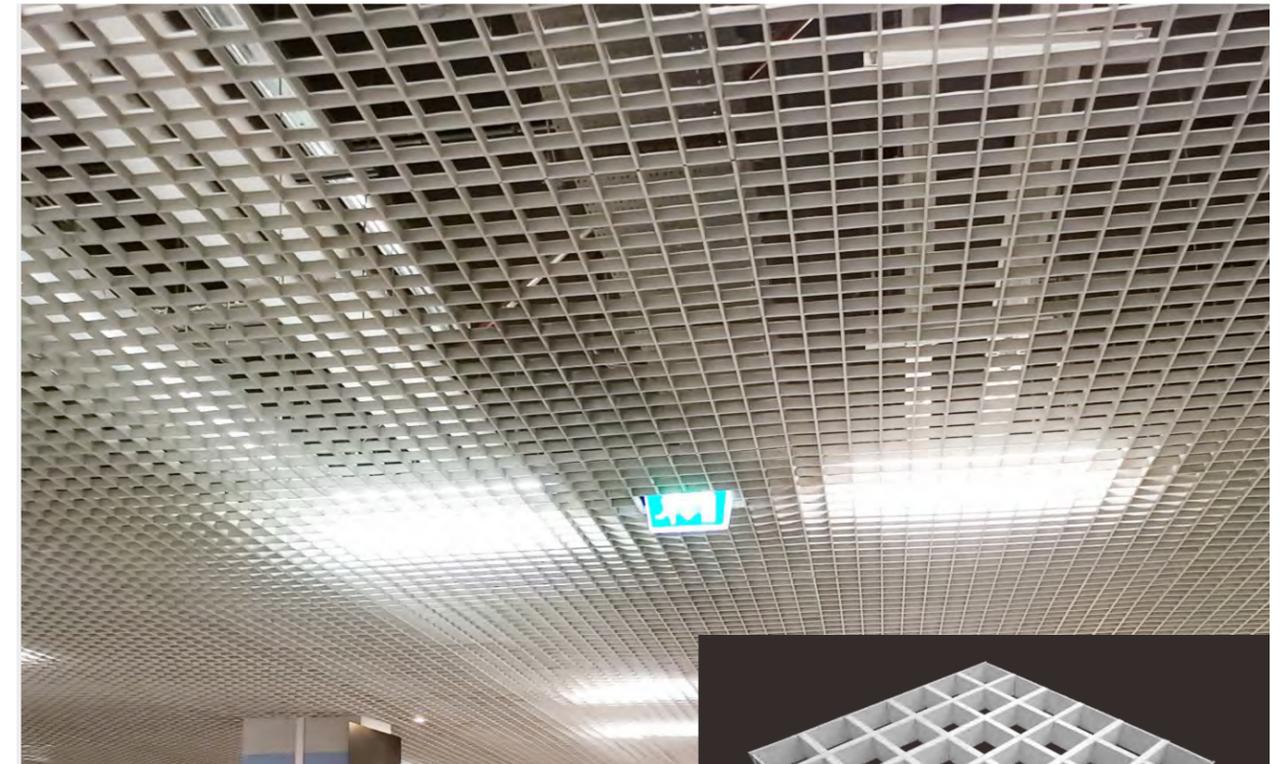
- **Material** AA grade aluminum alloy
- **Individual Bar width** 10mm~50mm
- **Individual Bar Height** 10mm~200mm
- **Bar Thickness** 0.4~2.0 mm
- **Bar length** 1000 mm~6000 mm
- **Interior Cell Size** 100mm x 100mm, 150mm x 150mm, 200mm x 200mm, 300mm x 30mm, custom cell sizes available
- **Product Advantages** Open Ceiling can be fit in various environment whether is office, or fine dining restaurant and offer clean, modern design.



### Installation



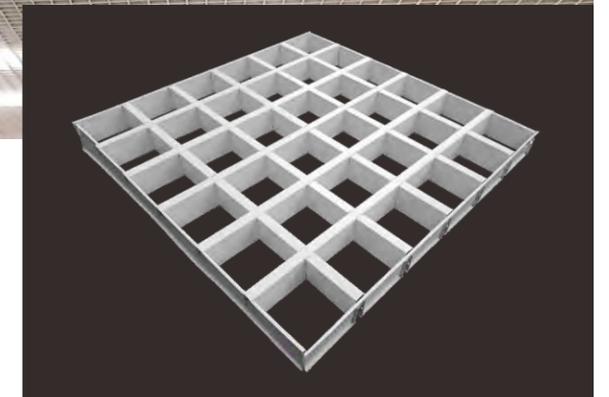
## OPEN CEILING SQUARE LAY-IN



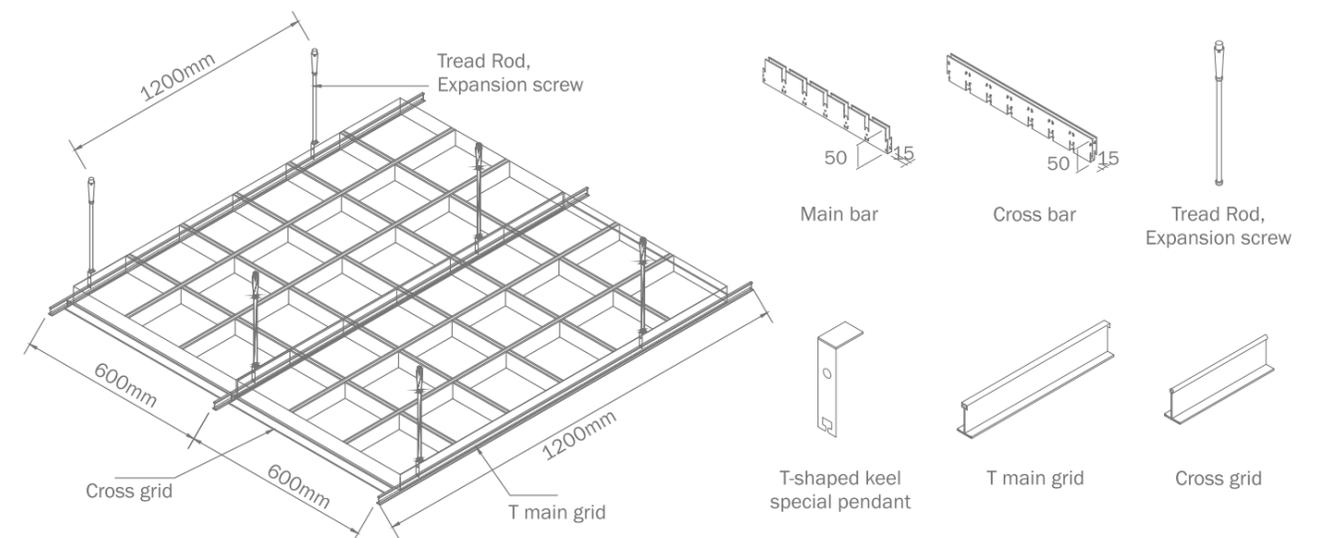
Open size	Width	Height	Thickness
500*500	15	50	0.5-0.7
100*100	15	50	0.5-0.7
150*150	15	50	0.5-0.7

Unit: mm

- **Accessories**  
T Bar suspension system  
Lay in system is fast and easy to install, powder-coated finish.



### Installation



## TYPICAL PROJECT CASES

### - Valuetronics Holding Limited Building, Vietnam

**Place:** Vinh Phuc Province, Vietnam  
**Product:** Anodized Aluminum Facade & Interior Panel,  
Carving Panel, Company Logos  
**Quantity:** 1,700m<sup>2</sup>  
**Time:** June 2022

Valuetronic, a Hong Kong-listed company, has established a new manufacturing facility in Vietnam, featuring a unique gold-colored anodized aluminum facade material supplied by Coil of Belgium. PRANCE has been entrusted with the responsibility of delivering the exterior facade, interior wall cladding, logos, carving panels, and technical and drawing support for the project.



Completion



Installing



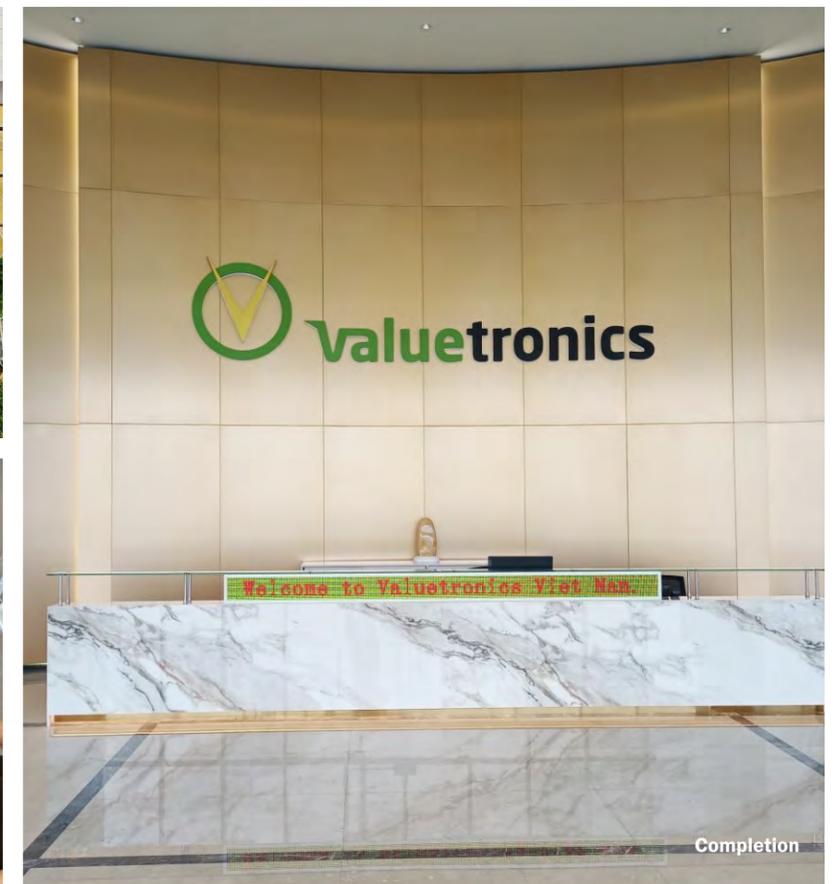
Anodized Material arrived from Belgium



Fabricating in factory



Quality checking



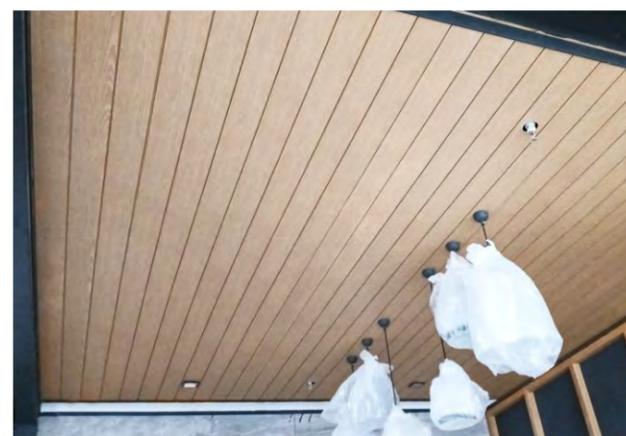
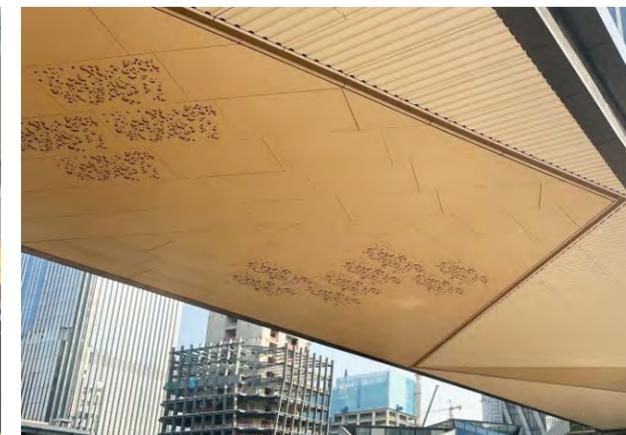
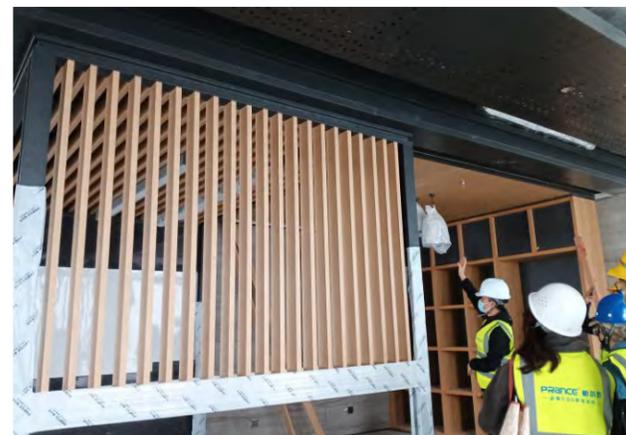
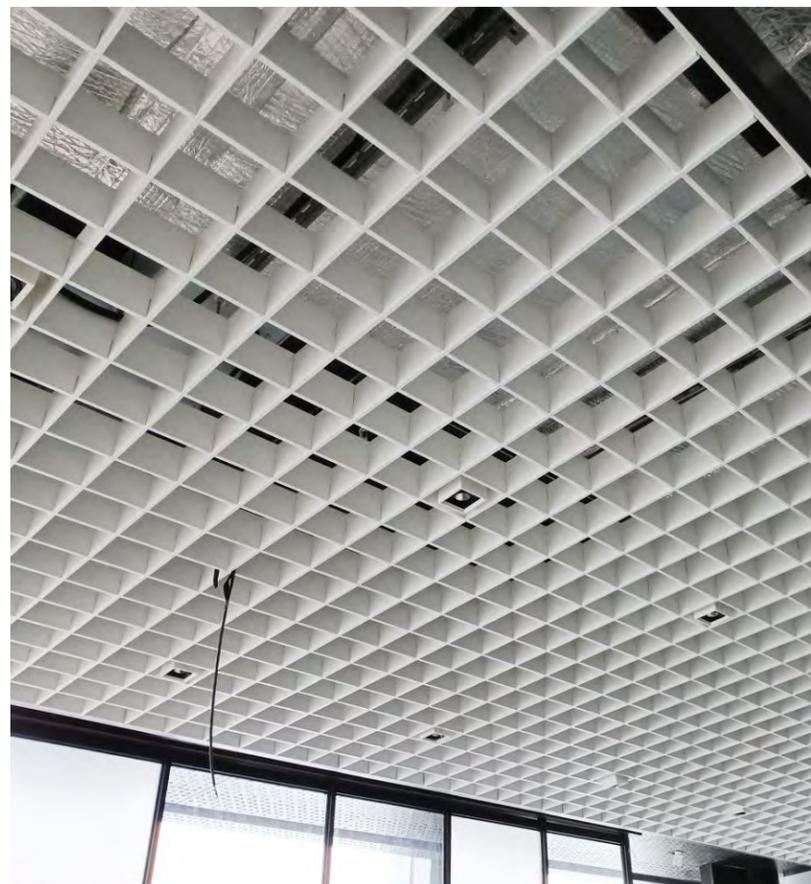
Completion

## TYPICAL PROJECT CASES

### - Tencent Digital Tower, China

**Place:** Shenzhen, China  
**Product:** Perforated Aluminum Panel,  
Aluminum Interior Panel,  
U-Baffle,  
G-Plank Ceiling,  
Other Metalwork  
**Quantity:** 100,000m<sup>2</sup>  
**Time:** May 2022

PRANCE has been awarded the prestigious contract to provide materials and installation for 31 floors in two towers for Tencent, the largest internet company in China and one of the top 10 in the world. The towers stand at 230 meters and 155 meters high respectively, and PRANCE is proud to take on the responsibility of delivering exceptional quality and service for this significant project.



## TYPICAL PROJECT CASES

### - Haikou Sun Moon Duty Free Plaza, China

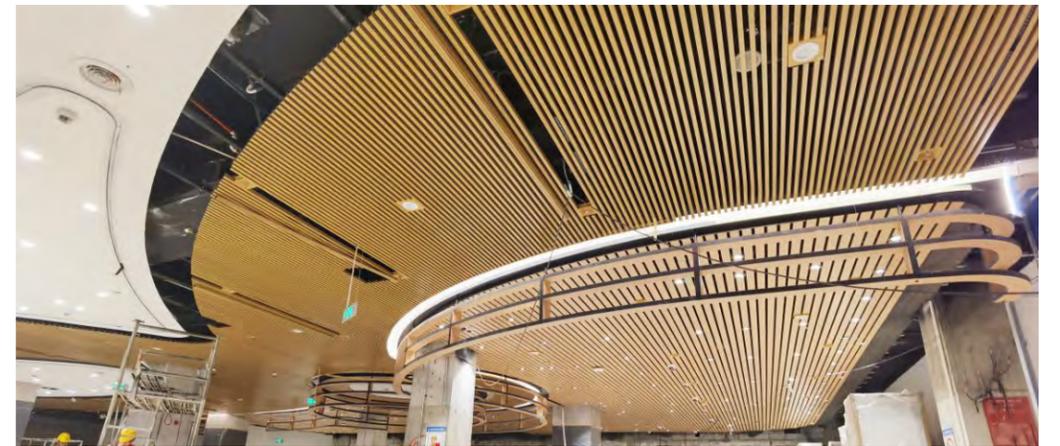
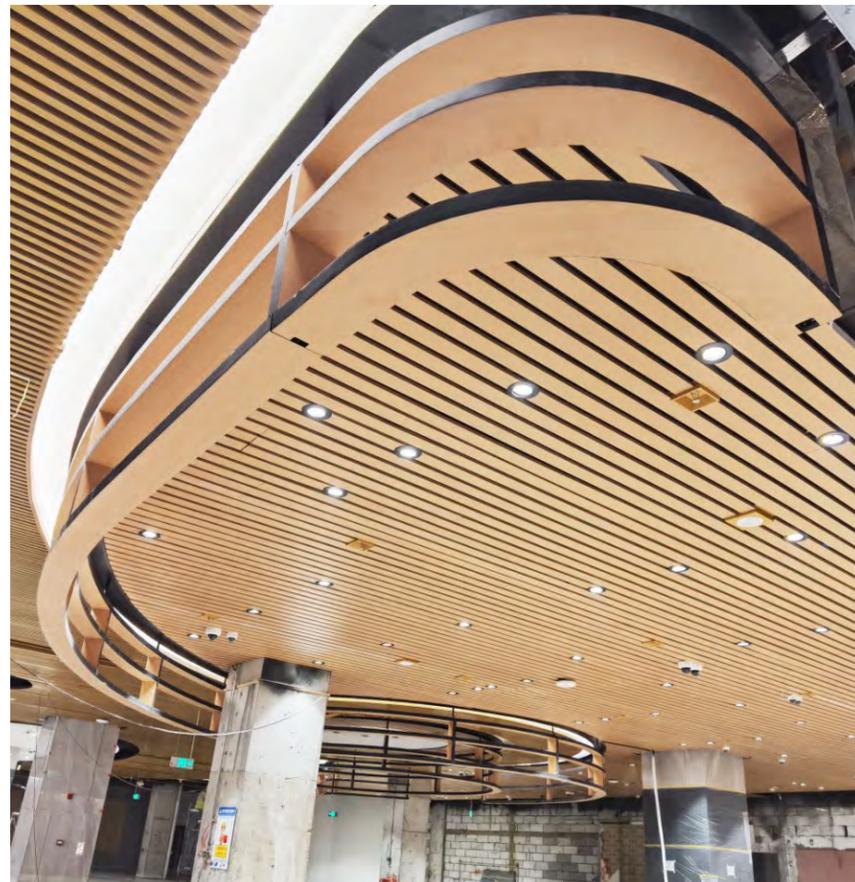
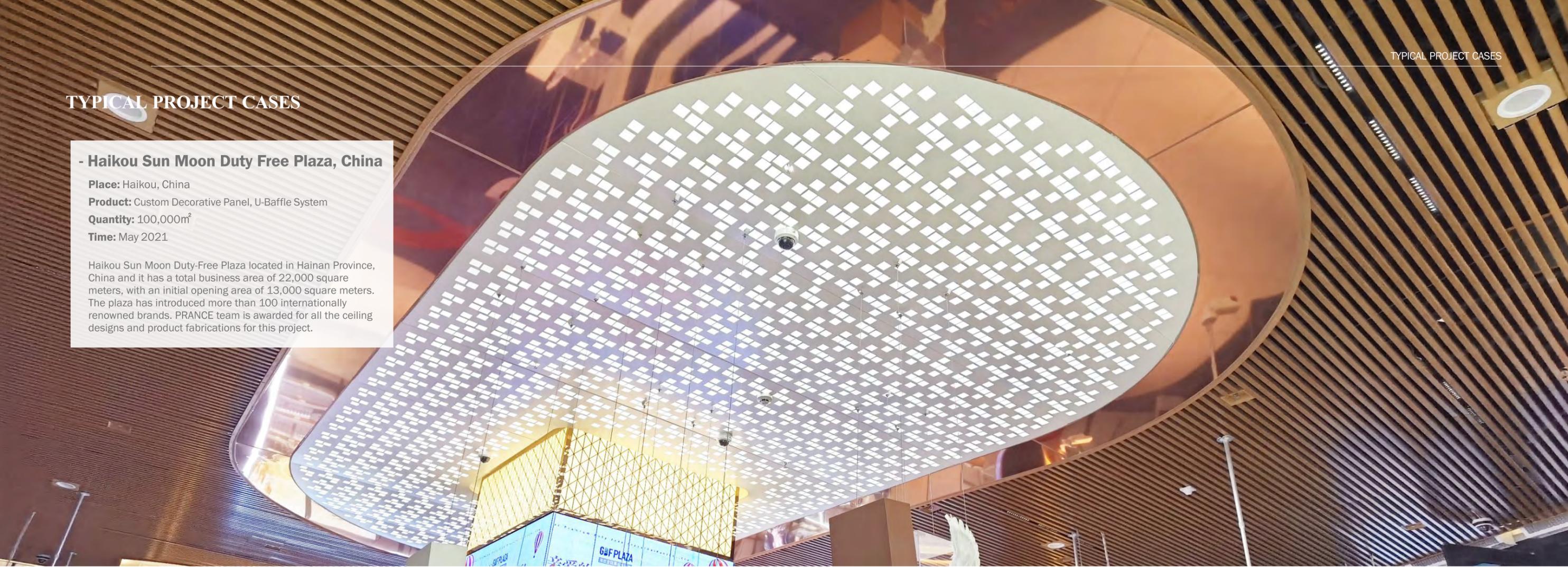
**Place:** Haikou, China

**Product:** Custom Decorative Panel, U-Baffle System

**Quantity:** 100,000m<sup>2</sup>

**Time:** May 2021

Haikou Sun Moon Duty-Free Plaza located in Hainan Province, China and it has a total business area of 22,000 square meters, with an initial opening area of 13,000 square meters. The plaza has introduced more than 100 internationally renowned brands. PRANCE team is awarded for all the ceiling designs and product fabrications for this project.



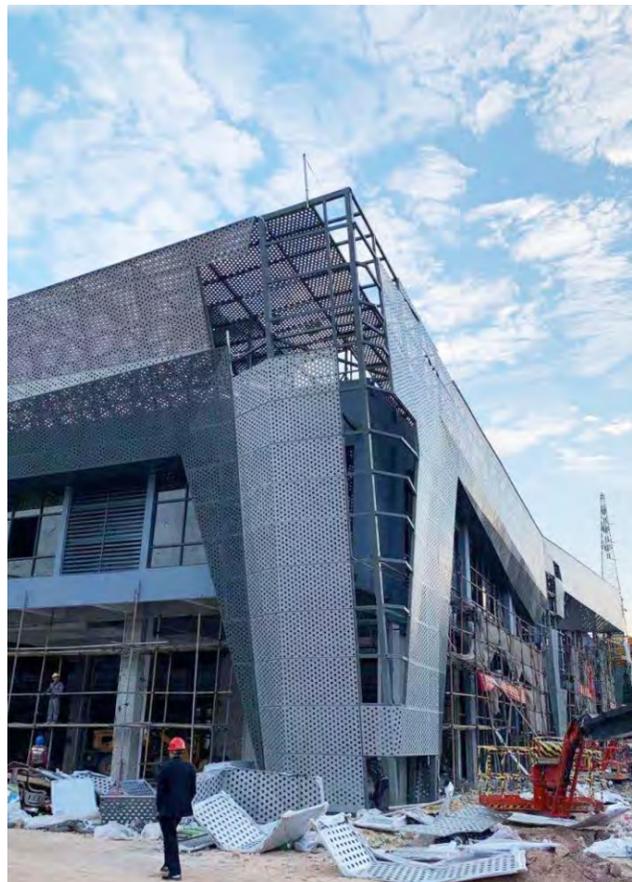
TYPICAL PROJECT CASES

# Apollo Park

## - Baidu Apollo Park, China

**Place:** Guangzhou, China  
**Product:** Structural Steel Frame,  
 Aluminum Perforated Panel  
**Quantity:** 4,000m<sup>2</sup>  
**Time:** January 2021

PRANCE was awarded the full contract for Baidu's project, which included design, providing major materials such as steel frames and custom perforated aluminum panels, and installation. We completed the 4000m<sup>2</sup> metal project within 45 days, a challenging task that we accomplished with excellence. Check out our Instagram (Prance\_Metalwork) for a video of this impressive project.



## TYPICAL PROJECT CASES

### - Bole International Airport, Ethiopia

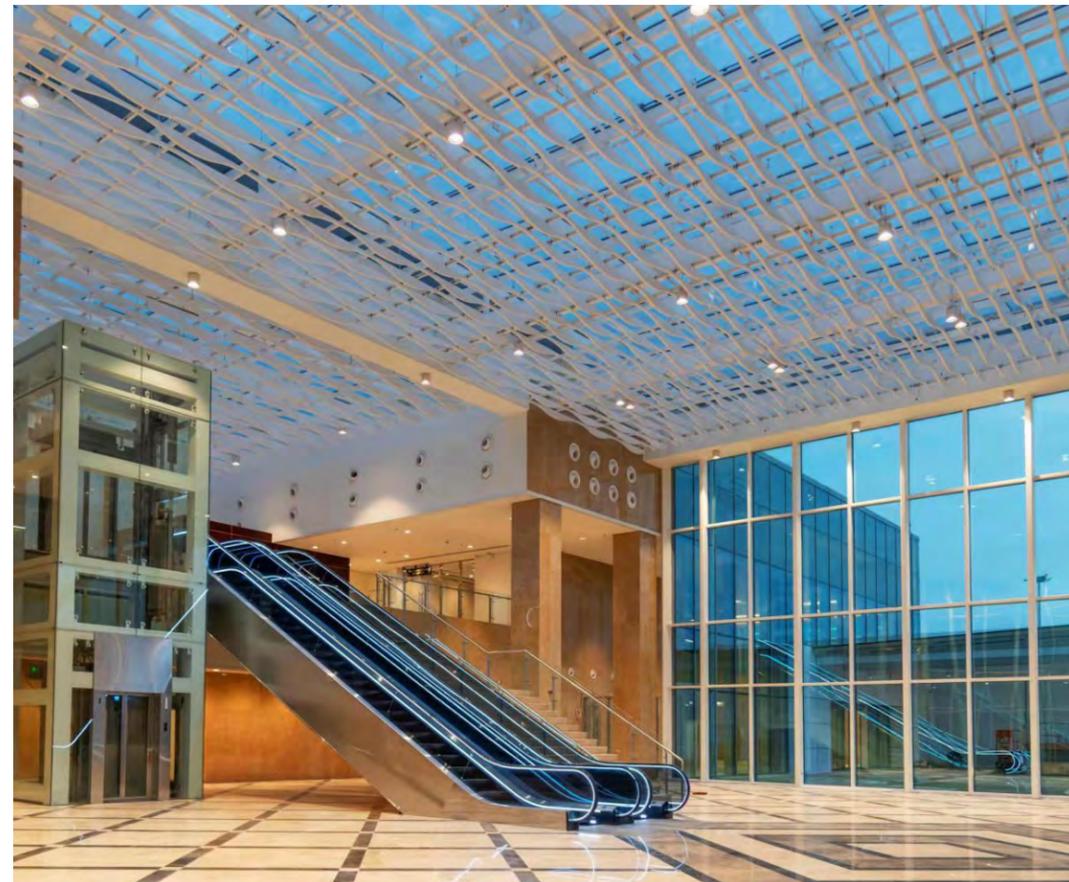
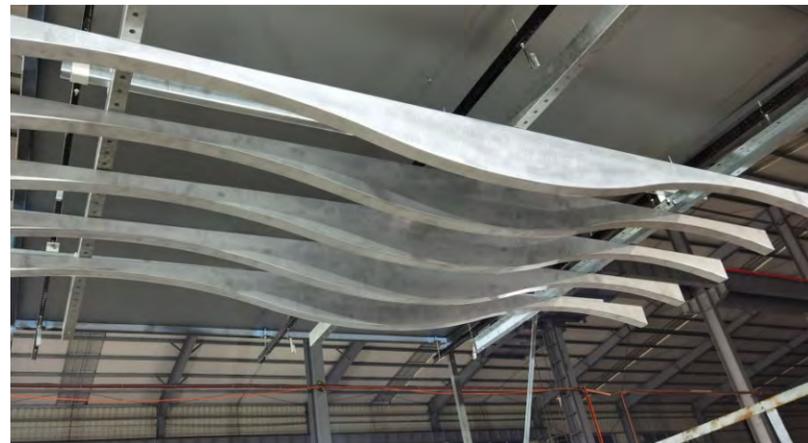
**Place:** Addis Ababa, Ethiopia

**Product:** Curving-Baffle Ceiling,  
U-Baffle Ceiling

**Quantity:** 89,500m<sup>2</sup>

**Time:** June 2021

Addis Ababa Bole International Airport is a project supported by the Chinese government. We are honored to receive this task and all metal ceilings in the airport are provided by PRANCE.



## PROJECT LIST

## Airport



**Chennai International Airport, India**  
**Product:** Plank Ceiling System  
**Quantity:** 13,800 m<sup>2</sup>

Project	Product	Quantity
Istanbul International Airport, Turkey	Wave U-Baffle System	10,000 m <sup>2</sup>
Vladivostok Airport, Russia	Plank Ceiling and Clip-in Ceiling System	3,800 m <sup>2</sup>
Brisbane International Airport, Australia	Plank Ceiling System	3,000 m <sup>2</sup>
Bole International Airport, Ethiopia	Curving-Baffle Ceiling, U-Baffle Ceiling	30,000 m <sup>2</sup>
Ningbo airport, China	Clip-in Ceiling System	2,500 m <sup>2</sup>
International Airport VIP lounge, Curacao	Baffle Profile System	300 m <sup>2</sup>

## Train Station and Metro Line



**Foshan Metro Line 2, China**  
**Product:** Custom Decorative Panel  
**Quantity:** 120,000 m<sup>2</sup>



**Xuchang Train Station, China**  
**Product:** Plank Ceiling System  
**Quantity:** 30,000 m<sup>2</sup>

Project	Product	Quantity
Ningbo Metro Line 4, China	Custom Decorative Panel, Baffle Profile System	90,000 m <sup>2</sup>
Qingdao Chengyang Railway Station, China	Wood-grain Custom Decorative Panel	2,400 m <sup>2</sup>
Guiyang Metro Line 2, China	Custom Decorative Panel, Mesh Ceiling System	50,000 m <sup>2</sup>
Xihua Train Station, China	Plank Ceiling System	3,000 m <sup>2</sup>
Dalian Metro Line 2, China	Custom Decorative Panel	1,200 m <sup>2</sup>
Kunming Metro Station, China	Custom Decorative Panel	2,600 m <sup>2</sup>
Fujian Metro Station, China	O-Baffle System	3,500 m <sup>2</sup>
Chongqing Rail Line 1, China	Custom Decorative Panel	3,100 m <sup>2</sup>
Foshan Metro Line 3 Shunde Station, China	Custom Decorative Panel	2,000 m <sup>2</sup>

## Shopping Mall



**Manila Melawati Mall, Philippines**  
**Product:** Custom Decorative Panel, U-Baffle System  
**Quantity:** 12,800 m<sup>2</sup>

Project	Product	Quantity
Huangpu Baidu Apollo Park, China	Custom Decorative Panel Facade System	3,300 m <sup>2</sup>
Guangxi Nanning Wandamao Complex Project	Custom Decorative Panel	4,000 m <sup>2</sup>
Adioriom Sudio, Malaysia	Custom Decorative Panel	500 m <sup>2</sup>
Doha World Cup Stadium, Qatar	Clip-in System	122,000 m <sup>2</sup>
Elante Mall, India	Baffle System	700 m <sup>2</sup>
Singapore Club, Singapore	Clip-in Ceiling System	1,350 m <sup>2</sup>
Doha Shopping Mall Parking Lot, Qatar	Open Ceiling System	35,000 m <sup>2</sup>
Vietnam Shopping Center Outer Wall, Vietnam	Anodized Custom Decorative Panel	1,000 m <sup>2</sup>
Wuhan Wanda Plaza, China	Custom Decorative Panel, Clip-in Ceiling System	3,800 m <sup>2</sup>
Kuwait National Security Bureau, Kuwait	Custom Decorative Panel Facade System	6,000 m <sup>2</sup>
Haikou Sun Moon Duty Free Plaza, China	Custom Decorative Panel, U-Baffle System	100,000 m <sup>2</sup>
Porsche Showroom, China	Baffle System	130 m <sup>2</sup>

## Office



**Fujian Youli Carburetor Factory Lobby, China**  
**Product:** Anodized Custom Decorative Panel System  
**Quantity:** 2,100 m<sup>2</sup>



**Shenzhen Qianhai Office Building, China**  
**Product:** Lay-in Combination System  
**Quantity:** 3,600 m<sup>2</sup>

Project	Product	Quantity
Maryland Financial Aid Offices, USA	Custom Decorative Panel	1,150 m <sup>2</sup>
Shenzhen Evergrande Headquarters Building, China	Custom Decorative Panel, Clip-in Ceiling System	3,400 m <sup>2</sup>
Yunnan Kunming Huaneng Building, China	Plank Ceiling, Baffle and Clip-in Ceiling System	32,690 m <sup>2</sup>
Sofitel Office, Bulgaria	Lay-in Ceiling System	1,400 m <sup>2</sup>
Mumbai Office Project, India	Lay-in Ceiling System	5,300 m <sup>2</sup>
Sanshui Tongbao Office Building, China	Custom Decorative Panel, Clip-in Ceiling System	4,100 m <sup>2</sup>
Tencent Digital Tower, China	Custom Decorative Panel, Plank Ceiling System	100,000 m <sup>2</sup>
Shenzhen Kingdee Software Park, China	Wood-grain Honeycomb Panel	700 m <sup>2</sup>
Skyline Office Building, Serbia	Custom Decorative Panel with Hook-on System	800 m <sup>2</sup>
Libyan Bank, Libya	Lay-in Ceiling System	2,600 m <sup>2</sup>
Modern hardware Headquarter, China	Custom Decorative Panel	500 m <sup>2</sup>

## Government



**Pakistan Nuclear Power Plant, Pakistan**  
**Product:** Custom Decorative Panel, Clip-in Ceiling System  
**Quantity:** 1,200 m<sup>2</sup>

Project	Product	Quantity
Zhaoqing People's Court (won Luban Prize), China	Lay-in Ceiling System	11,000 m <sup>2</sup>
Malawi Gas Station, Malawi	Custom Decorative Panel, Plank Ceiling System	5,000 m <sup>2</sup>
Yunnan Electric Vehicle Charging Station, China	Custom Decorative Panel	100 m <sup>2</sup>
Nanjing Olympic Sports Center, China	Custom Decorative Panel	10,000 m <sup>2</sup>
Changsha Helong Gymnasium, China	Clip-in Ceiling System	16,000 m <sup>2</sup>

## Hotel and Lodging



**Algeria 5-star hotel, Algeria**  
**Product:** Custom Decorative Panel, Windows and Doors  
**Quantity:** 5,000 m<sup>2</sup>



**807 N.3rd Luxury Resident, USA**  
**Product:** Watchband panel System, Plank Ceiling System, Baffle Profile System  
**Quantity:** 3,000 m<sup>2</sup>

Project	Product	Quantity
Zhengzhou Jianguo Hotel, China	Custom Decorative Panel, U-Baffle System	32,000 m <sup>2</sup>
Da Nang Marriott Hotel, Vietnam	Wave Baffle System	2,800 m <sup>2</sup>
Qingdao Hongtai, China	Wood-grain Custom Decorative Panel	3,600 m <sup>2</sup>
Saudi NH Hotel, Saudi	Custom Decorative Panel, Curving Panel	2,500 m <sup>2</sup>
London JW Hotel, England	Custom Decorative Panel	1,500 m <sup>2</sup>
Philadelphia 1705 Luxury Resident, USA	Baffle Profile Facade System, U-Baffle System	2,000 m <sup>2</sup>
YADOT Business Apartment, Ethiopia	Wood-grain Baffle System	6,500 m <sup>2</sup>

## Hospital and School

Project	Product	Quantity
Beijing Normal University, China	Clip-in Ceiling System, Baffle Ceiling System	20,000 m <sup>2</sup>
No.1 Hospital, Mexico	Clip-in Ceiling System	1,200 m <sup>2</sup>
Zhejiang Litongde Hospital, China	Custom Decorative Panel	9,200 m <sup>2</sup>
Meissen Marine University, German	Custom Decorative Panel	3,200 m <sup>2</sup>
Nasir Hospital, Guatemala	Baffle System	8,000 m <sup>2</sup>
Dalian 201 PLA Military Region Hospital	Custom Decorative Panel	5,000 m <sup>2</sup>

## SURFACE FINISH

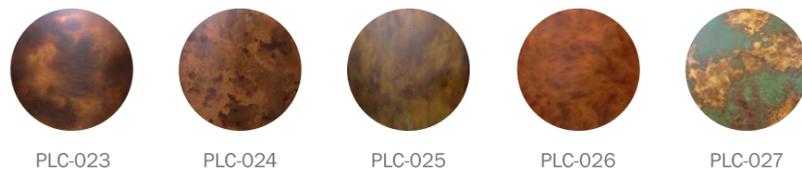
### • Anodized Surface Finish

Anodizing is a surface treatment that enhances the natural beauty of metal decorative panels while also providing durability and resistance to corrosion. The process integrates colors into the metal, rather than painting them on, resulting in a finish that retains the natural metallic appearance of the material.



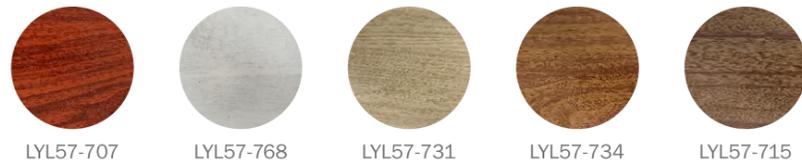
### • Anodized Cooper & Bronze Surface Finish

Anodized Cooper & Bronzes surface finish can be treated to achieve an aged or weathered appearance, giving them a vintage or antique look. This is often achieved through chemical treatments or coatings that create a patina or rusted effect on the surface.



### • Pre-coating Surface Finish

Pre-coating surface treatment on metal panels ensures consistent color and texture throughout the batches, as the coating is applied to the roll of metal before it is cut and formed into panels.



### • PVDF Surface Finish

PVDF surface finish refers to the application of polyvinylidene fluoride coating on metal surfaces, creating a durable and weather-resistant finish. This coating makes it suitable for use in a wide range of outdoor applications.



### • Powder Coating Surface Finish

Powder coating is a popular surface finish for metal panels where a dry powder is applied to the surface of the metal and then heated to create a smooth and durable coating.



### • Wood-grain Surface Finish

The wood-grain surface finish can be applied both indoors and outdoors for decorative metal panels, providing a natural and warm aesthetic that resembles the look of real wood. By partnering with top international wood-grain material suppliers, we can provide a quality guarantee of over 10 years.



### • 4D Wood-grain Surface Finish

4D wood-grain surface finish is a type of decorative finish that mimics the texture and appearance of real wood, providing a natural and warm feeling. The finish has a 4D effect, giving the illusion of depth and dimension. It can be applied to both interior and exterior metal panels, offering durability and longevity.



### • Stone-grain Surface Finish

Stone-grain surface finish is a type of surface treatment that creates a realistic stone texture on metal decorative panels. It is suitable for both indoor and outdoor applications.



### • Glass-look Surface Finish

Glass-look surface finish on metal decorative panels is achieved through a process of coating the surface with a high-gloss, transparent finish that simulates the appearance of glass.



### • Printing Surface Finish

Printing surface finish on metal panel is a process of transferring images or patterns onto the surface of the metal panel through printing technology, resulting in a high-resolution and vibrant surface finish.



Above are partial. More surface finishes are provided later in this book with full details for each of them such as all the major color options.

## ANODIZED SURFACE FINISH



**Youli Carburetor Showroom,**  
**Place:** Fujian, China  
**Product:** Gold and silver anodized panel  
**Quantity:** 1,200m<sup>2</sup>  
**Time:**

Anodizing is an electrochemical process that transforms the surface of a metal into a decorative, anodic oxide finish. This finish can provide a wide range of colors and finishes, making it a popular choice for custom metal decorative panels in architectural and commercial buildings.

In architectural and commercial building applications, the anodizing finish is often preferred over other surface finishes such as painting and powder coating because it preserves the metallic look of the metal panels.

**20**

**Durable**

Up to 20 years warranty letter can be provided by the aluminum anodizing material manufacturer.



**Metallic Look**

The natural metallic appearance and feel of the aluminium are fully preserved.



**Cost Effective**

Anodizing metal panels generally applied and seem in premium commercial areas which bring up the areas into high-class.



**Many Option**

Different textures such as regular, bright, brush, milling and color.



**Fire Reaction**

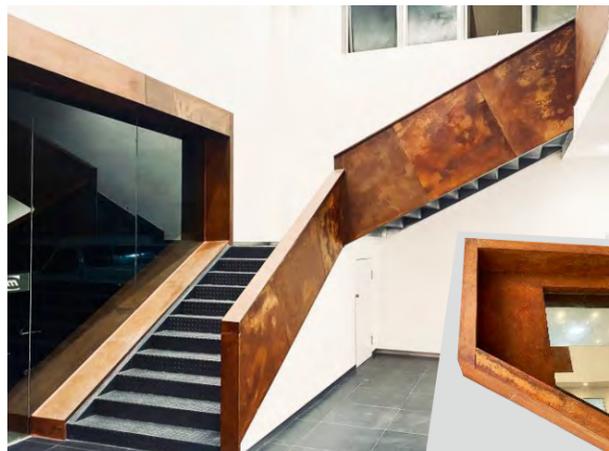
Euroclass B-s1, d0  
 Euroclass A2-s1, d0  
 EN 13501 - 1



**Weather Resistance**

Corrosion Resistance, Abrasion Resistance, No risk of adhesion failure, No possibility of fading or chalking.

## Anodized Cooper & bronze surface finish



The copper and bronze anodized surface finishes on metal decorative panels are achieved through a special process that creates an aged or weathered appearance on the surface.

This treatment is often used to achieve a rustic or vintage look on aluminum or copper panels used in architectural and commercial building projects. The resulting finish adds character and depth to the metal while still retaining its structural integrity and durability.

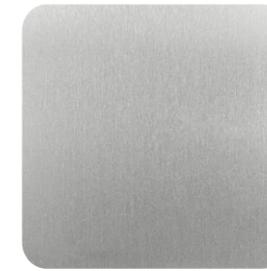
## Anodized color chart



PFJ-RC10



PFJ-RC11



PFJ-RC30



PFJ-SE31



PFJ-RC32



PFJ-RC33



PFJ-RC34



PFJ-G35



PR-032



PR-039



PR-042



PR-043



PFJ-RC23



PFJ-RC32



PFJ-RC46



PFJ-SE70



PFJ-RC92



PFJ-RC99



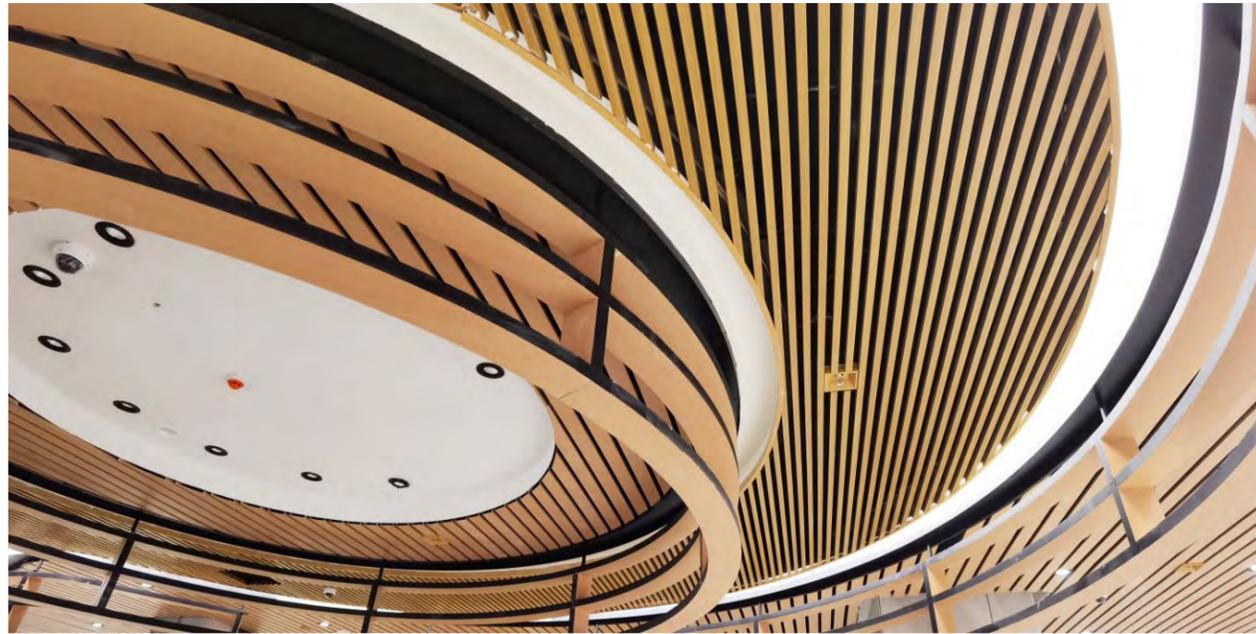
PLC-028



PLC-029

## PRE-COATING SURFACE FINISH

Pre-coating surface treatment on metal panels ensures consistent color and texture throughout the batches, as the coating is applied to the roll of metal before it is cut and formed into panels.



Color chart



Color Chart



## POWDER COATING SURFACE FINISH



Powder coating is a type of surface finishing technique that involves applying a dry, powdered material onto a metal surface, which is then heated to create a durable and long-lasting coating.

Advantages	Detail
Durability	Resistance to corrosion, chipping, scratching, and fading
Environmentally friendly	Free of VOCs and other harmful solvents
Versatility	Wide range of colors and finishes available
Cost-effective	Efficient application and reduced waste
Warranty	10 Years or above warranty can be provided if project needs
High-quality finish	Smooth surface



## PVDF SURFACE FINISH

After numerical bending and processing, applying imported aluminum plate, and then spraying enamel glaze on the front and back sides of the aluminum panel. Lastly, burning under high temperature the enamel solid panel completes.



### Color chart



## WOOD-GRAIN SURFACE FINISH

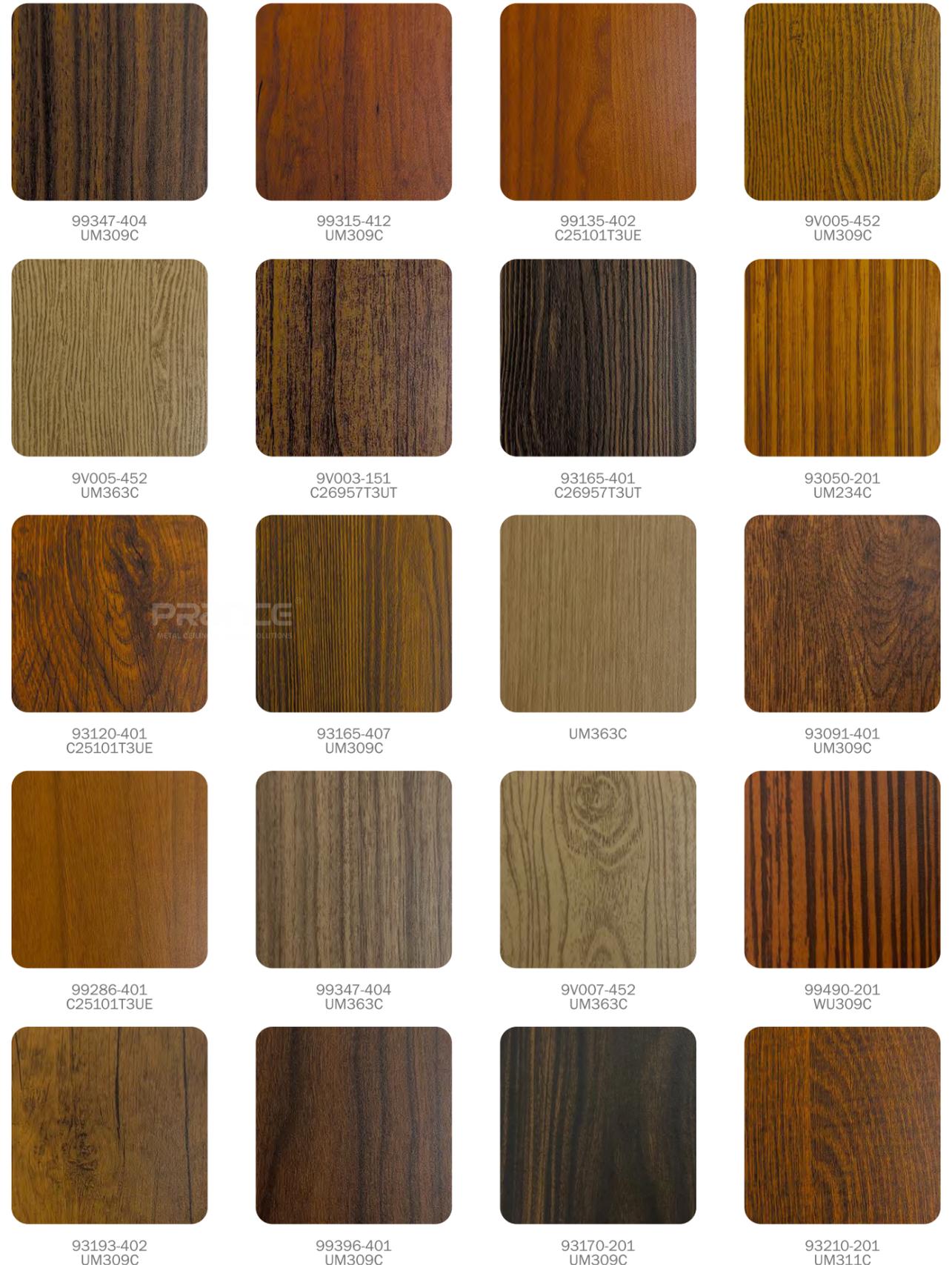
Our business partner Sublitex and its factory in Italy



Sublitex is an Italian brand that specializes in the production of high-quality wood-grain transfer papers. Established in 1976, the company has over 46 years of experience in the industry and has established a reputation for delivering reliable, high-quality wood-grain paper products to customers around the world.



## Color Chart List



Color Chart List



93298-201  
UE308C



99052-427  
UM363C



93074-102  
C26957T3UT



9V008-452  
C26957 T3UT



93021-401  
C26957T3UT



93025-401  
C26957T3UT



99052-427  
C25101T3UE



99026-414  
UM311C



93197-401  
UM309C



93197-401  
UM217C



93072-401  
ME100C



99443-407  
UM234C



99090-401  
UM363C



99090-401  
UM309C



99090-412  
C25102T3UT



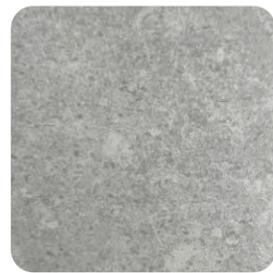
93244-401  
C25102T3UT



93020-201 UM309C



93143-402 UM234C



93201-401 UD301C



93195-401 UD301C

4D WOOD-GRAIN SURFACE FINISH

4D wood-grain surface finish is a type of surface finish that replicates the natural wood grain and texture with a 3D effect, adding a fourth dimension of depth to the wood-like appearance. It is achieved through a specialized printing process that uses high-resolution images of real wood grain to create a realistic and durable wood-like finish on metal panels.



P-165



P-168



P-166



P-169



P-167



P-170



P-171

## STONE-GRAIN SURFACE FINISH

Stone-grain surface finish is a type of surface treatment that gives metal panels the appearance of natural stone, such as marble or granite. Durable and realistic-looking stone finish is often used in exterior and interior design applications for commercial projects.



Stone Pattern



PST-001

PST-002

PST-003



PST-004

PST-005

PST-006

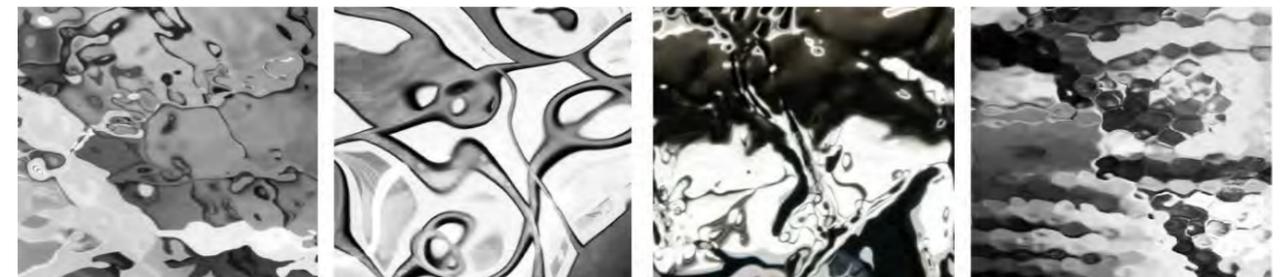
## GLASS-LOOK SURFACE FINISH

Glass look surface finish is designed to replicate the appearance of glass on metal panels. The finish is achieved by using a special coating or lamination process that creates a high-gloss, transparent finish on the surface of the metal. This finish is often used in architectural and commercial projects.

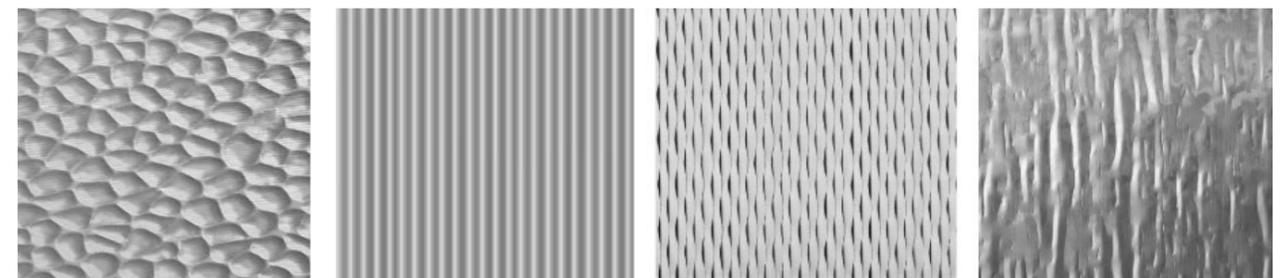
Advantage of glass look surface finish is its durability. Unlike actual glass, which is prone to cracking and shattering, metal panels with a glass look finish are much more resistant to impact and wear. They are also easier to maintain, as they are less prone to scratching and damage from cleaning and other routine maintenance activities.



Water ripple surface



Double sided embossing



Single sided embossing



## PRINTING SURFACE FINISH

Printing surface finish on metal panel refers to a process of applying a printed design onto the surface of a metal panel. The process is that the selected pattern or image is printed onto the base coating using specialized equipment and inks.

Printing surface finish is a popular choice for metal panels as it allows for a wide range of designs and patterns to be applied to the surface, including high-resolution images and text.



## Production Procedure



## Reference

