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# Automatic production

World-class production technical equipment, reflect the technological level of production.



Numerical Control Turret Punch Press



**Panel Material Process:**  
 Panel cutting, Blanking→Lineation score→Angle Punching (Perforation punching, Grooving)→Panel Shaping(Bending, Arc-rolling) →Welding→Polishing→Assembly →Burnishing→Quality Checking→Spraying

**Spraying Process:**  
 Skim→Alkali corrosion→Blare elimination (by acid)  
 →Chromiumizing→Drying→Hanging panel→Spraying→Solidifying  
 →Panel Removing→Quality Testing (Packing)



CNC bending machine



CNC bending machine



Arc-rolling machine



Testing



Parts removing

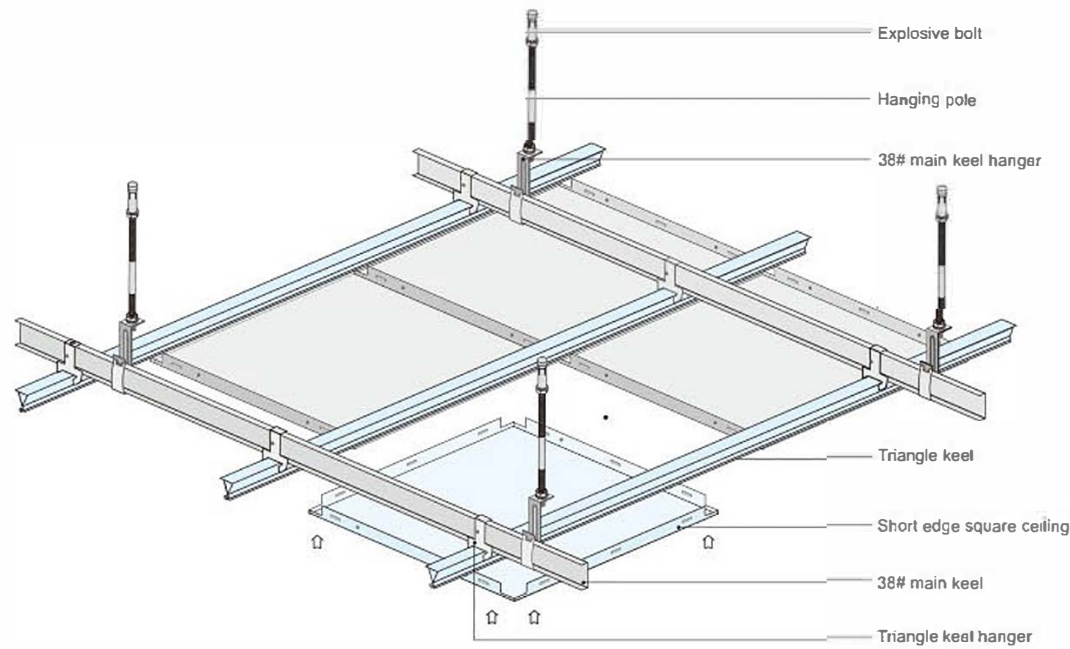
# Clip-in Ceiling System-FA300,400,500,600,1200

## Introduction

clip-in ceiling system mounts directly onto a concealed standard suspended system to form a monolithic ceiling appearance. The high quality engineered panels are flat and dimensionally stable. Standard nominal size is 300x300, 300x600, 300x1200, 400x400, 500x500, 600x600, 600x1200 etc, special size are available on request. Lighting, HVAC equipment, air diffusers and other mechanical services can be interfaced in above or below the ceiling system. For improve acoustical performance a sound absorbing acoustic tissue or mineral wool can be applied on the back of perforated panels. The perforation can have a variety of shapes and sizes depending on requirements, A wide range of painted and reflective finish, custom finishes are also available.

## Equipment system

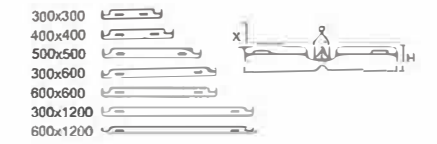
Panels are square or rectangular with beveled edges and vertical sides, fixed to an adjustable suspension system. The panel ends to be raised and executed with dimple points to ensure positive engagement into the clip-in profiles. The suspension system comprises of 38 main keel, triangle keel, connection bracket, hanging pole and explosive bolt, all galvanized.


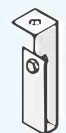
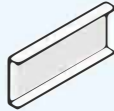




Installation Drawing

## System specification

Item	Width(mm)	Height(mm)	Thickness(mm)
FA300	300x300	20	0.5-1.0
FA300	300x600	20	0.5-1.0
FA300	300x1200	20	0.75-1.0
FA400	400x400	20	0.6-1.0
FA500	500x500	20	0.65-1.0
FA600	600x600	20	0.5-1.2
FA600	600x1200	20	0.8-1.2



 <p><b>Triangle keel</b> Surface treatment: Galvanized Width: 8mm Length: 3000mm Standard thickness: 0.36mm</p>	 <p><b>38# Main keel hanger</b> Surface treatment: Galvanized Height: 95/105mm Standard thickness: 1.0mm</p>	 <p><b>38# Main keel</b> Surface treatment: Galvanized Height: 38/50mm Length: 3000mm Standard thickness: 0.8mm</p>	 <p><b>Triangle keel hanger</b> Surface treatment: Galvanized Height: 50mm Stand thickness: 0.8mm</p>
 <p><b>Hanging pole</b> Surface treatment: Galvanized Standard thickness: 5/8mm</p>	 <p><b>Triangle keel connector</b> Surface treatment: Galvanized Length: 60mm Standard thickness: 0.6mm</p>	 <p><b>L-shaped Wall angle</b> Surface treatment: Powder coating Specifications: 25mmx25mm Length: 1300mm Standard thickness: 0.6mm</p>	

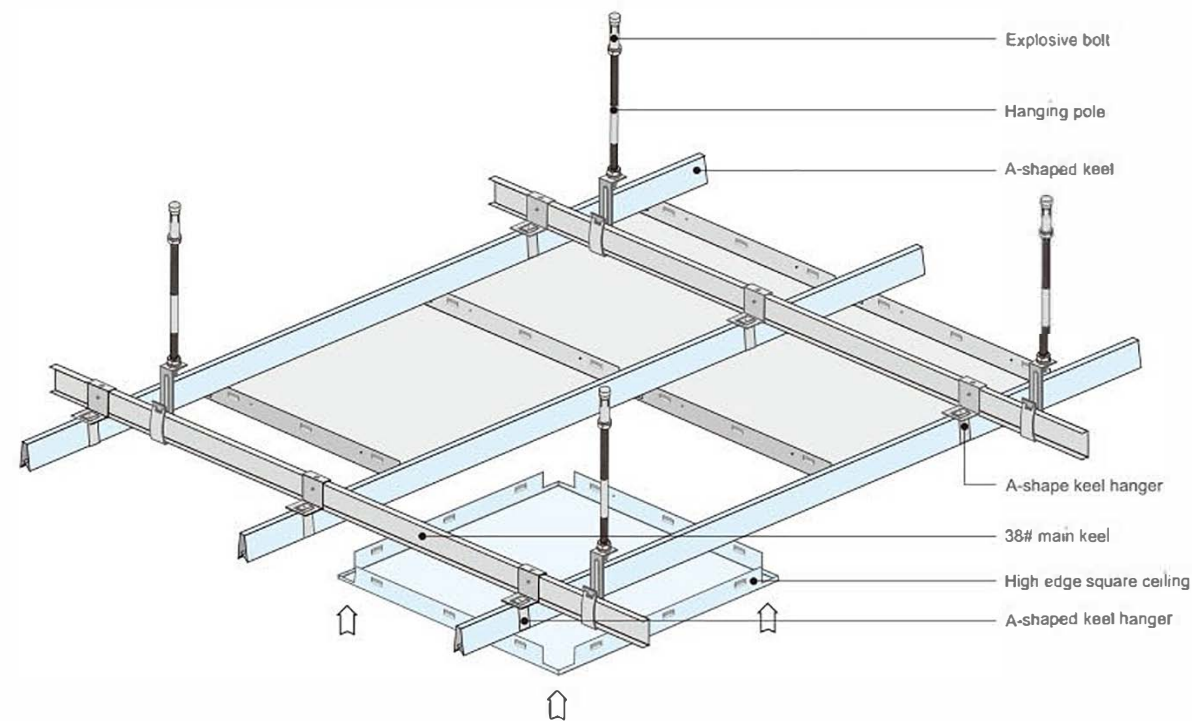
## Clip-in Ceiling System-FB300,400,500,600, 1200

### Introduction

ACEBOND clip-in ceiling system mounts directly onto a Acebond standard concealed suspending system to form a monolithic ceiling appearance. The high quality engineered panels are flat and dimensionally stable. Standard nominal size is 300x300, 300x600, 300x1200, 400x400, 500x500, 600x600, 600x1200 etc. special size are available on request. Lighting, HVAC equipment, air diffusers and other mechanical services can be interfaced in above or below the ceiling system. For improve acoustical performance a sound absorbing acoustic tissue or mineral wool can be applied on the back of perforated panels. The perforation can have a variety of shapes and sizes depending on requirements. A wide range of painted and reflective finish, custom finishes are also available.

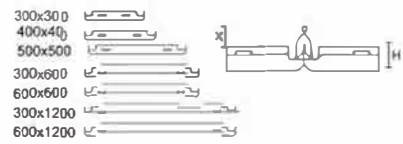
### Equipment system

Panels are square or rectangular with beveled edges and vertical sides, fixed to an adjustable suspension system. The panel ends to be raised and executed with dimple points to ensure positive engagement into the clip-in profiles. The suspension system comprises of 38 main keel, A-shaped Keel, connection bracket, hanging pole and explosive bolt, all galvanized.



Installation Drawing

### System specification

Item	Width(mm)	Height(mm)	Thickness(mm)	
FB300	300x300	25&28	0.5-1.0	
FB300	300x600	25&28	0.5-1.0	
FB300	300x1200	25&28	0.75-1.0	
FB400	400x400	25&28	0.75-1.0	
FB500	500x500	25&28	0.75-1.0	
FB600	600x600	25&28	0.5-1.2	
FB600	600x1200	25&28	0.8-1.2	



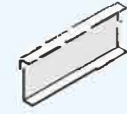
**A-shaped keel**  
Processing of surface: Zincification  
Height: 40mm  
Length: 3000mm  
Standard thickness: 0.5mm



**A-shaped keel connector**  
Processing of surface: Zincification  
Height: 40mm  
Length: 62mm  
Standard thickness: 1.0mm



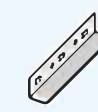
**38# Main keel hanger**  
Processing of surface: Zincification  
Height: 95/105mm  
Standard thickness: 1.0mm



**38# Main keel**  
Processing of surface: Zincification  
Height: 38/50mm  
Length: 3000mm  
Standard thickness: 0.8mm



**A-shaped keel hanger**  
Processing of surface: Zincification  
Height: 42mm  
Standard thickness: 1.0mm



**L-shaped Wall angle**  
Processing of surface: powder coating  
Specification: 25mmx25mm  
Length: 3000mm  
Standard thickness: 0.8mm



**Hanging pole**  
Processing of surface: Zincification  
Standard thickness: 0.8mm

# Lay-in Ceiling System-FC300, 600

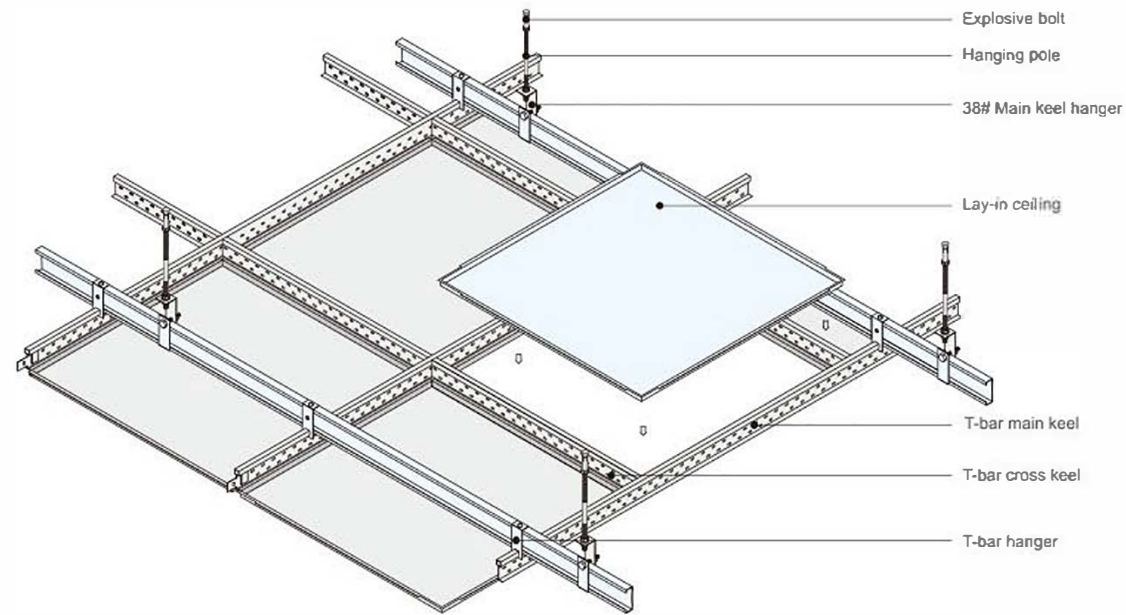
## Introduction

Lay-in ceiling System is an easy demountable tile, flush or tegular effect system which is particularly suitable for commercial, retail and display area, where the simplest form of access into the ceiling void is required. System composed of square or rectangle panels and exposed grid system giving distinct edges and lines and a ceiling that looks regular, graceful, elegant and luxurious. Standard nominal size is 575mm or 584mm, suit for 15mm and 24mm T-bar, special size are available on request. Lighting, HVAC equipment, air diffusers and other mechanical services can be interfaced in above of below the ceiling system. For improve acoustical performance a sound absorbing acoustic tissue or mineral wool can be applied on the back of perforated panels. The perforation can have a variety of shapes and sizes depending on requirements. A

wide range of painted and reflective finish, custom finishes are also available

## Equipment system

Panels are square or rectangular with rebated edges simply laid onto the flanges of the exposed grid system and will remain there under their own weight. The suspension system comprises of 38#/50# main keel, T-bar system, T-bar hanger, T-bar hanger all galvanized.



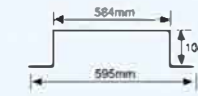
Installation Drawing

## System specification

1. Right angle, high side, wide edge



2. Right angle, high side, narrow edge



3. Right angle, short side, wide edge



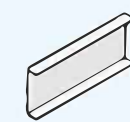
4. Right angle, short side, narrow edge



**T-bar main keel**  
 Processing of surface: Zincification  
 Specifications: A: 24x26x1050mm  
 C: 24x26x3050mm  
 D: 24x26x3050mm  
 Standard thickness: 0.25mm



**T-shaped cross tee**  
 Processing of surface: Zincification  
 Specifications: A: 24x25x610/1220mm  
 C: 24x21x610mm  
 D: 24x21x610mm  
 Standard thickness: 0.25mm



**38# Main keel**  
 Processing of surface: Zincification  
 Height: 3850mm  
 Length: 3300mm  
 Standard thickness: 0.8mm



**38# Main keel hanger**  
 Processing of surface: Zincification  
 Height: 95/105mm  
 Standard thickness: 1.0mm



**T-bar hanger**  
 Processing of surface: Zincification  
 Height: 100mm  
 Standard thickness: 0.6mm



**hanging pole**  
 Processing of surface: Zincification  
 Standard thickness: 6.0mm



**L-shaped Wall angle**  
 Processing of surface: Powder coating  
 Specifications: 25mmx25mm  
 Length: 3000mm  
 Standard thickness: 0.6mm

## Lay-on Ceiling System-FD300, 600

### Introduction

Lay-on ceiling System is an easy demountable tile, flush or tegular effect system which is particularly suitable for commercial, retail and display area, where the simplest form of access into the ceiling void is required. System composed of square or rectangle panels and exposed grid system giving distinct edges and lines and a ceiling that looks regular, graceful, elegant and luxurious. Standard nominal size is 295mm or 595mm, suit for 24mm T bar, special size are available on request. Lighting, HVAC equipment, air diffusers and other mechanical services can be interfaced in above or below the ceiling system. For improve acoustical performance a sound absorbing acoustic tissue or mineral wool can be applied on the back of perforated panels. The perforation can have a variety of shapes and sizes depending on requirements. A wide range of painted and reflective finish, custom finishes are also available.

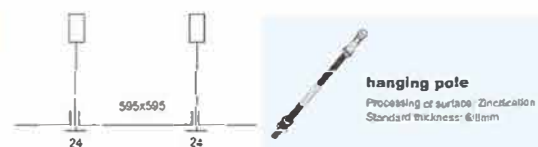
### Equipment system

Panels are square or rectangular with rebated edges simply laid onto the flanges of the exposed grid system and will remain there under their own weight. The suspension system comprises of 38#50# main keel, T-bar system, T-bar connection bracket, T-bar hanger all galvanized.



### System specification

Item	Width(mm)	Height(mm)	Thickness(mm)
Type	595x595	8.8	0.65-0.95
	295x295	8.8	0.65-0.75



**hanging pole**  
Processing of surface: Zincitation  
Standard thickness: 6.0mm



**T-bar main keel**  
Processing of surface: Zincification  
Specifications: A/B 24x22x30/50mm  
C: 24x22x30/50mm  
D: 24x22x30/50mm  
Standard thickness: 0.25mm



**38# Main keel hanger**  
Processing of surface: Zincification  
Height: 95/105mm  
Standard thickness: 1.0mm

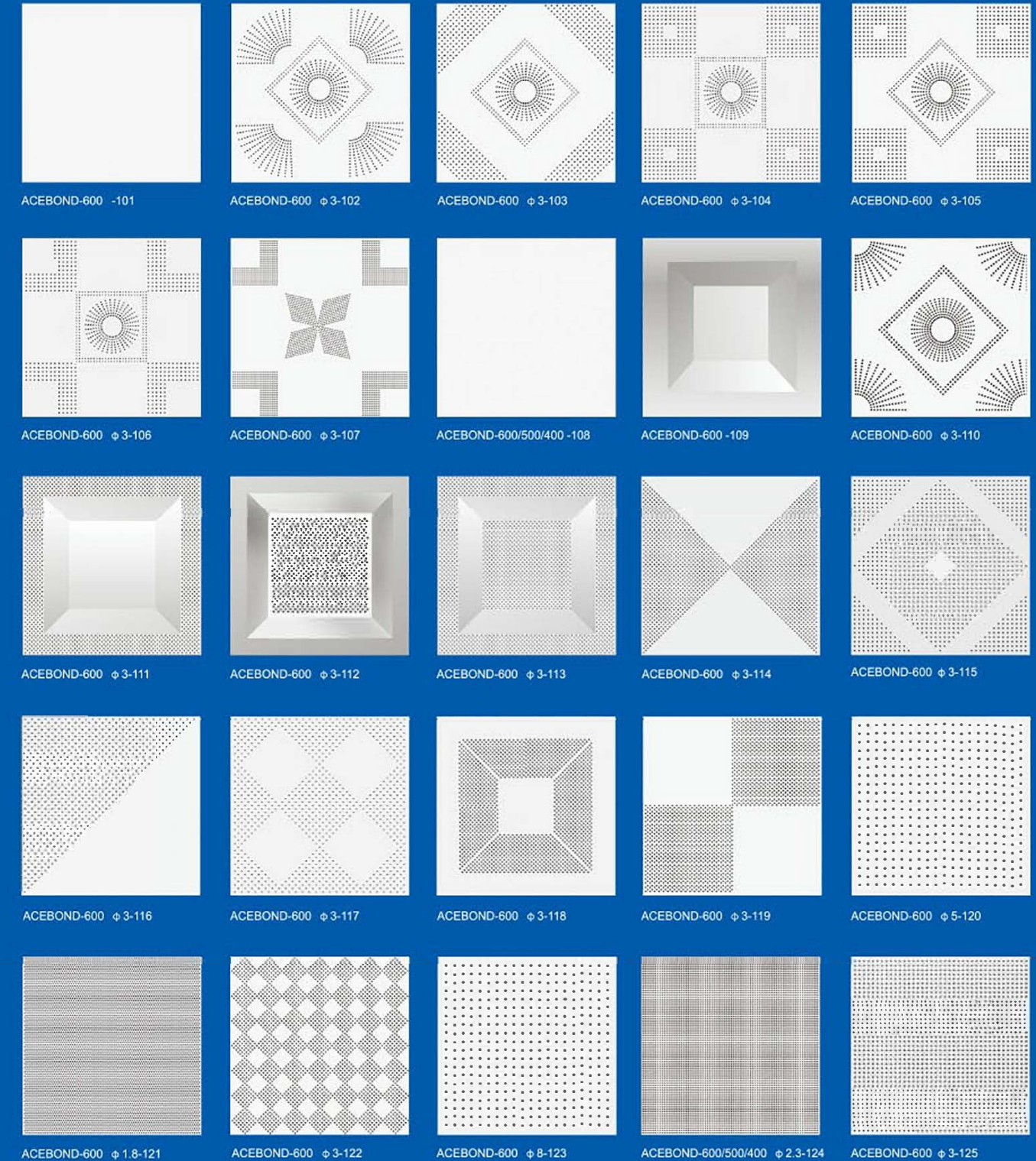


**L-shaped Wall angle**  
Processing of surface: Powder coating  
Specifications: 25mmx25mm  
Length: 3000mm  
Standard thickness: 0.6mm



**38# Main keel**  
Processing of surface: Zincification  
Height: 38/50mm  
Length: 3000mm  
Standard thickness: 0.8mm

## Perforated Ceiling Series



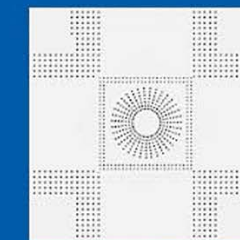
ACEBOND-600 -101

ACEBOND-600 φ 3-102

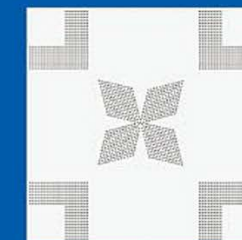
ACEBOND-600 φ 3-103

ACEBOND-600 φ 3-104

ACEBOND-600 φ 3-105



ACEBOND-600 φ 3-106



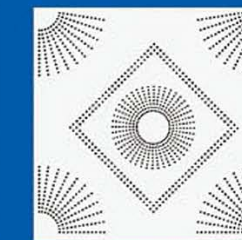
ACEBOND-600 φ 3-107



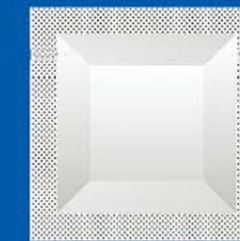
ACEBOND-600/500/400 -108



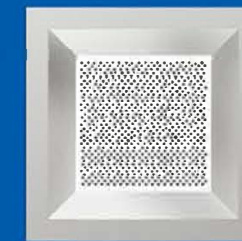
ACEBOND-600 -109



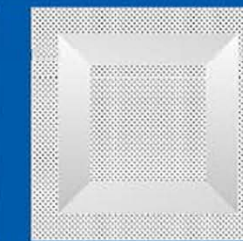
ACEBOND-600 φ 3-110



ACEBOND-600 φ 3-111



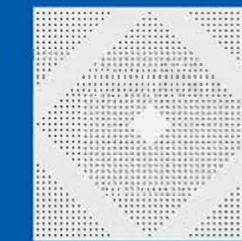
ACEBOND-600 φ 3-112



ACEBOND-600 φ 3-113



ACEBOND-600 φ 3-114



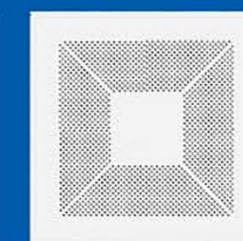
ACEBOND-600 φ 3-115



ACEBOND-600 φ 3-116



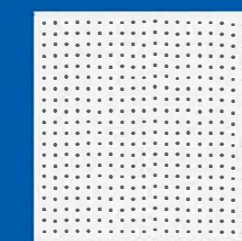
ACEBOND-600 φ 3-117



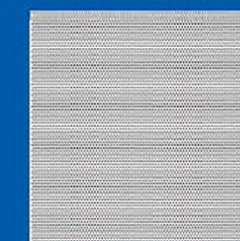
ACEBOND-600 φ 3-118



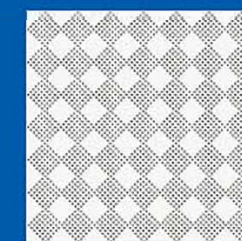
ACEBOND-600 φ 3-119



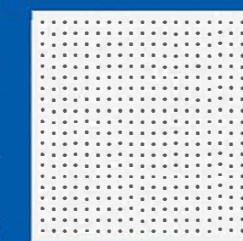
ACEBOND-600 φ 5-120



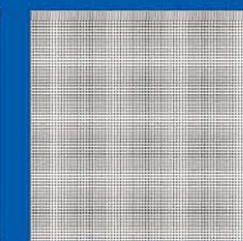
ACEBOND-600 φ 1.8-121



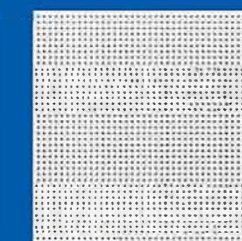
ACEBOND-600 φ 3-122



ACEBOND-600 φ 8-123

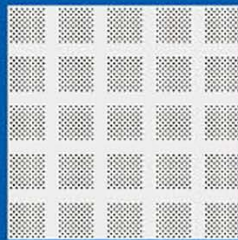


ACEBOND-600/500/400 φ 2.3-124

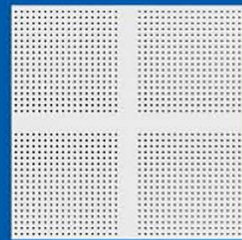


ACEBOND-600 φ 3-125

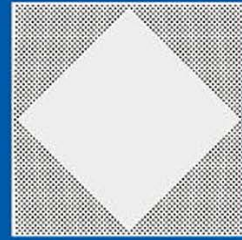
## Perforated Ceiling Series



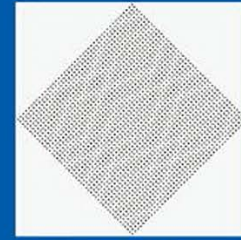
ACEBOND-600 φ 3-126



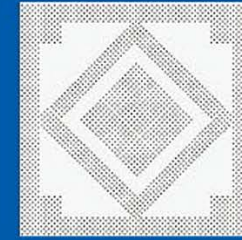
ACEBOND-600 φ 3-127



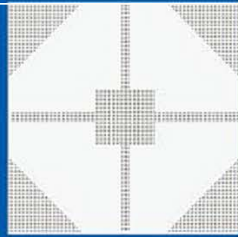
ACEBOND-600 φ 3-128



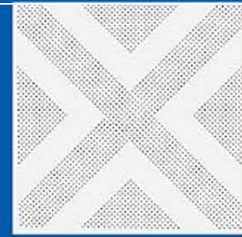
ACEBOND-600 φ 3-129



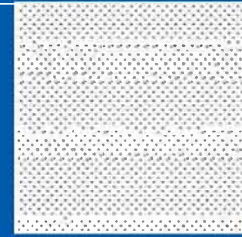
ACEBOND-600 φ 3-130



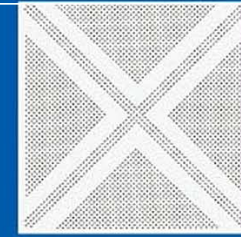
ACEBOND-600 φ 3-131



ACEBOND-600 φ 3-132



ACEBOND-600 φ 3-133



ACEBOND-600 φ 3-134



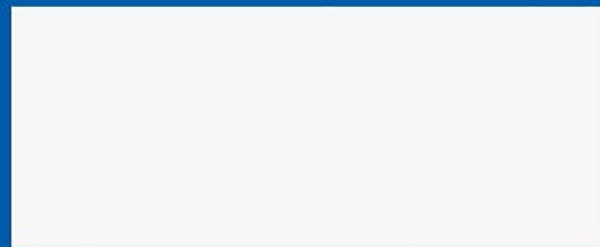
ACEBOND-135 (300x600)



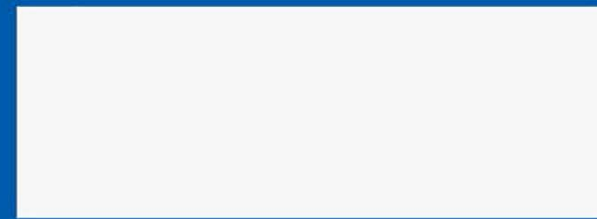
ACEBOND-136 (300x600) φ 1.8



ACEBOND-137 (300x1200) φ 1.8



ACEBOND-138 (600x1200)



ACEBOND-139 (500x1200)

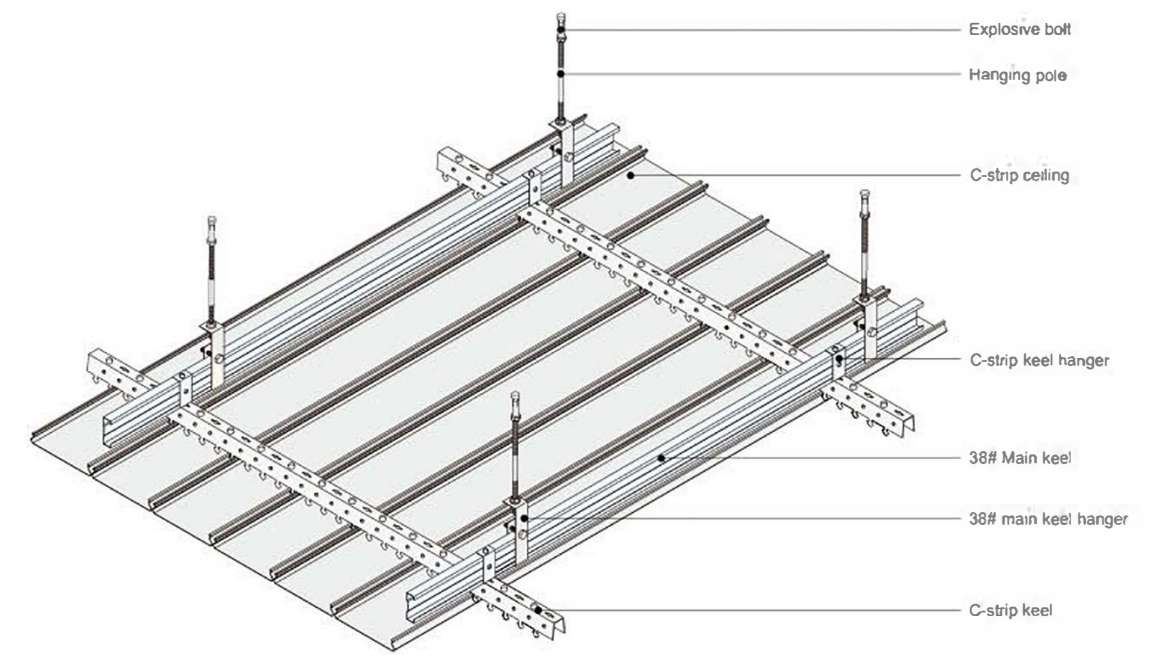
## C-Strip Linear Ceiling System-C100, 150, 200, 300

### Introduction

The design of our C-strip linear ceiling is unique as it has an 45° bevelled edge. The hypotenuse seam between the panels can help give a harmonious aesthetic feeling, and in addition reduce the accumulation of dirt and dust. It is the best selection for areas where cleanliness is of high importance, areas such as hospitals and laboratories. Panel width is 100,150,and 300mm. The design is such that the loss of conditioned air is minimized. Each slice of panel can be dismantled independently for easy repair if damaged. The baked-enamel paint is highly resistant to the effects of scorching and moisture and does not bend or corrode easily. Lighting HVAC equipment, air diffusers and other mechanical services can be interfaced in above or below the ceiling system. For improve acoustical performance a sound absorbing acoustic tissue or mineral wool can be applied on the back of perforated panels. The perforation can have a variety of shapes and sizes depending on requirements. A wide range of painted and reflective finish, custom finishes are also available.

### Equipment system

C-strip linear ceiling is composed of the aluminium ceiling panel of thickness 0.5-0.6mm with baked-enamel paint. The suspension system comprises C-strip keel, 38 main keel, 38 main keel hanger, hanging pole, all galvanized.





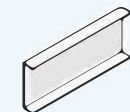



Installation Drawing

## C-Strip Linear Ceiling System-C100, 150, 200, 300

### System specification

Item	Width(mm)	Height(mm)	Thickness(mm)	Standard length(mm)
C100	100	18	0.6-0.85	≤6000
C150	150	18	0.6-0.85	≤6000
C200	200	18	0.6-0.85	≤6000
C300	300	18	0.75-1.0	≤6000

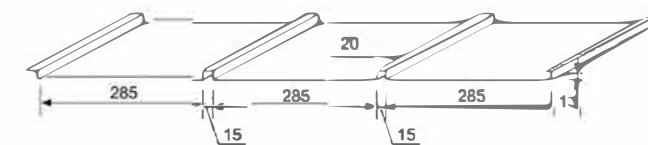
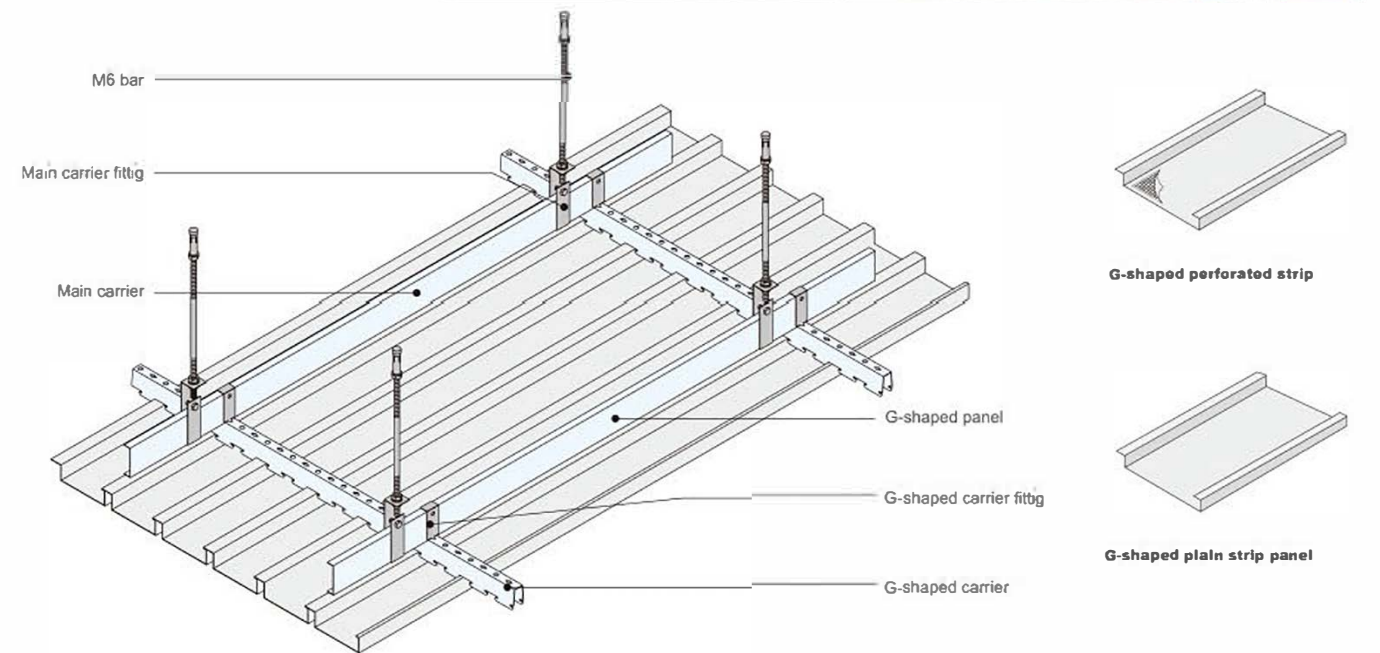



 <p><b>C-strip keel</b> Processing of surface: Zinc plating Height: 20mm Length: 3000mm Standard thickness: 0.48mm</p>	 <p><b>38# Main hanger</b> Processing of surface: Zinc plating Height: 80/105mm Standard thickness: 1.0mm</p>	 <p><b>38# Main keel</b> Processing of surface: Zinc plating Height: 38/50mm Length: 3000mm Standard thickness: 0.8mm</p>
 <p><b>Strip keel hanger</b> Processing of surface: Zinc plating Height: 100mm Standard thickness: 0.6mm</p>	 <p><b>L-shaped Wall angle</b> Processing of surface: powder coating Specifications: 25mmx25mm Length: 3000mm Standard thickness: 0.8mm</p>	 <p><b>Flanging pole</b> Processing of surface: Zinc plating Standard thickness: 0.8mm</p>

## G-Strip Linear Ceiling System-G100, 200, 300

### Introduction

G-shaped open strip ceiling used article or punching plate formed by electrostatic powder coating with fire prevention, moisture-proof, sound-absorbing function, board face and the overall lines and continuity of strong, giving the feel of a carefree and comfortable. Widely used in airports, halls, corridors stations and so on.

**L-shaped Wall angle**  
Processing of surface: powder coating  
Specifications: 25mmx25mm  
Length: 3000mm  
Standard thickness: 0.6mm

 <p><b>G-shaped strip carrier</b> Processing of surface: Zinc plating Height: 28mm Standard thickness: 0.8mm</p>	 <p><b>Strip carrier</b> Processing of surface: Zinc plating Height: 28mm Standard thickness: 0.55mm</p>	 <p><b>Main carrier connector</b> Processing of surface: Zinc plating Height: 41/50mm, Length: 125mm Slot thickness: 1.0mm</p>	 <p><b>H-shaped strip carrier fitting</b> Processing of surface: Zinc plating Height: 180mm Standard thickness: 1.0mm</p>
 <p><b>Strip carrier fitting</b> Processing of surface: Zinc plating Height: 100mm Standard thickness: 1.0mm</p>	 <p><b>Main carrier</b> Processing of surface: Zinc plating Height: 38/50mm Length: 3000mm Standard thickness: 0.8mm</p>	 <p><b>Main carrier hanger</b> Processing of surface: Zinc plating Height: 80/105mm Slot thickness: 1.0mm</p>	 <p><b>Suspension bar</b> Processing of surface: Zinc plating Standard thickness: 0.8mm</p>

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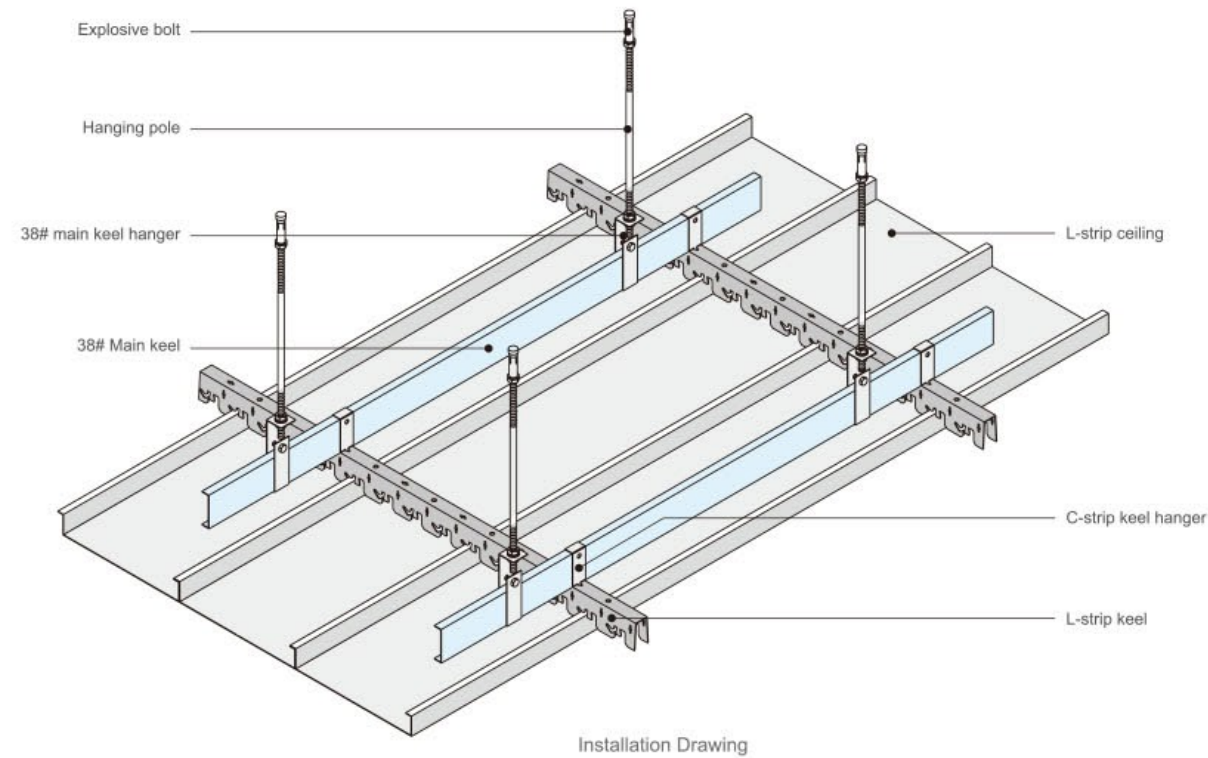
## L-Strip Linear Ceiling System-L200,300

### Introduction

ACEBOND L-strip linear ceiling offers versatility, installation ease and efficiency when creating ceiling areas that functionally superior as well as visually dynamic. There are two sizes available in the L-strip Ceiling system (L type) : 200mm(Type-L200),300mm(Type-L300). It's ideal for long and narrow spaces where the ceiling may be required to completely cover complicated equipment giving the outward appearance of a smooth ceiling. Where necessary the baked-enamel paint can resist strong sunlight and moisture. The installation of this kind of aluminium ceiling also avoids outflow of interior conditioned air. Lighting HVAC equipment, air diffusers and other mechanical services can be interfaced in above or below the ceiling system. For improve acoustical performance a sound absorbing acoustic tissue or mineral wool can be applied on the back of perforated panels. The perforation can have a variety of shapes and sizes depending on requirements. A wide range of painted and reflective finish, custom finishes are also available.

### Equipment system

L-strip linear ceiling system is composed of the aluminium ceiling panel of thickness 0.5-0.7mm with baked-enamel paint. The suspension system comprises L shape hanger bracket, Explosive bolt, hanging pole, all galvanized.



### System specification

Item	Width(mm)	Height(mm)	Thickness(mm)	Standard length(mm)
L200	200	20	0.65-0.85	≤6000
L300	300	29	0.65-0.85	≤6000



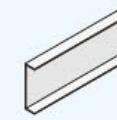
L-strip keel



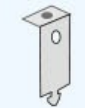
**L-Strip keel**  
Processing of surface: Zincification  
Height: 50mm  
Length: 3000mm  
Standard thickness: 0.55/0.7mm



**38# Main hanger**  
Processing of surface: Zincification  
Height: 95/105mm  
Standard thickness: 1.0mm



**38# Main keel**  
Processing of surface: Zincification  
Height: 38/50mm  
Length: 3000mm  
Standard thickness: 0.8mm



**Strip keel hanger**  
Processing of surface: Zincification  
Height: 100mm  
Standard thickness: 0.8mm



**L-Shaped Wall angle**  
Processing of surface: Powder coating  
Specifications: 25mmx25mm  
Length: 3000mm  
Standard thickness: 0.8mm



**Hanging pole**  
Processing of surface: Zincification  
Standard thickness: 6/8mm

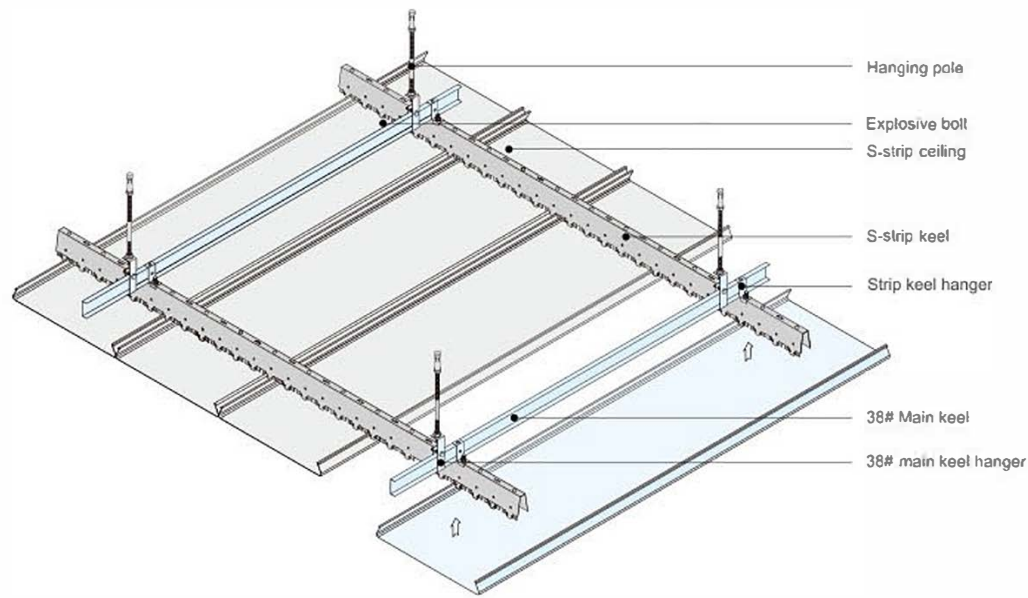
# S-Strip Linear Ceiling System-S300

## Introduction

The design of our S-strip linear ceiling is unique as it has an 45° bevelled edge. The hypotenuse seam between the panels can help give a harmonious aesthetic feeling, and in addition reduce the accumulation of dirt and dust. It is the best selection for areas where hygiene is high importance such as kitchens, food preparation area, hospitals and laboratories. panel width is 300mm, The design is such that the loss of conditioned air is minimized. Each slice of panel can be dismantled independently by using the standard demounting tool for easy repair if damaged. The baked-enamel paint is highly resistant to the effects of scorching and moisture and does not bend or corrode easily. Lighting HVAC equipment, air diffusers and other mechanical services can be interfaced in above or below the ceiling system. For improve acoustical performance a sound absorbing acoustic tissue or mineral wool can be applied on the back of perforated panels. The perforation can have a variety of shapes and sizes depending on requirements A wide range of painted and reflective finish, custom finishes are also available. This a kind of new generation building ceiling with its environmental protection and health has been welcomed by many people.

## Equipment system

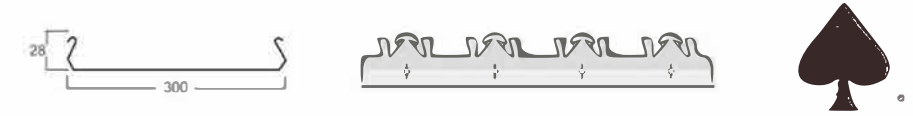
S-strip linear ceiling system is composed of the aluminium ceiling panel of thickness 0.6-0.85mm with baked-enamel paint. The suspension system comprises S-strip keel, main keel, hanging pole, etc.



Installation Drawing

## System specification

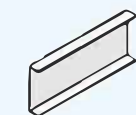
Item	Width(mm)	Height(mm)	Thickness(mm)	Standard length(mm)
S300	300	28	0.75-1.0	≤ 6000



**S-strip keel**  
Processing of surface: Zincflotation  
Height: 28mm  
Standard thickness: 0.7mm



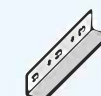
**38# Main hanger**  
Processing of surface: Zincflotation  
Height: 95/105mm  
Standard thickness: 1.0mm



**38# Main keel**  
Processing of surface: Zincflotation  
Height: 38/50mm  
Length: 3000mm  
Standard thickness: 0.8mm



**Strip keel hanger**  
Processing of surface: Zincflotation  
Height: 100mm  
Standard thickness: 0.6mm



**L-shaped Wall angle**  
Processing of surface: Powder coating  
Spacelocations: 25mmx25mm  
Length: 3000mm  
Standard thickness: 0.5mm



**Hanging pole**  
Processing of surface: Zincflotation  
Standard thickness: 6/8mm

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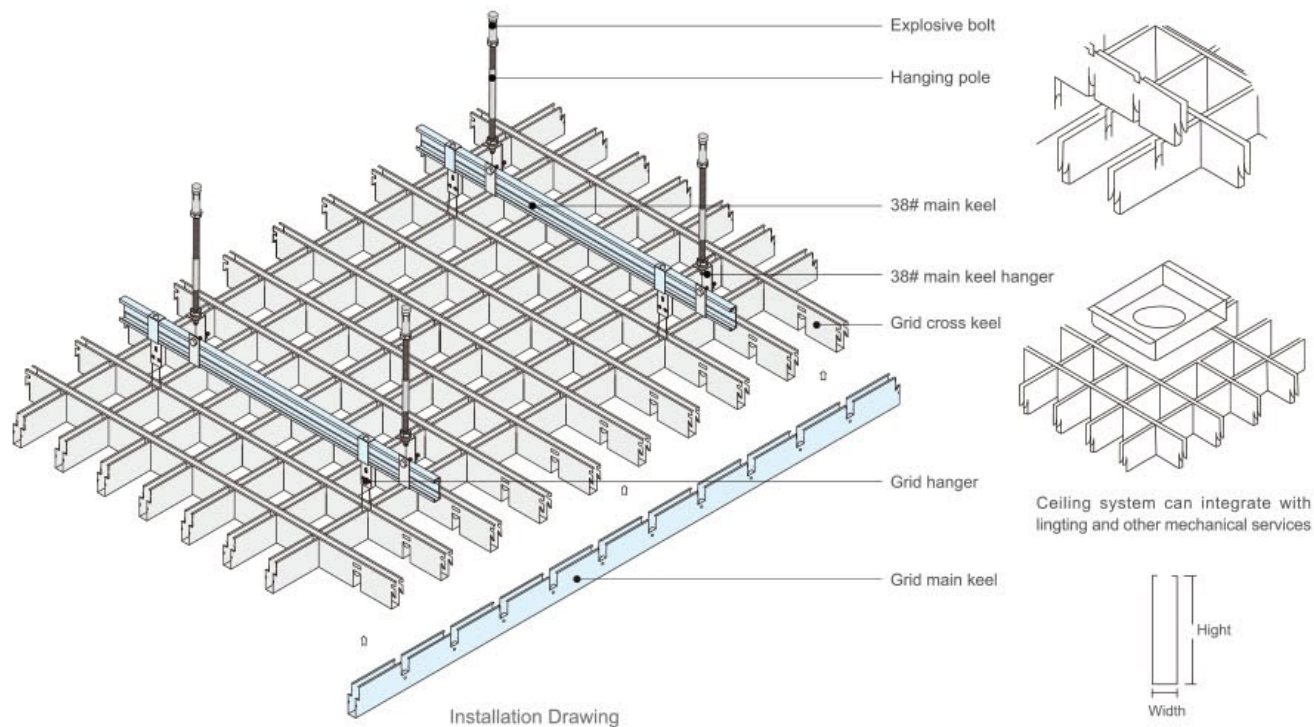
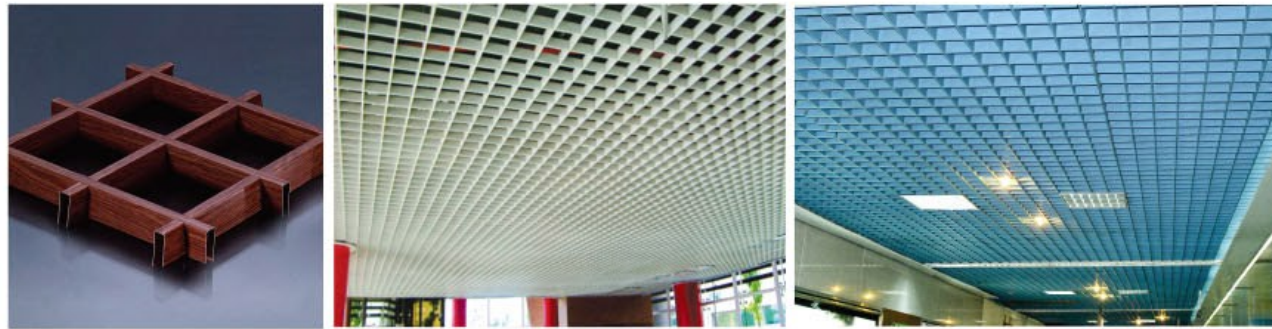
## Open Cell Ceiling System-G50-200

### Introduction

ACEBOND open cell ceiling system is one of the open types ceiling series. The open cell ceiling system is made of excellent quality aluminium alloy, sprinklers, fire or smoke warning, air conditioning and other services can be installed above the ceiling, void depth permitting. Decorative luminaries can be installed within single or multiple adjacent cells depending on luminaries and cell size being used. Ideal for public area such as shopping malls, airport, bus-stations and so on, standard nominal size are 50x50mm, 75x75mm, 100x100mm, 150x150mm, 200x200mm, and 300x300mm. Other sizes are available if required.

### Equipment system

Open cell ceiling system is composed of main and cross 0.5mm aluminium grid ceiling unit and hanging bracket to form a suspending system. Also included is hanging pole, explosive bolt, all galvanized.



### System specification

Item	Width(mm)	Height(mm)	Thickness(mm)	Standard length(mm)
G50	10/15	40/43/45/50/60/80	0.4-0.8	2m
G75	10/15	40/43/45/50/60/80	0.4-0.8	1.95m
G100	10/15	40/43/45/50/60/80	0.4-0.8	2m
G150	10/15	40/43/45/50/60/80	0.4-0.8	1.95m
G200	10/15	40/43/45/50/60/80	0.4-0.8	2m
G300	10/15	40/43/45/50/60/80	0.4-0.8	1.8m



# ACEBOND

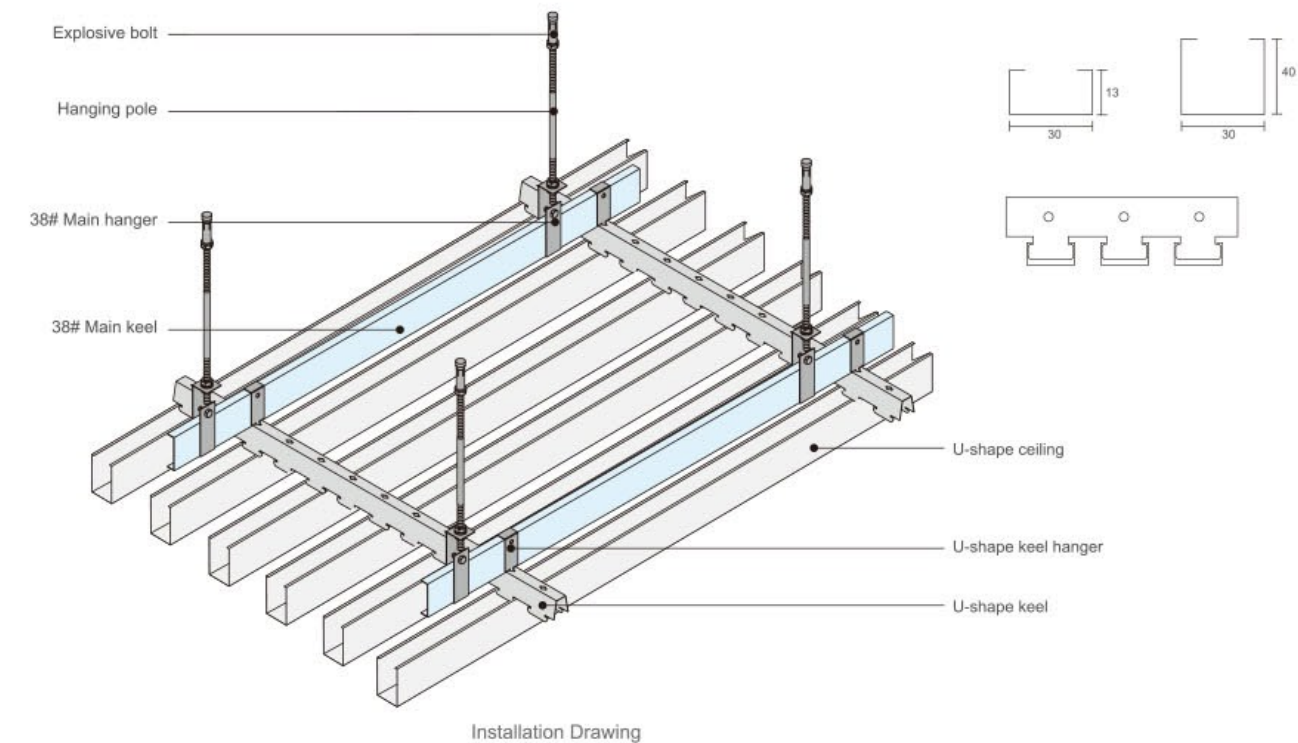
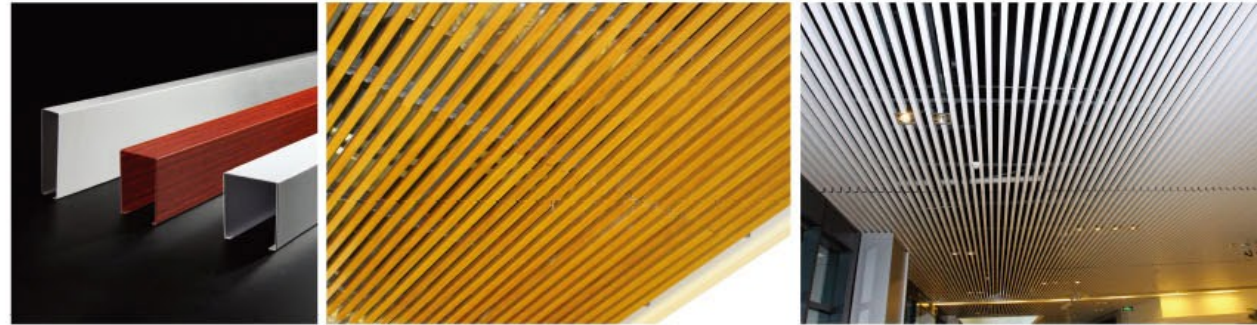
## U-shape Baffle Ceiling System-U25,30, etc

### Introduction

The U-shape baffle ceiling can be used for exhibition centre and reception room halls. The lines of the ceilings are elegant and unique and, again, very popular with architects and interior designers. The standard width of aluminium panel is 25 or 30mm with heights of 20-200mm. The system is easy to install and dismantle. Subsequent maintenance is very convenient. Lighting HVAC equipment, air diffusers and other mechanical services can be interfaced in above or below the ceiling system. For improve acoustical performance a sound absorbing acoustic tissue or mineral wool can be applied on the back of perforated panels. The perforation can have a variety of shapes and sizes depending on requirements. A wide range of painted and reflective finish, custom finishes are also available.

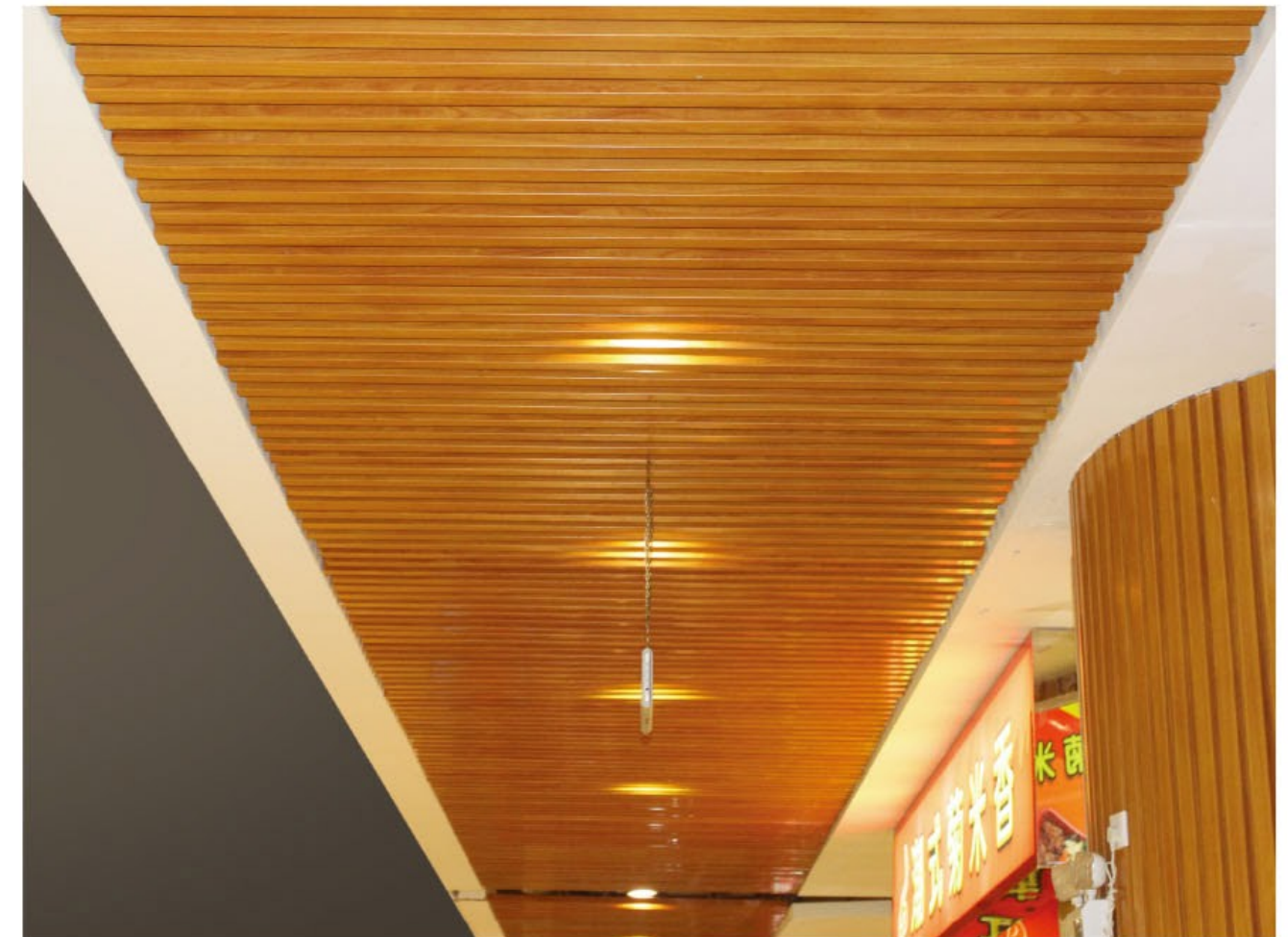
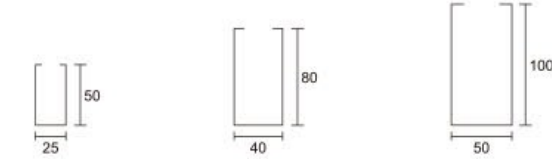
### Equipment system

U-shape baffle ceiling system is composed of the aluminium ceiling panel of thickness 0.5-1.0mm baked-enamel paint. The suspension system comprises U-shape keel, hanging pole, explosive bolt, all galvanized.



### System specification

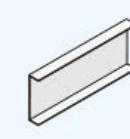
Item	Width(mm)	Height(mm)	Thickness(mm)	Standard length(mm)
U25	25	20-200	0.65-1.15	≤5000
U30	30	20-200	0.65-1.15	≤5000
U50	50	20-200	0.65-1.15	≤5000



**U-shape keel**  
Processing of surface: Zincification  
Height: 28mm  
Length: 3000mm  
Standard thickness: 0.5mm



**38# Main hanger**  
Processing of surface: Zincification  
Height: 95/105mm  
Standard thickness: 1.0mm



**38# Main keel**  
Processing of surface: Zincification  
Height: 38/50mm  
Length: 3000mm  
Standard thickness: 0.8mm



**C-strip keel hanger**  
Processing of surface: Zincification  
Height: 100mm  
Standard thickness: 0.6mm



**Hanging pole**  
Processing of surface: Zincification  
Standard thickness: 6/8mm

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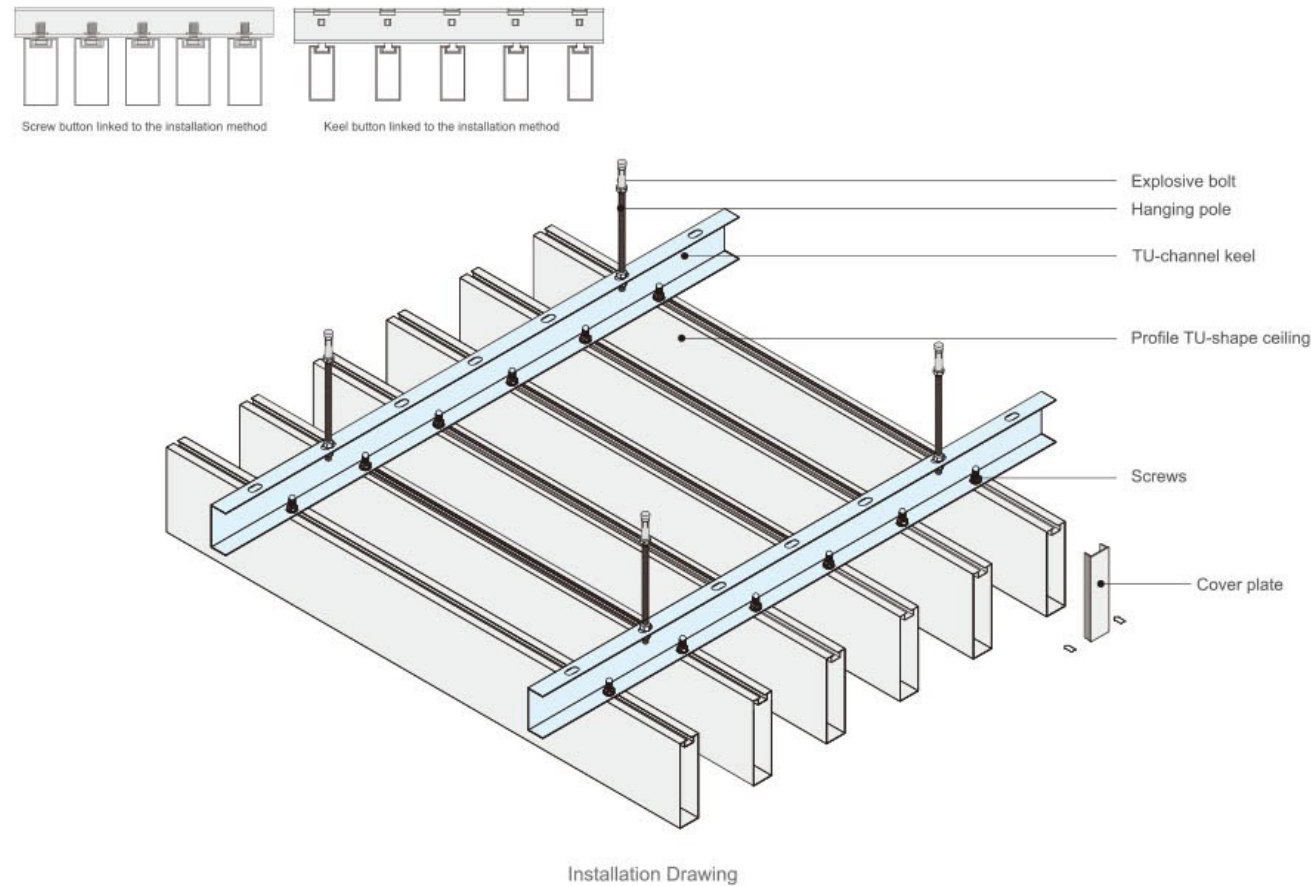
## Extrusion Baffle Ceiling System-25, 30, 50 etc

### Introduction

Extrusion Baffle Ceiling System 1000 is an open type linear ceiling system constructed from extruded aluminium strip and fixed to a simple suspension system. The opening space provides acoustic effect and also effectively screening mechanical electrical and plumbing equipment in the plenum. Profile TU-shape used in high traffic areas such as shopping malls, airports, bus-stations and so on. standard nominal size is 25x70mm. 30x80mm. 50x100mm etc, Special size/shape are available on request. Polyester powder coating finishes provide wide choice of colours may create a taste of style and fashion.

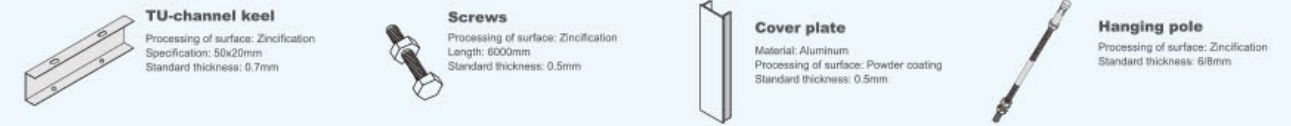
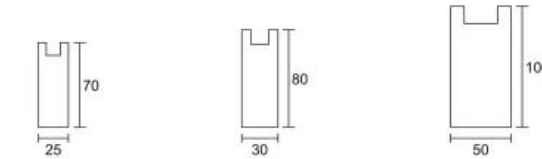
### Equipment system

Extrusion Baffle Ceiling System comprises extruded aluminium tube. The suspension system comprises TU-channel keel, hanging pole, etc.



### System specification

Item	Width(mm)	Height(mm)	Thickness(mm)	Standard length(mm)
TU25	25	70	0.95-1.15	3000
TU30	30	80	0.95-1.15	3000
TU50	50	100	0.95-1.15	3000



# ACEBOND



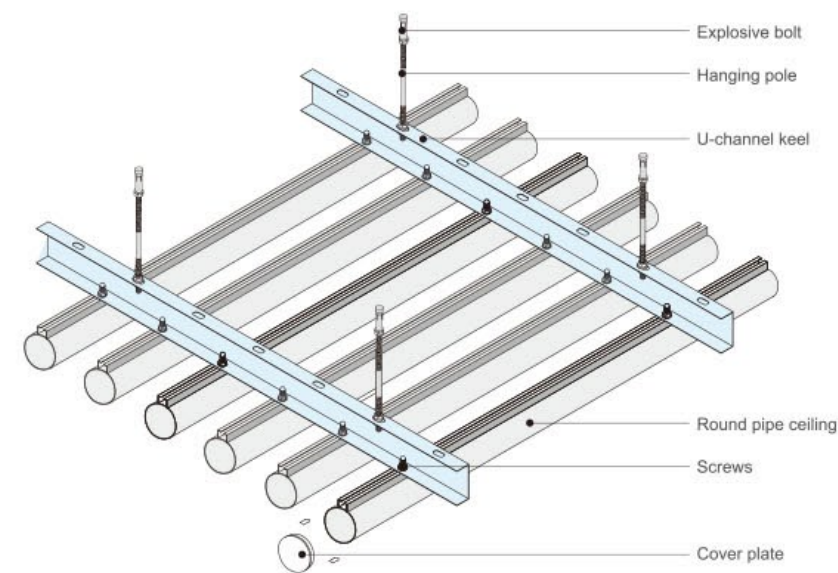
## Round Pipe Ceiling System-040, 050, 060

### Introduction

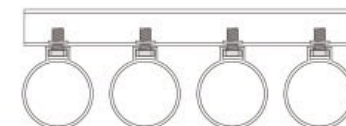
Round pipe ceiling system is a visually striking unique linear ceiling system constructed from extruded aluminum tubular sections fixed to a simple suspension system. It is ideal for shopping centers, clubs, restaurants, theatre foyers and other applications that require a strong feature ceiling. And the wind-proof feature made it extra suitable for Train station, canopy, and external area. The tubular sections are available in 40, 50, 60mm diameter, custom extrusion up on request. The system can be supplied in polyester powder coating to either RAL9010 white or specific colors, custom finishes are also available.

### Equipment system

System comprises extruded aluminium tube, U-channel keel, hanging pole, explosive bolt and cover plate.



Model	Diameter	Thickness	Legend
O-A	40	0.9	
O-B	50	0.9	
O-C	60	0.95	



Installation Drawing

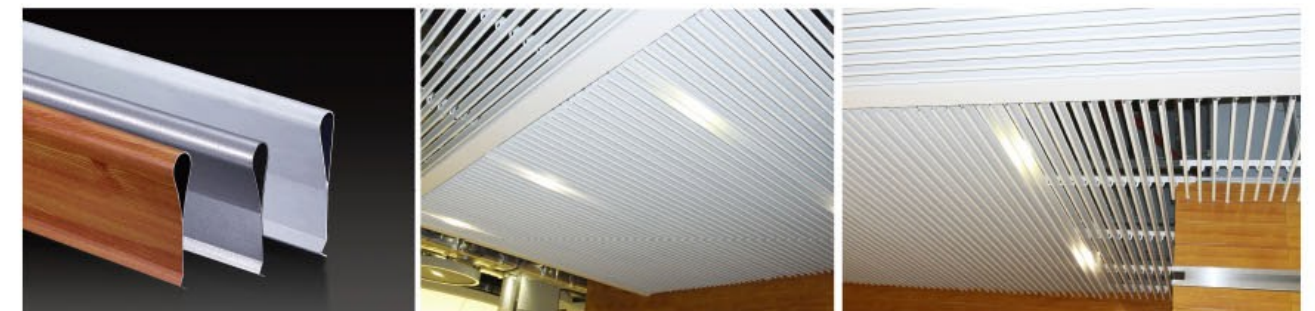
## Dripping Screen Ceiling System- D110

### Introduction

The dripping screen ceiling series is the one of the Open Type ceiling series and is composed of high-quality aluminium alloy with double side baked-enamel paint or powder coating finish. Dripping screen ceiling combines a crisp, linear appearance with a pleasing open, floating effect. Parallel blades screen the service equipment in the plenum to present an expressive statement suitable to any area.

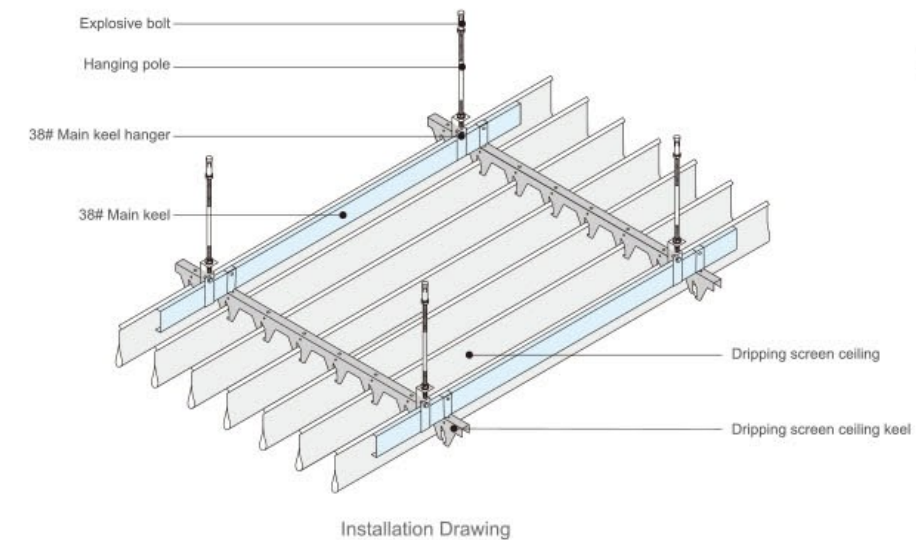
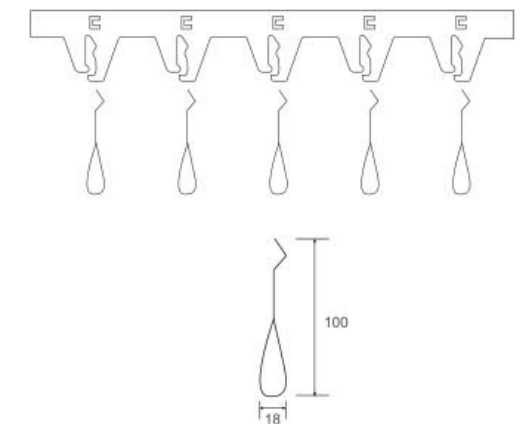
### Equipment system

Dripping screen ceiling is composed of the aluminium ceiling panel of thickness 0.6-0.8mm with baked-enamel paint. The suspension system comprises dripping screen ceiling keel, hanging pole, explosive bolt, all galvanized.



### Drip hanging piece of data

H、Height: 100    φ、Diameter: 18    D、Thickness: 0.90



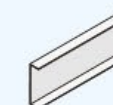
Installation Drawing



**Dripping screen ceiling keel**  
Processing of surface: Zincification  
Height: 80mm  
Standard thickness: 1.0mm



**38# Main hanger**  
Processing of surface: Zincification  
Height: 95/105mm  
Standard thickness: 1.0mm



**38# Main keel**  
Processing of surface: Zincification  
Height: 38/50mm  
Length: 3000mm  
Standard thickness: 0.8mm



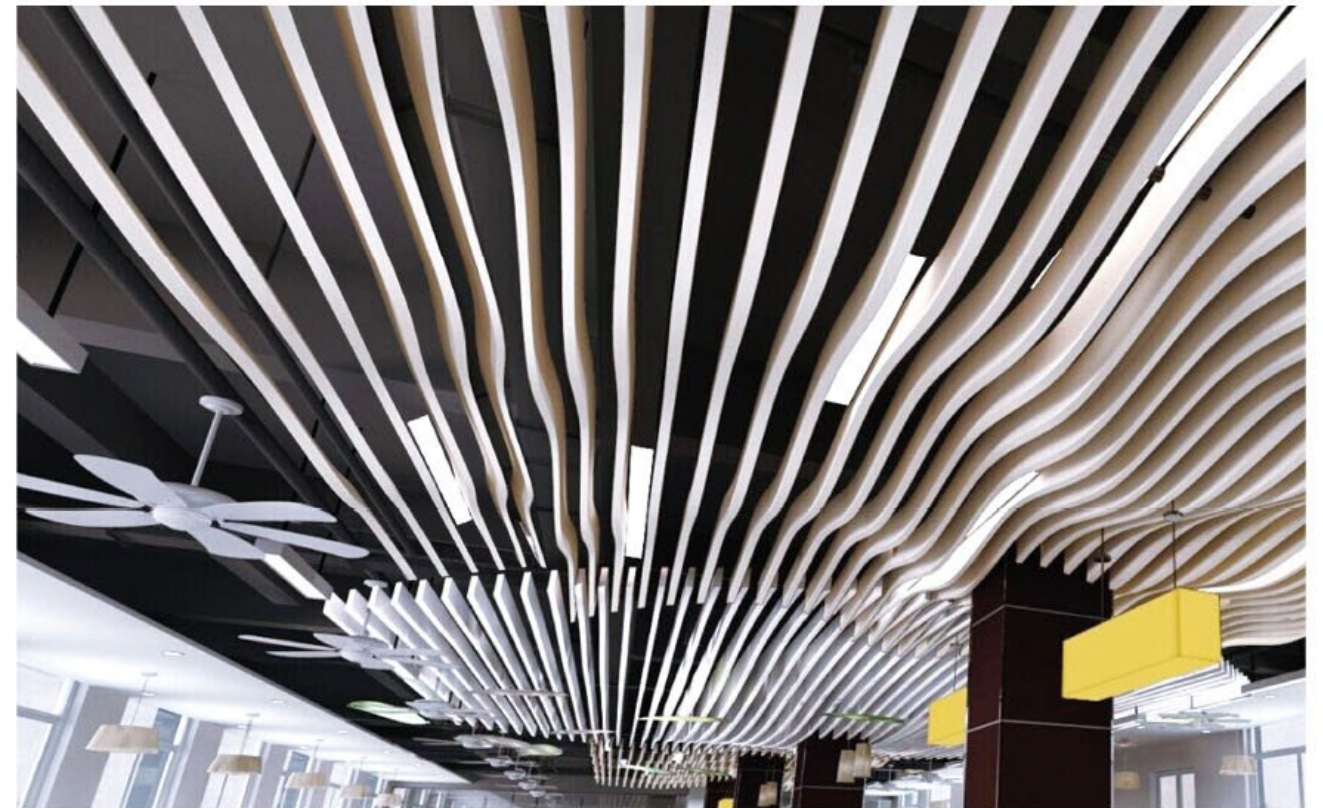
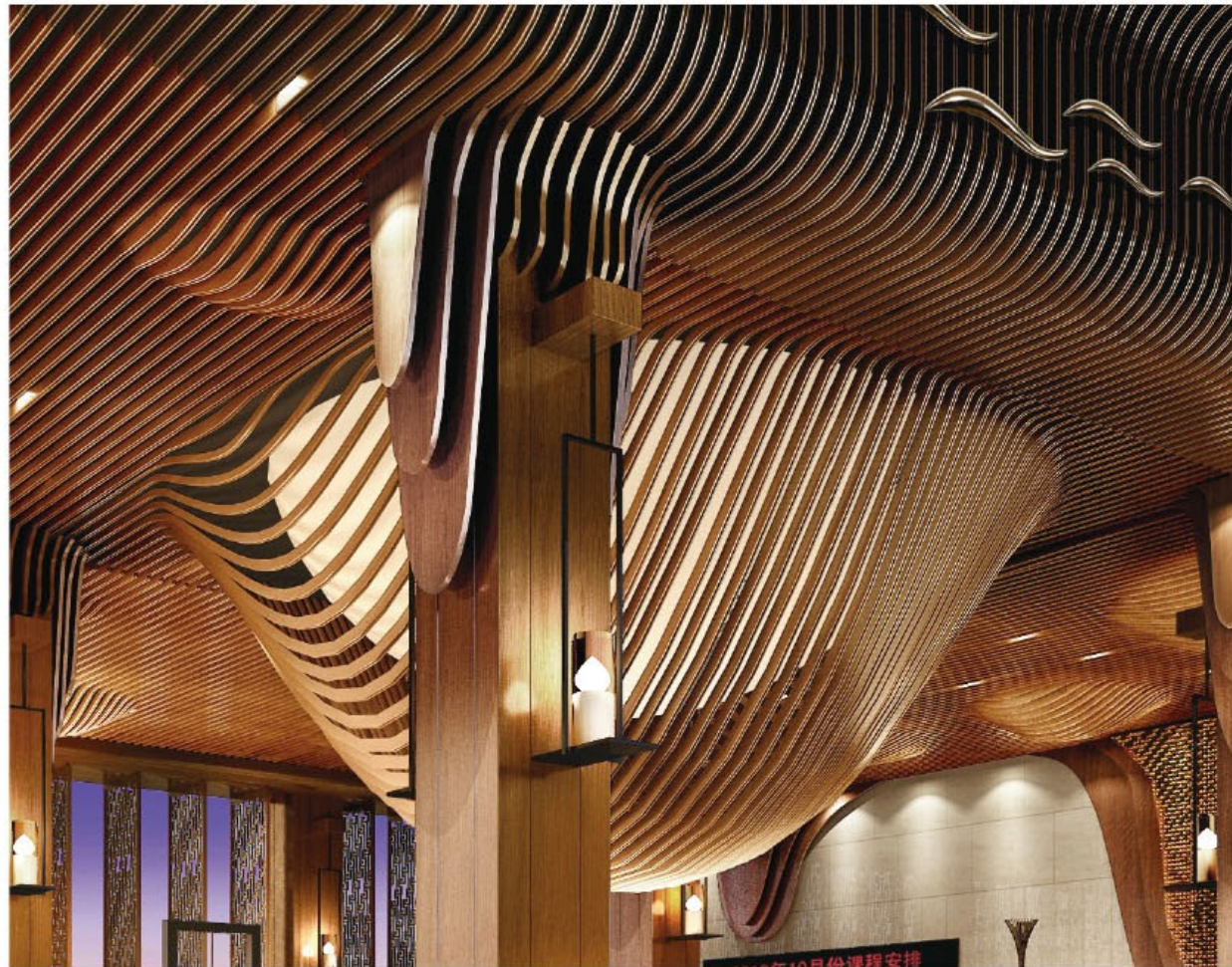
**Hanging pole**  
Processing of surface: Zincification  
Standard thickness: 6/8mm

# ACEBOND

## Special-shape Tube Ceiling System

### Introduction

Shaped square tube ceiling, modeling thousands of change, to meet the designer's changing design style, to break the dull conventional decoration. Shaped square tube full display of the arc curve of the beautiful, from different angles have different effects. Special aluminum square or wood grain aluminum square can be bent into curved, shaped aluminum square for the emergence of designers to provide a broader concept of space to create a more unique and beautiful works. Its high stability, can be used for indoor and outdoor. Surface treatment can be customized according to customer requirements. Suitable for large shopping malls or senior public places.



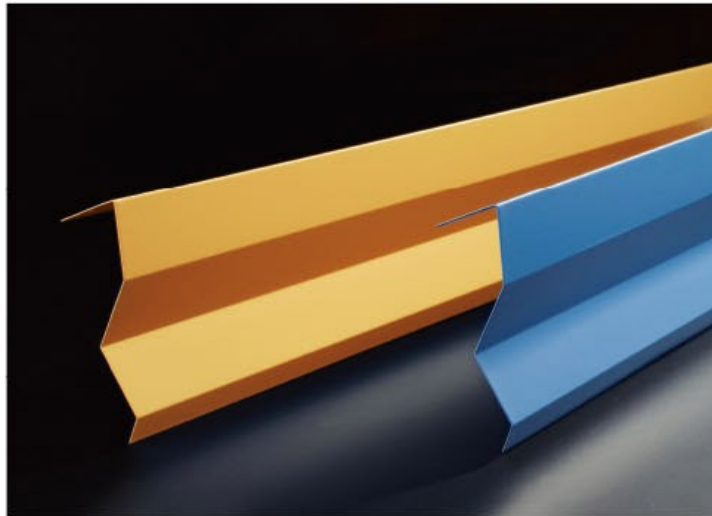
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## Hook Type Screen Ceiling System

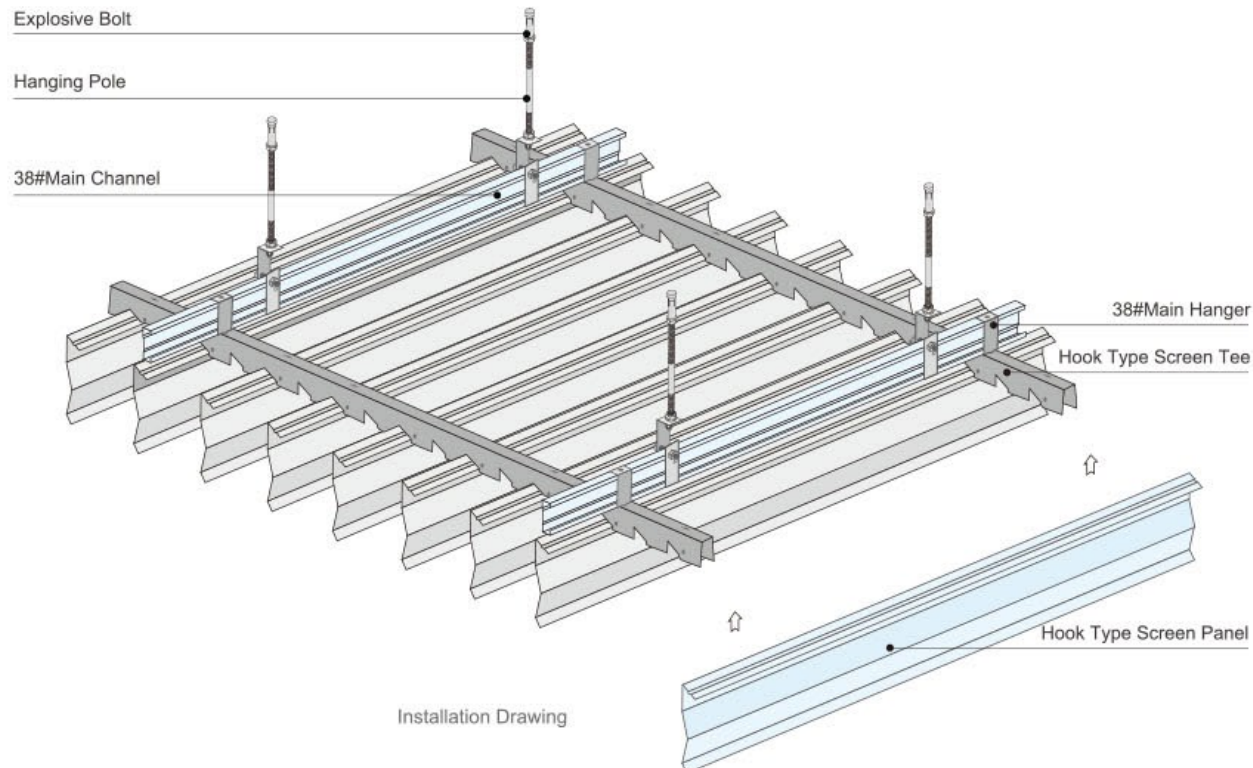




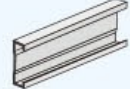

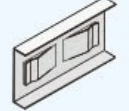

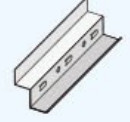
### Introduction

Handing with different height and color can be used according to different height. They can be hidden in establishments like pipeline, broadcast, fire-control, air-conditioning, cold and hot shower under the building. Meanwhile it makes interleaving of daylight and lamp light. It is interated and elegant.



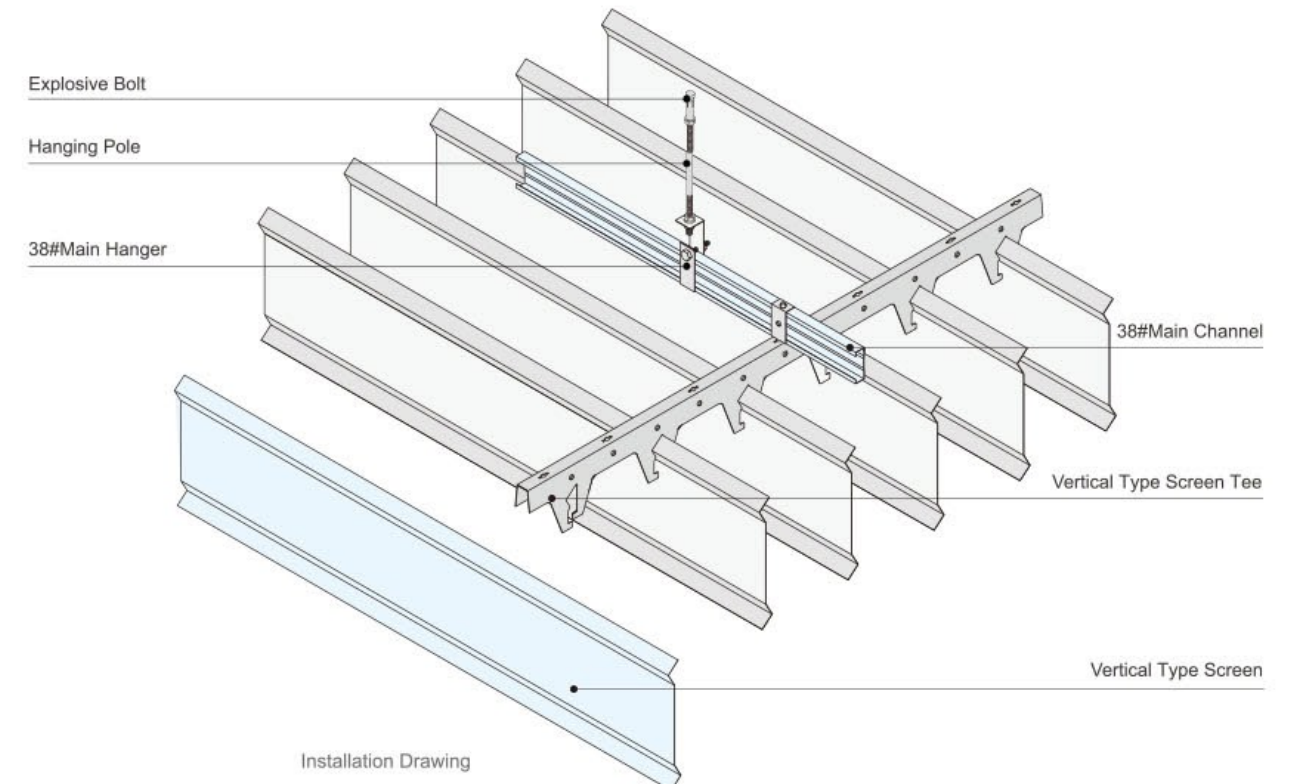
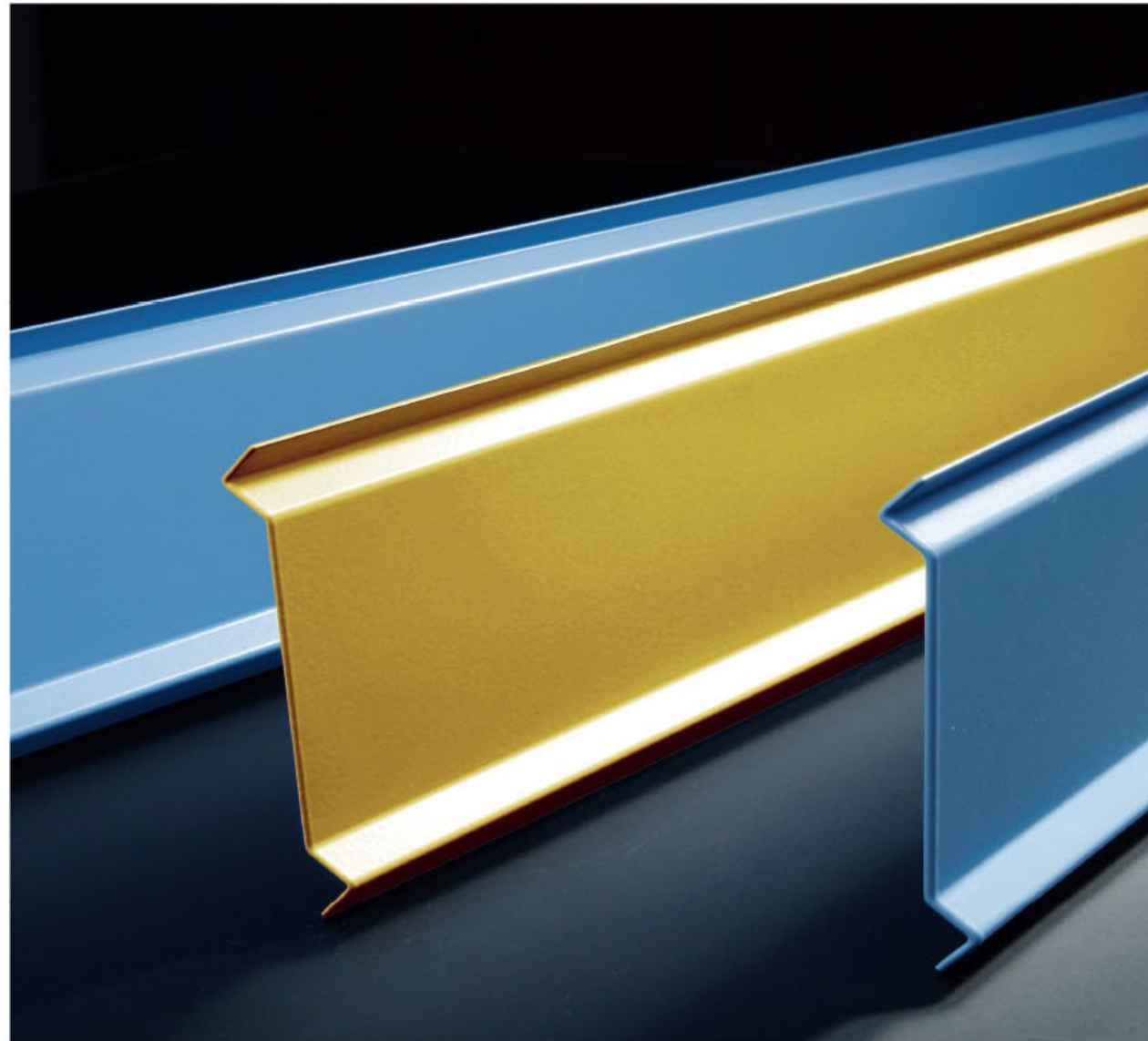
Type	Height	Thickness	Legend
A50	50	0.4-0.8	
A70	70		
A100	100	0.5-1.0	
A125	125		
A150	150		
A200	200		



 <p><b>Hook type screen tee</b> Material: steel Surface treatment: galvanized Height: 30mm Standard thickness: 0.7mm</p>	 <p><b>Hook type connector</b> Material: steel Surface treatment: galvanized Length: 77mm Standard thickness: 0.5mm</p>	 <p><b>38# Main channel</b> Material: steel Surface treatment: galvanized Specifications: 38x12mm Standard thickness: 0.6mm</p>	 <p><b>38 # Main hanger</b> Material: steel Surface treatment: galvanized Height: 95 / 105mm Standard thickness: 1.0mm</p>
 <p><b>38# Main channel pieces</b> Material: steel Surface treatment: galvanized Height: 41 / 53mm Length: 125mm Standard thickness: 1.0mm</p>	 <p><b>Hanging pole</b> Material: steel Surface treatment: galvanized Standard thickness: 6 / 8mm</p>	 <p><b>W-shaped wall angle</b> Material: AA grade aluminum alloy Surface treatment: powder coating Specifications: 24x11x124mm Length: 3000mm Standard thickness: 0.6mm</p>	

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## Vertical Type Screen Ceiling System



	<p><b>Vertical type screen tee</b>          Surface treatment: galvanized          Height: 50mm          Length: 3000mm          Standard thickness: 0.55 / 0.7mm</p>		<p><b>Vertical type tee connector</b>          Material: steel          Surface treatment: galvanized          Length: 77mm          Standard thickness: 0.5mm</p>		<p><b>38# Main channel</b>          Material: steel          Surface treatment: galvanized          Specifications: 38x12mm          Standard thickness: 0.8mm</p>
	<p><b>Hanging pole</b>          Material: steel          Surface treatment: galvanized          Standard thickness: 6 / 8mm</p>		<p><b>38 # Main hanger</b>          Material: steel          Surface treatment: galvanized          Height: 95 / 105mm          Standard thickness: 1.0mm</p>		



# ACEBOND

- Powder spray coating
- PE (polyester) spray coating
- PVDF (Fluorocarbon) spray coating
- Wooden Color Painted
- Stone color painted

## Powder spray coating



Powder coatings typically comprise a resin, a curing agent and a pigment, a filler composed of several parts, divided into thermoplastic and thermosetting powder coating paint. Because powder coatings do not use organic solvents in the production and use, so in terms of environmental protection, economy and spraying process is a certain advantage. Due to the relative molecular mass of the powder coating film forming materials than its spray-type paint to large, thus forming the coating performance and durability is better than ordinary paint, coating with excellent physical and mechanical properties, not easy to be scratched, rugged durability, excellent chemical resistance, so in the general building materials, doors, windows, steel the article has also been widely used. But its obvious shortcomings are: fewer colors diversity of painting equipment investment is large.

## PE (polyester) spray coating



Electrostatic spraying paint is to use the repulsion of charge, the basic characteristics of the opposite sex attraction and designed a new type of painting method, which is by the action of the DC high voltage electric field, so atomized mist spray gun finer, while mist of charged particles, deposited by electrostatic attraction with the workpiece surface to form a uniform heterogeneous charge coat of paint is atomized with mechanical electrostatic attraction, repulsion combined with a high cross-coating method. Electrostatic spraying paint on the workpiece as the general positive, the gun is negative. Spacing between the workpiece and the gun is generally 250mm - 350mm, set the voltage of 60 - 90KV, electrostatic spray paint the main advantages are: ① fully atomized paint, coating exterior decorative effect; ② paint high utilization; ③ paint fog flying less conducive to environmental protection requirements; ④ high efficiency spray products for high-volume automated continuous production; ⑤ uniform coating thickness, complex parts for the corner site has a good spray effect.

## PVDF (Fluorocarbon) spray coating



Aluminum panel surface coating using fluorocarbon polymer coating is applied to the exterior wall of a metal coating, the main component containing not less than 70% Kynar500 or Hyiar5000 fluorocarbon resin, is one of the most stable and durable molecular structure combined with paint, fluorocarbon products through long-term resistance to erosion sun's ultraviolet radiation, industrial emissions, acid rain and chemicals, to maintain long-term color stability and smooth, coating does not peel off, no cracks, no chalking. AAMA2605 products meet U.S. quality standards. To enable products to reach world-class standards, the use of advanced imported spraying equipment, the choice of the United States PPG company's Kynar-500PVDF fluorocarbon polymer coating spray.

## Wooden Color Painted



Through spraying of thermal transfer process or roller coating process, the aluminum surface is coated decorative wood coatings. Aluminum surface has a grainy surface fibrils clarity of fine lines or rough simulation wood grain texture, with rich colors and natural-looking features. Wood grain texture not only on the plane aluminum applications, better application in profiled aluminum surface, thereby enhancing the appearance and value in use decorative effect, beautify the space environment, providing designers with a broader vision of space to create a more unique and beautiful works.

## Stone color painted



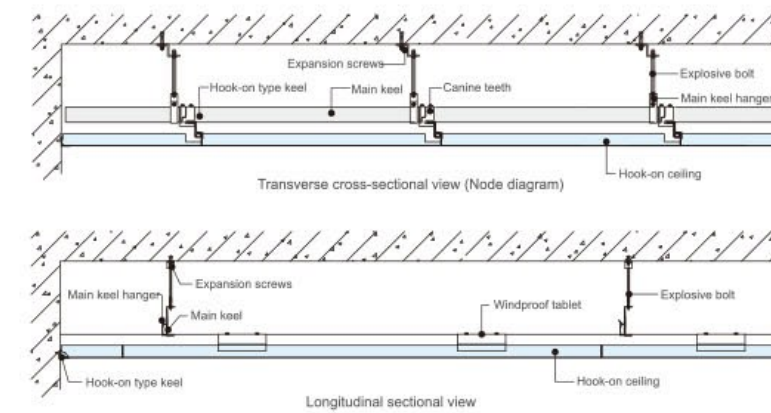
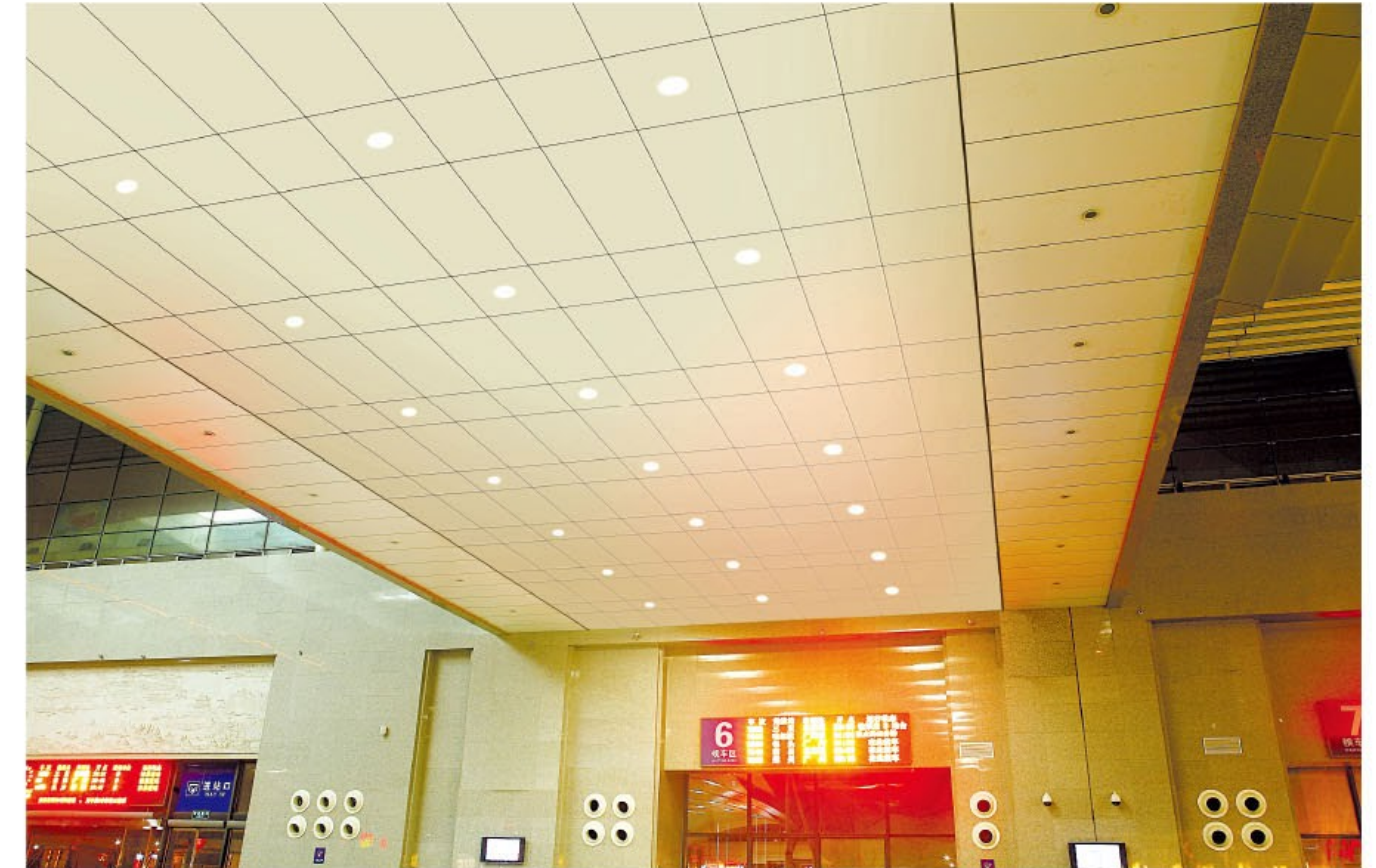
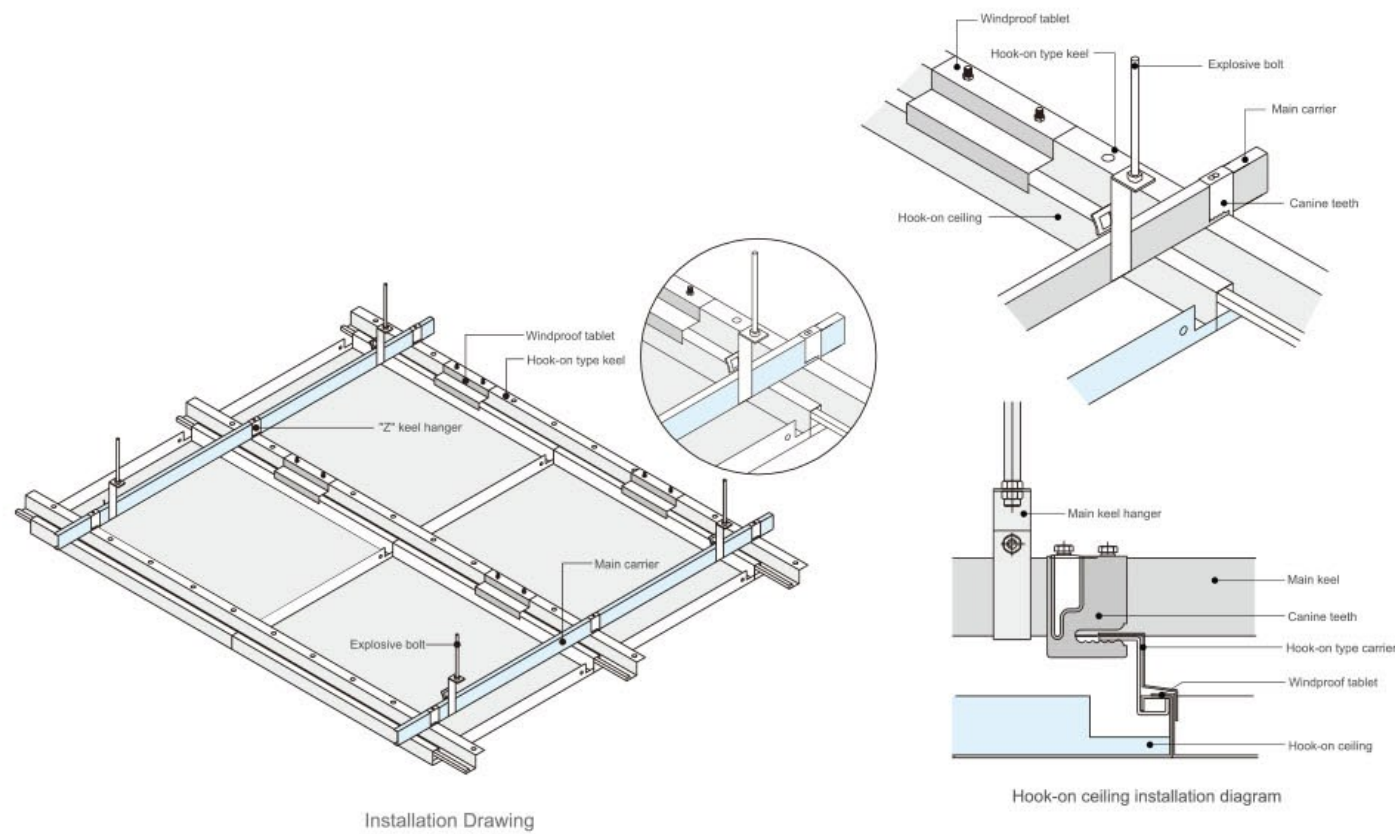
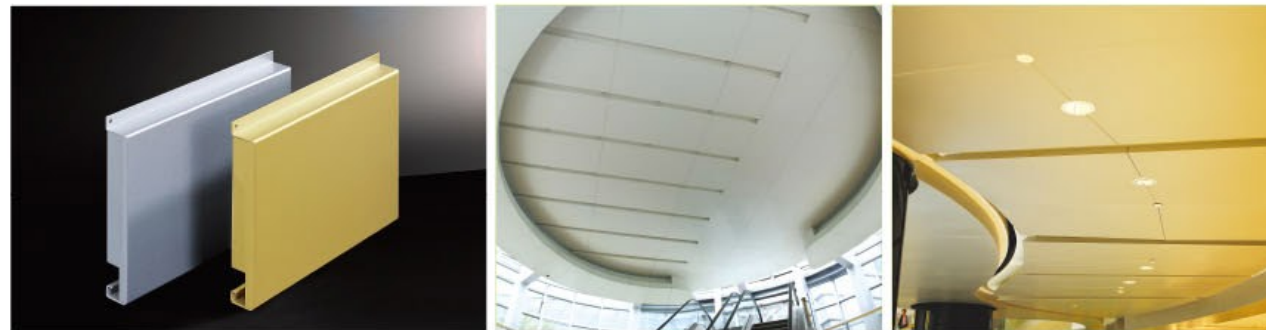
Stone grain aluminum and heat transfer is by spraying or roll coating process, the aluminum coating applied to the surface of stone decorative patterns. Stone pattern of the surface of the aluminum surface with a rough simulation of clarity stone pattern texture, with rich colors and natural-looking features. Stone pattern texture not only on the plane aluminum applications, better application in profiled aluminum surface, thereby enhancing the appearance of the product and the use of decorative value, beautify the space environment, provides designers with a broader concept of space to create a more unique and beautiful works.

# ACEBOND

## Hook-On Ceiling

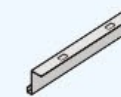
### Introduction

- Simple structure: Hook-on ceiling "Z" series is a one-way parallel keel hook-on structure.
- Super closely joint characteristic: Hook-on ceiling installation system have the steady structure, hidden well, easy to install and remove, which keeps the smooth ceiling surface. The splicing between two ceiling panel is through the keel fold together orderly. The unique hook-on design can well control the activity between ceiling panels, which ensure the gap between panels is more closely and flat.
- Easy maintenance: For supporting maintenance, this structure has a unique service port design, without affecting the beautiful appearance and ensures the overall unit and beauty of the ceiling panel.
- Widely usage: Hook-on Aluminum ceiling is applicable to the corridor, aisle, hotels, shopping malls, offices, hospitals, etc.

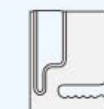


### Hook-on ceiling installation

- 1, Installing the wall angle in the same height.
- 2, Installing light steel main keel in appreciate space, the normal space is 1- 1.2m.(If there is no space which caused by height, can also be hooked directly to the hanging pole.) Binding the light steel main keel with the prepared "Z" keel hanger on the "Z" keel, then screw it under the main keel in the vertical direction, the space of the "Z" keel accords to the width of the plate.
- 3, Adjusting the plate level, hook the plate on the keel orderly and adjust the plate distance to be the same.
- 4, If installed exterior, it should be add the windproof tablet on the "Z" keel which in order to achieve the role of resistance to wind pressure .
- 5, Pay attention to the parallel between hook-on "Z" keels, and the vertical degree with the upper light steel main keel, otherwise it will affect the installation quality of the plate surface.



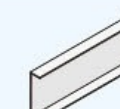
**Hook-on type keel**  
Processing of surface: Zincification  
Height: 50mm  
Length: 3000mm  
Standard thickness: 1.0mm



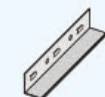
**Canine teeth**  
Processing of surface: Zincification  
Height: 50mm  
Standard thickness: 1.0mm



**Main carrier hanger**  
Processing of surface: Zincification  
Height: 95/105mm  
Standard thickness: 1.0mm



**Main carrier**  
Processing of surface: Zincification  
Height: 38/50mm  
Length: 3000mm  
Standard thickness: 0.8mm



**L-shaped Wall angle**  
Processing of surface: Powder coating  
Specifications: 25mmx25mm  
Length: 3000mm  
Standard thickness: 0.6mm



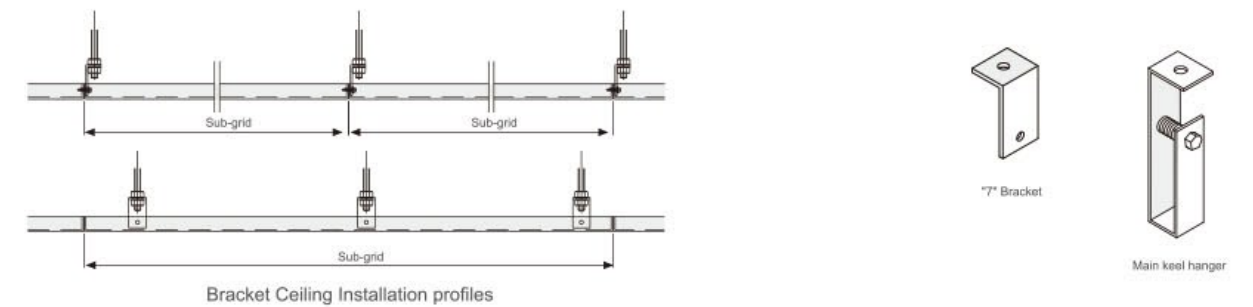
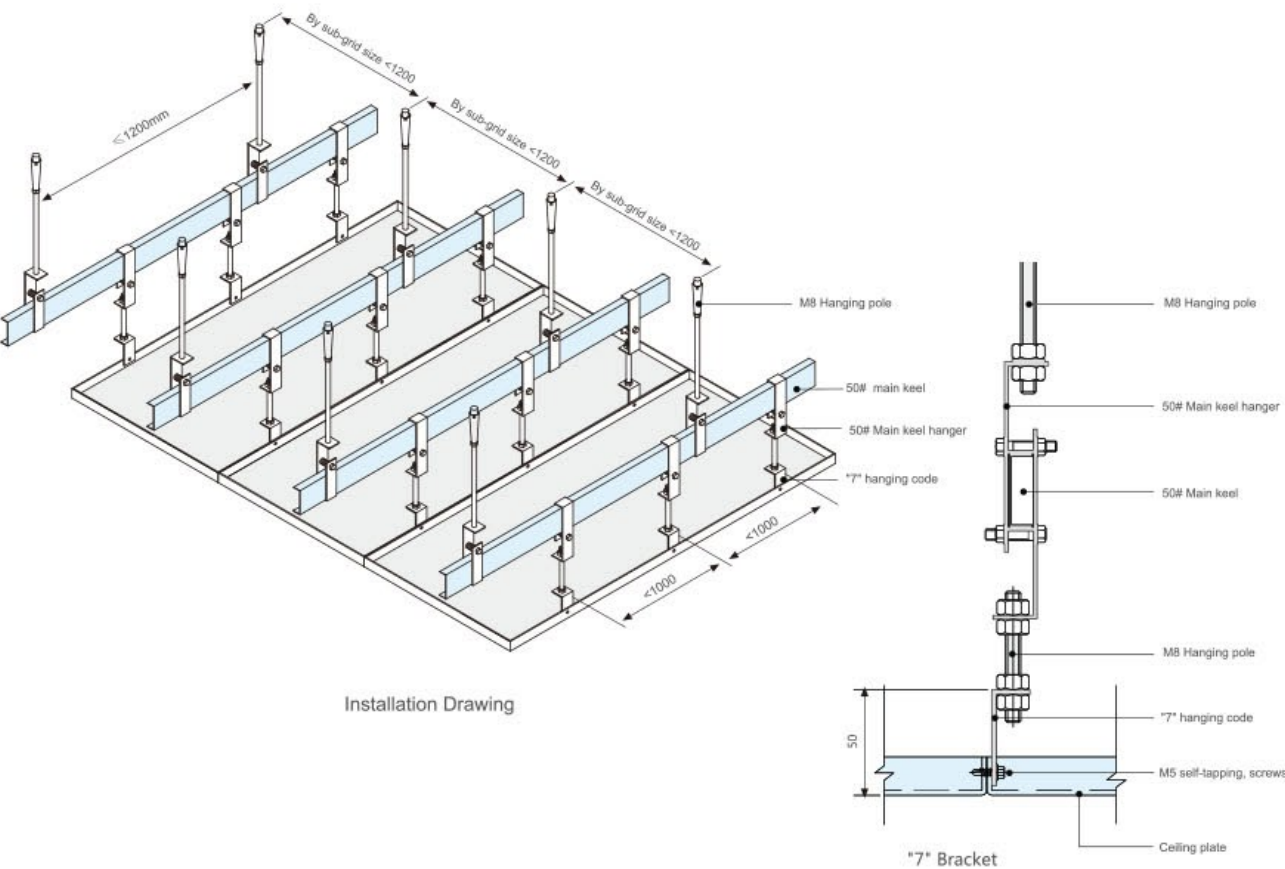
**Explosive bolt**  
Processing of surface: Zincification  
Standard thickness: 0.8mm

# ACEBOND

## Bracket Type Ceiling

### Introduction

The bracket type ceiling in order to ensure the flatness and strength of metal panel in long-term use, through bolt the ribs and panels connected to form a solid whole, so as to increase its strength and rigidity, but the inner is the result of after-precipitation of science and technology.



### Bracket ceiling ("7" hanging code) installation instructions:

1. According to the design drawings, measure the elevation of Aluminum solid panel after installation, determine the ceiling's horizontal, and install the wall angle in the same height.
2. Determine the install direction, install the hanging pole in appropriate space, the normal space is 1-1.2m
3. Fix the light steel main keel, main keel hanger. The main keel will be raised to the horizontal level, while make sure the keel is parallel to each other .
4. Fix the light steel main keel hanger on the main keel, install the M8 hanging pole.
5. Connect two pieces of ceiling plate and "7" hanging code together through the self-drilling screws, then fixed on the M8 hanging pole.
6. Measure the side plate size based on actual conditions, put the ceiling plate on the wall angle.
7. Wearing gloves when installing plate, if finger printers of stains remain on the plate, please remove it off with warm water and detergent, then dry it .

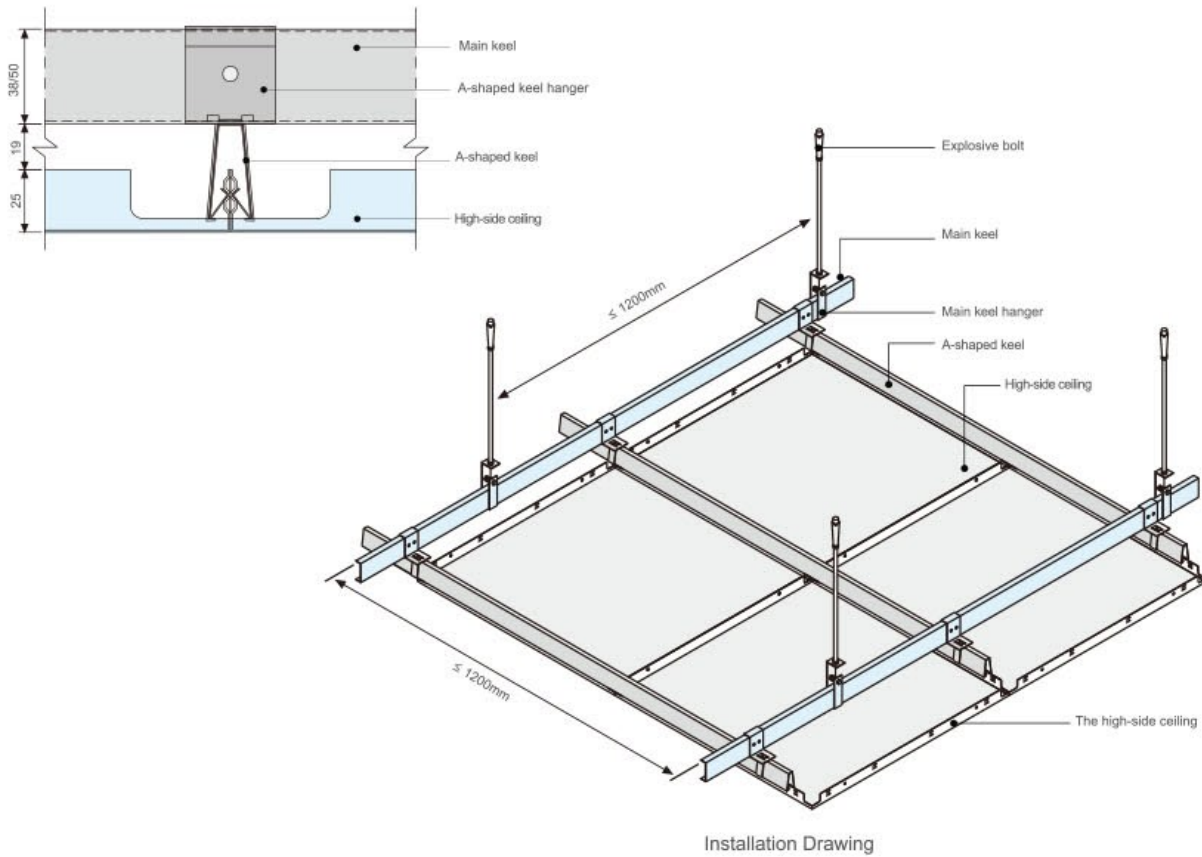
# ACEBOND







## Non-Standard “A” -Keel Ceiling

### Introduction

Seamless splicing: Splicing between the board and the board is tightly clamp the pieces together through the keel, so the gap between the board and the board is perfect for covert projects, with the protection of fireproof, moisture proof, etc.

Non-standard “A” -keel ceiling, each side of the plate have a dot position to ensure the flatness of the ceiling, and the overall consistent and aesthetics. Almost all the standard lighting and air-conditioning parts can be installed in this ceiling system.



 <p><b>A-shaped keel</b> Processing of surface: Zincification Height: 40mm Length: 3000mm Standard thickness: 0.5mm</p>	 <p><b>A-shaped keel connector</b> Processing of surface: Zincification Height: 40mm Length: 62mm Standard thickness: 1.0mm</p>	 <p><b>Main keel hanger</b> Processing of surface: Zincification Height: 95/105mm Standard thickness: 1.0mm</p>	 <p><b>Main keel</b> Processing of surface: Zincification Height: 38/50mm Length: 3000mm Standard thickness: 0.8mm</p>
 <p><b>A-shaped keel hanger</b> Processing of surface: Zincification Height: 42mm Standard thickness: 1.0mm</p>	 <p><b>L-shaped Wall Angle</b> Processing of surface: Powder coating Specifications: 25mmx25mm Length: 3000mm Standard thickness: 0.6mm</p>	 <p><b>Explosive bolt</b> Processing of surface: Zincification Standard thickness: 6/8mm</p>	

# ACEBOND

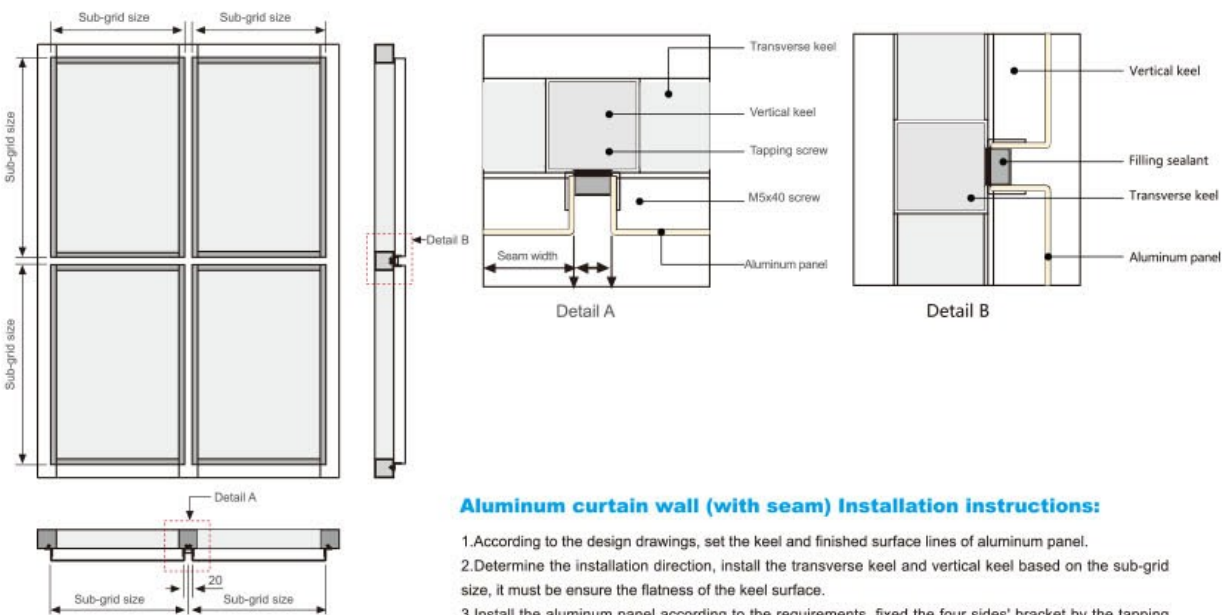
## Aluminum Solid Panel, Flat-Seam Series

### Introduction

Using the gap between the two aluminum panels, fixed by the screws, then seal glue, which can complete the installation. This is the most common used installation method, the lines formed between the panels make a smooth flow of multi-style. Using a variety of glue in different color, forming lines of different colors, looking to be harmonious or compared with the surface color of the aluminum panel, which is according to the atmosphere and scene setting.



Seam aluminum solid panel



Aluminum curtain wall (with seam) installation diagram

### Aluminum curtain wall (with seam) Installation instructions:

1. According to the design drawings, set the keel and finished surface lines of aluminum panel.
2. Determine the installation direction, install the transverse keel and vertical keel based on the sub-grid size, it must be ensure the flatness of the keel surface.
3. Install the aluminum panel according to the requirements, fixed the four sides' bracket by the tapping screws, and then insert the filling foam into the seam.
4. Wearing gloves when installing aluminum panel, if finger printers or stains remain on the panel, please remove it off with warm water and detergent ,then dry it.

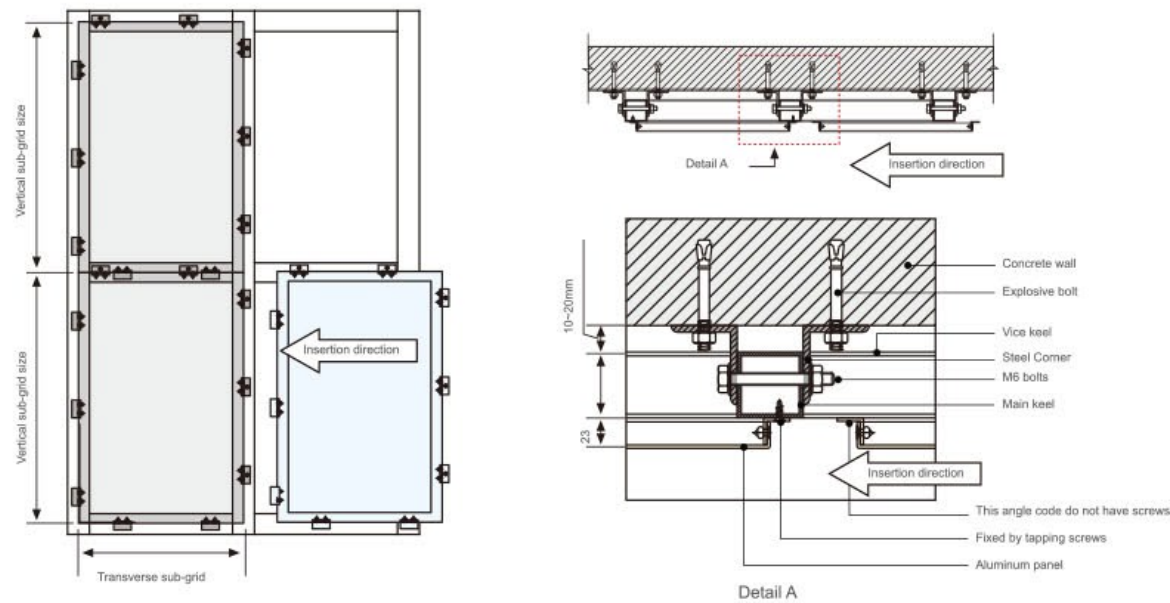


# ACEBOND

## Aluminum Solid Panel, Flat-seamless Series

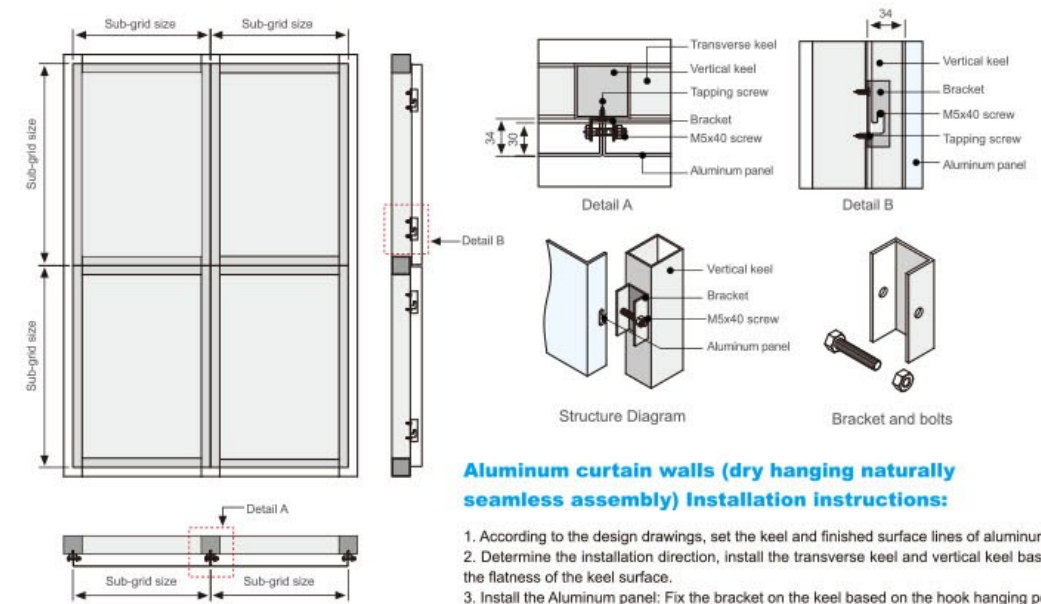
### Introduction

Aluminum solid Panel, Flat-Seamless series have diminished the gap between panel and panel, and make the overall look smooth and tidy. The smoothness and flatness of the panel make the building bright and clean. This has enhance the environment we live.



### Aluminum curtain wall (for plug-in) installation instructions :

1. According to the design drawings, set the keel and finished surface lines of aluminum panel.
2. Determine the installation direction, install the transverse keel and vertical keel based on the sub-grid size, it must be ensure the flatness of the keel surface.
3. Install the aluminum panel: pay attention to the installation sequence, as the diagram shows, the panels are installed from left to right, from down to up. The angle codes from the left side of each panel are inserting into the gap between the folding side of the left panel and the keel. The right and upper angle codes are fixed by tapping screws. (plate gap can be adjusted, the interior can be seamless natural assembled).



### Aluminum curtain walls (dry hanging naturally seamless assembly) Installation instructions:

1. According to the design drawings, set the keel and finished surface lines of aluminum panel.
2. Determine the installation direction, install the transverse keel and vertical keel based on the sub-grid size, it must be ensure the flatness of the keel surface.
3. Install the Aluminum panel: Fix the bracket on the keel based on the hook hanging position, and then hang the aluminum panel in the bracket.



# ACEBOND

## Seam Square Column Cover

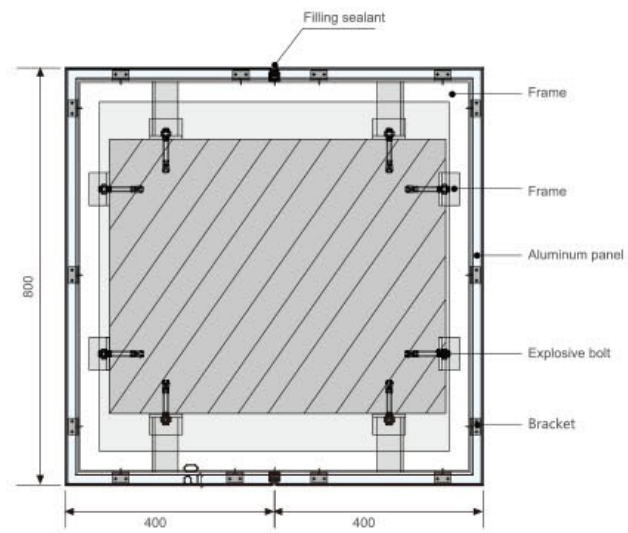
### Introduction

Designer turns the square column into beautiful scenery which considered as barrier before. This is not only due to modern decoration, but also the contribution of building materials.

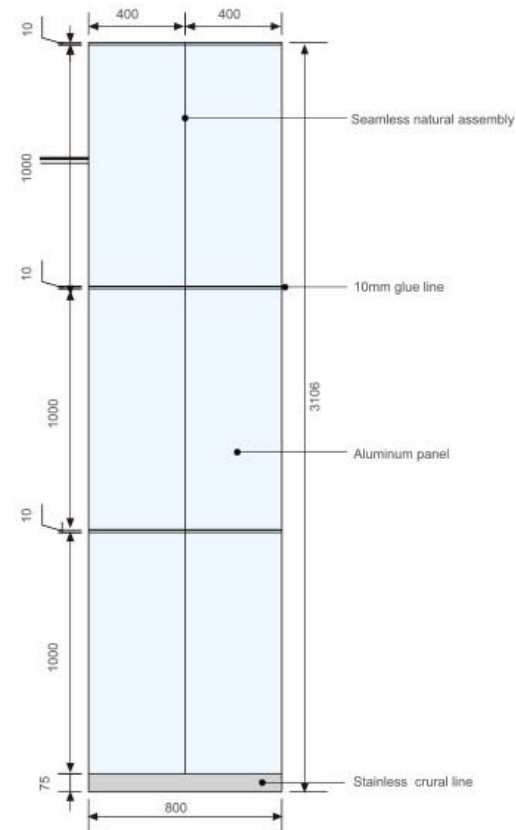
The square seam column cover make the simple wall be a unique visual highlights.



Seam square column cover



Square column profile (dry hanging)



Square column elevation view(dry-hanging)

## Seamless Square Column Cover

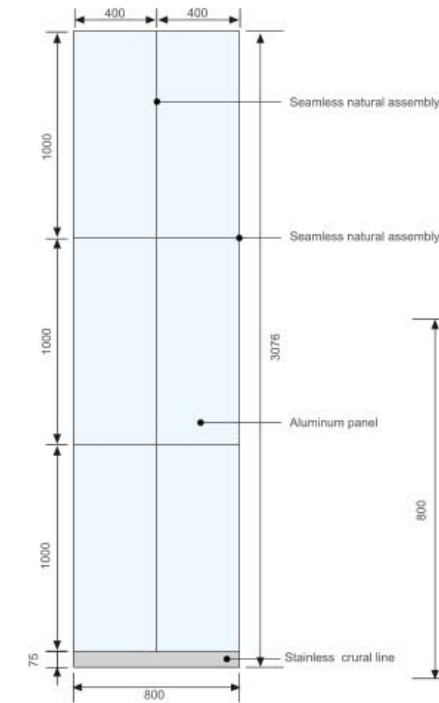
### Introduction

The Application of seamless square column cover brings us a unified and concise visual feast when used at large space.

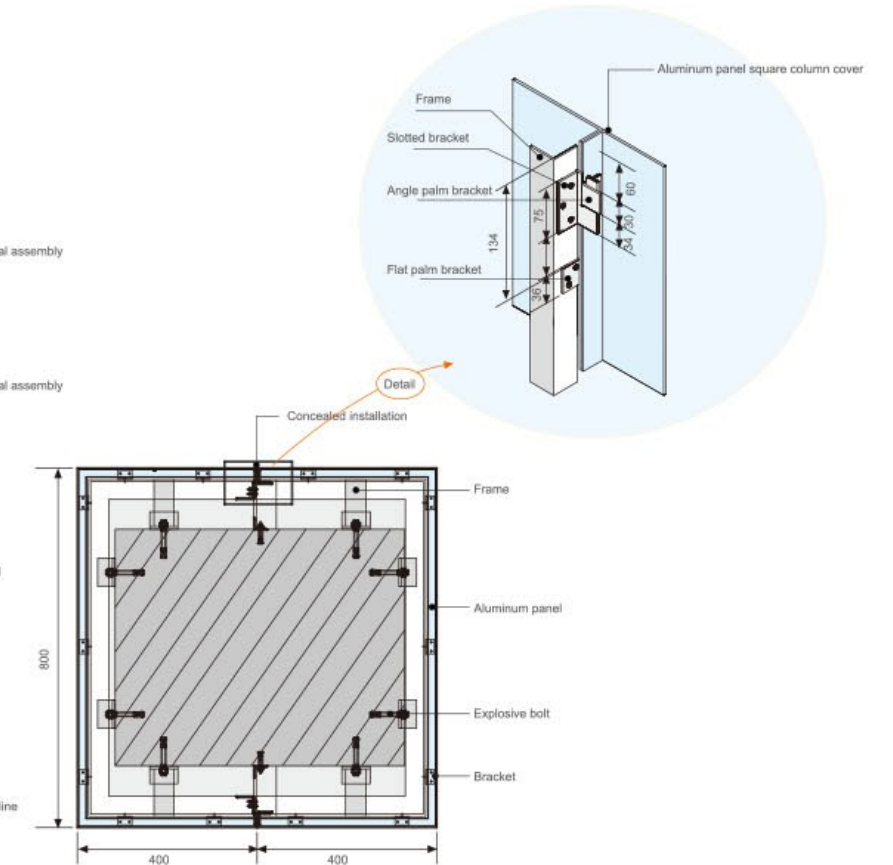
The vagaries of modern architectural design, on the contrary, let the simple decoration of seamless square column cover looks a visual shock, meanwhile bring us surprise and enjoyment.



Seamless square column cover



Square column elevation view(Seamless)



Square column profile



ACEBOND®

# ACEBOND

## Seam Round Column Cover

### Introduction

Seam round column cover make the public vision of a three \*dimensional basis. In architectural aesthetics, the combination of building material and construction structure is not only encountering a chance, but also the colliding of inspiration and reality, and for sure this kind of creative application will continue to extend in construction.

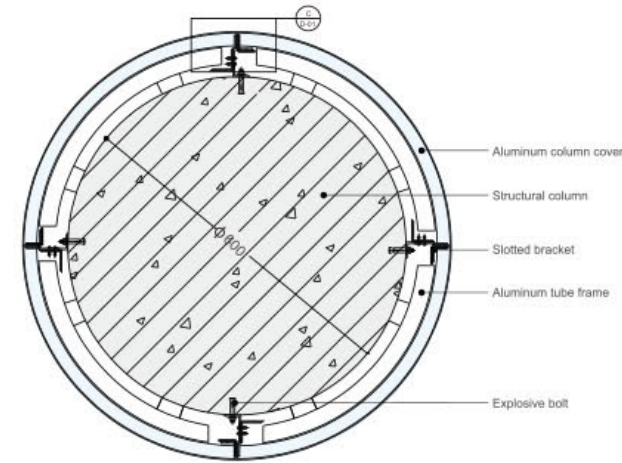
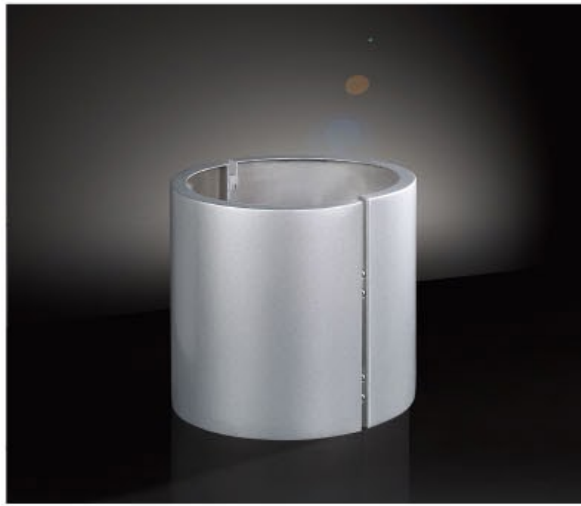


Seam round column cover

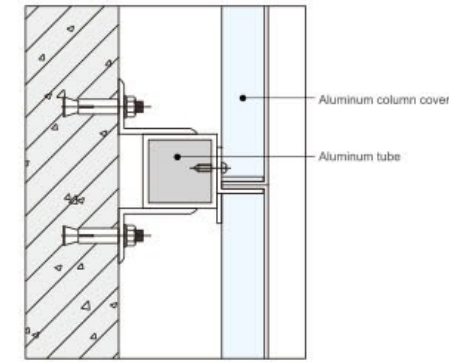
## Seamless Round Column Cover

### Introduction

The application of seamless round column cover brings us surprise and visual enjoyment, it is usually used at lobby, large station, airport, various exhibition halls, and other public places. On different occasion, it brings different pleasure. When you see it, you would think it is so nature and as if good make it like this.



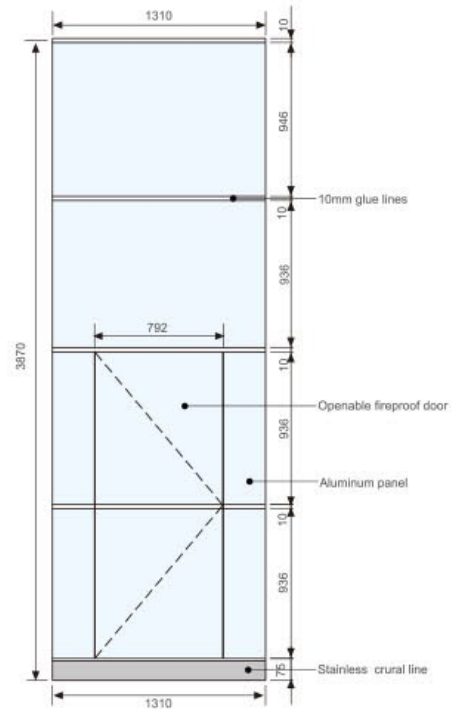
A-A Profile



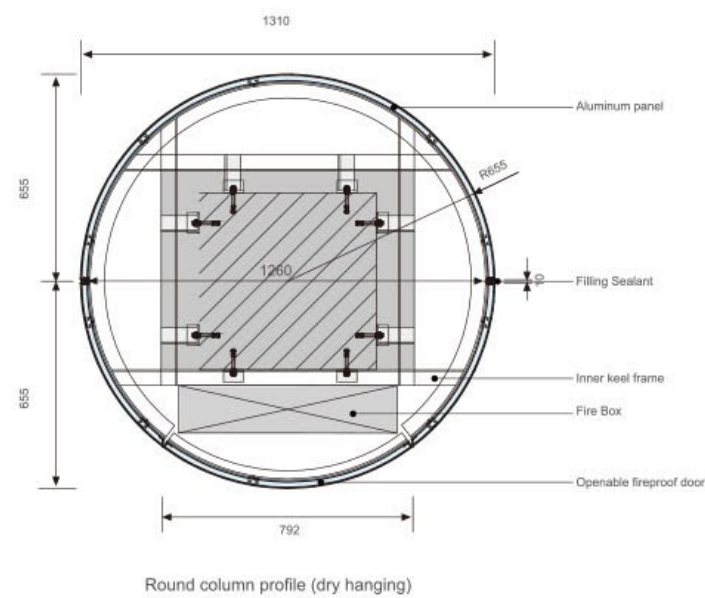
B-B Profile



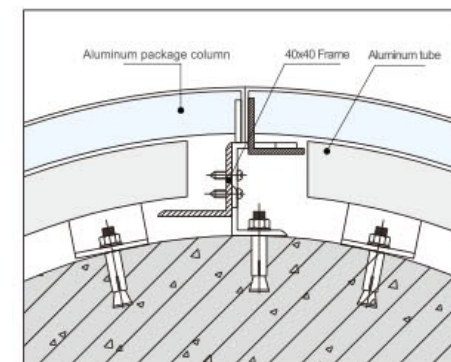
Seamless round column cover



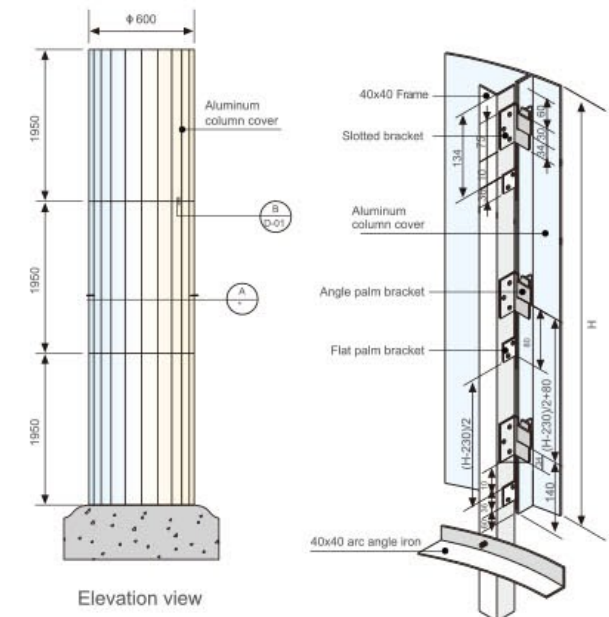
Round column elevation view (dry-hanging)



Round column profile (dry hanging)



C profile

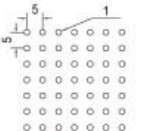
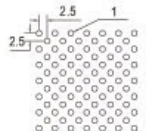
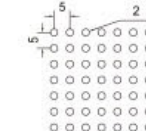

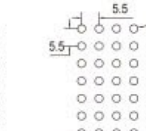
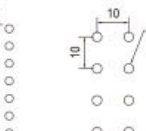
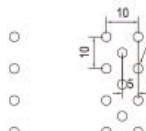
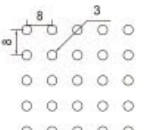
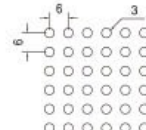
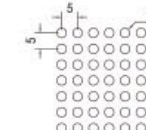
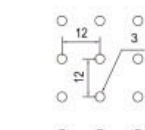
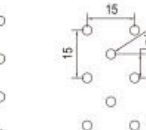
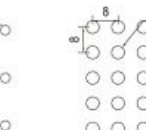
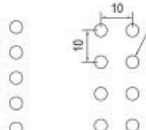
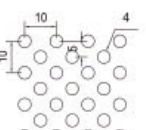
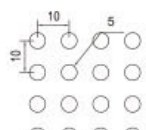
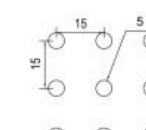
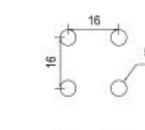
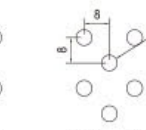
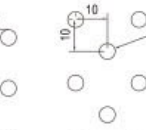
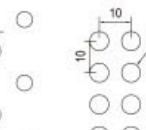
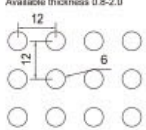
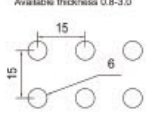
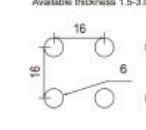
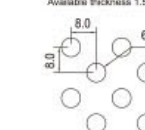
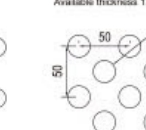
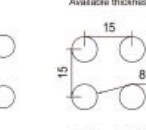
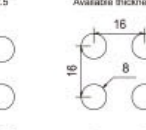
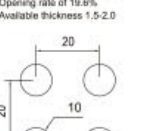
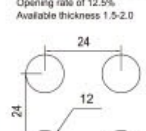



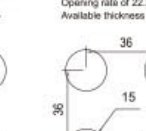
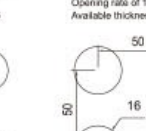
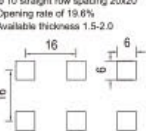
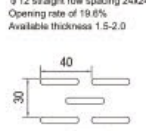




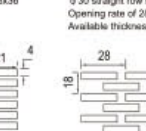
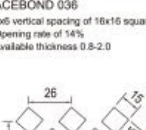
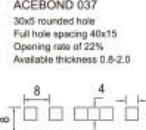


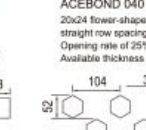
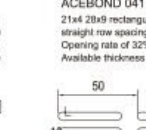



Elevation view

# ACEBOND

## The Perforated Pattern

Perforated ceiling have a sound-proof function. It has many different patterns .Some patterns are sticker with non-woven tissue, which strength the sound-proof effect.

 <p><b>ACEBOND 001</b>            ø 1.8 straight row spacing 5x5            Opening rate of 10.1%            Available thickness 0.8-1.0</p>	 <p><b>ACEBOND 002</b>            ø 1.8 straight row spacing 5x2.5            Opening rate of 20%            Available thickness 0.8-1.0</p>	 <p><b>ACEBOND 003</b>            ø 2.3 straight row spacing 5x5            Opening rate of 16.6%            Available thickness 0.8-1.2</p>	 <p><b>ACEBOND 004</b>            ø 2.3 straight row spacing 5x5            Opening rate of 19.6%            Available thickness 0.8-1.2</p>	 <p><b>ACEBOND 005</b>            ø 2.3 straight row spacing 5.5x5.5            Opening rate of 16.2%            Available thickness 0.8-1.2</p>	 <p><b>ACEBOND 006</b>            ø 3 straight row spacing 10x10            Opening rate of 7%            Available thickness 0.8-2.0</p>	 <p><b>ACEBOND 007</b>            ø 3 straight row spacing 10x5            Opening rate of 14%            Available thickness 0.8-2.0</p>
 <p><b>ACEBOND 008</b>            ø 3 straight row spacing 8x8            Opening rate of 11%            Available thickness 0.8-2.5</p>	 <p><b>ACEBOND 009</b>            ø 3 straight row spacing 8x6            Opening rate of 19.6%            Available thickness 0.8-2.5</p>	 <p><b>ACEBOND 010</b>            ø 3 straight row spacing 5x5            Opening rate of 23.3%            Available thickness 0.8-1.5</p>	 <p><b>ACEBOND 011</b>            ø 3 straight row spacing 12x12            Opening rate of 4.9%            Available thickness 0.8-2.0</p>	 <p><b>ACEBOND 012</b>            ø 3 straight row spacing 15x7.5            Opening rate of 6%            Available thickness 0.8-1.5</p>	 <p><b>ACEBOND 013</b>            ø 4 straight row spacing 8x8            Opening rate of 19.6%            Available thickness 0.8-2.0</p>	 <p><b>ACEBOND 014</b>            ø 4 straight row spacing 10x10            Opening rate of 12.5%            Available thickness 0.8-2.5</p>
 <p><b>ACEBOND 015</b>            ø 4.4 straight row spacing 10x5            Opening rate of 25.1%            Available thickness 0.8-2.0</p>	 <p><b>ACEBOND 016</b>            ø 5 straight row spacing 10x10            Opening rate of 19.6%            Available thickness 0.8-3.0</p>	 <p><b>ACEBOND 017</b>            ø 5 straight row spacing 15x15            Opening rate of 8.7%            Available thickness 1.5-3.0</p>	 <p><b>ACEBOND 018</b>            ø 5 straight row spacing 16x16            Opening rate of 7.6%            Available thickness 1.5-3.0</p>	 <p><b>ACEBOND 019</b>            ø 5 straight row spacing 16x8            Opening rate of 15.3%            Available thickness 1.5-2.5</p>	 <p><b>ACEBOND 020</b>            ø 5 straight row spacing 20x10            Opening rate of 9.8%            Available thickness 1.5-2.5</p>	 <p><b>ACEBOND 021</b>            ø 6 straight row spacing 10x10            Opening rate of 28.2%            Available thickness 0.8-1.5</p>
 <p><b>ACEBOND 022</b>            ø 6 straight row spacing 12x12            Opening rate of 19.6%            Available thickness 1.5-2.0</p>	 <p><b>ACEBOND 023</b>            ø 8 straight row spacing 15x15            Opening rate of 11%            Available thickness 1.5-2.0</p>	 <p><b>ACEBOND 024</b>            ø 8 straight row spacing 16x16            Opening rate of 11%            Available thickness 1.5-2.0</p>	 <p><b>ACEBOND 025</b>            ø 8 straight row spacing 16x8            Opening rate of 22%            Available thickness 1.5-2.0</p>	 <p><b>ACEBOND 026</b>            ø 7 straight row spacing 50x25            Opening rate of 3.3%            Available thickness 0.8-1.5</p>	 <p><b>ACEBOND 027</b>            ø 8 straight row spacing 15x15            Opening rate of 22.3%            Available thickness 1.5-2.5</p>	 <p><b>ACEBOND 028</b>            ø 8 straight row spacing 16x16            Opening rate of 19.6%            Available thickness 1.5-2.5</p>
 <p><b>ACEBOND 029</b>            ø 10 straight row spacing 20x20            Opening rate of 19.6%            Available thickness 1.5-2.0</p>	 <p><b>ACEBOND 030</b>            ø 12 straight row spacing 24x24            Opening rate of 19.6%            Available thickness 1.5-2.0</p>	 <p><b>ACEBOND 031</b>            ø 15 straight row spacing 30x30            Opening rate of 19.6%            Available thickness 1.5-2.5</p>	 <p><b>ACEBOND 032</b>            ø 20 straight row spacing 40x40            Opening rate of 19.6%            Available thickness 1.5-2.5</p>	 <p><b>ACEBOND 033</b>            ø 20 straight row spacing 60x60            Opening rate of 8.7%            Available thickness 1.5-2.5</p>	 <p><b>ACEBOND 034</b>            ø 25 straight row spacing 36x36            Opening rate of 37.8%            Available thickness 1.5-3.0</p>	 <p><b>ACEBOND 035</b>            ø 30 straight row spacing 50x50            Opening rate of 28.2%            Available thickness 1.5-3.0</p>
 <p><b>ACEBOND 036</b>            6x6 vertical spacing of 16x16 square hole            Opening rate of 14%            Available thickness 0.8-2.0</p>	 <p><b>ACEBOND 037</b>            30x5 rounded hole            Full hole spacing 40x15            Opening rate of 22%            Available thickness 0.8-2.0</p>	 <p><b>ACEBOND 038</b>            40x5 rounded hole            Full hole spacing 50x10            Opening rate of 4%            Available thickness 0.8-3.0</p>	 <p><b>ACEBOND 039</b>            53x11 olive-shaped hole            Full hole spacing 74x18            Opening rate of 35%            Available thickness 0.8-2.0</p>	 <p><b>ACEBOND 040</b>            20x24 flower-shaped hole            straight row spacing 25x30            Opening rate of 25%            Available thickness 1.5-3.0</p>	 <p><b>ACEBOND 041</b>            21x4 20x9 rectangular hole            straight row spacing            Opening rate of 32%            Available thickness 0.8-1.5</p>	 <p><b>ACEBOND 042</b>            21x4 28x9 rectangular hole straight row spacing            Opening rate of 16%            Available thickness 0.8-1.5</p>
 <p><b>ACEBOND 043</b>            Ling-shaped hole 15x15            26x26 straight row spacing            Opening rate of 49%            Available thickness 0.8-2.0</p>	 <p><b>ACEBOND 044</b>            4x4 8x8 square hole straight row spacing            Opening rate of 25%            Available thickness 0.8-2.0</p>	 <p><b>ACEBOND 045</b>            20x20 30x30 square hole            Straight row spacing            Opening rate of 44%            Available thickness 1.5-3.0</p>	 <p><b>ACEBOND 046</b>            8x8 square hole            Straight row spacing 20x20            Opening rate of 18%            Available thickness 1.0-2.0</p>	 <p><b>ACEBOND 047</b>            Outer diameter of 34 hexagonal hole            Full hole spacing 104x52            Opening rate of 13%            Available thickness 1.5-3.0</p>	 <p><b>ACEBOND 048</b>            40x5 rounded vertical hole spacing 50x10            Opening rate of 8%            Available thickness 1.5-3.0</p>	 <p><b>ACEBOND 049</b>            ø 40 straight row spacing 70x35            Opening rate of 28.2%            Available thickness 1.5-3.0</p>



# ACEBOND

## Meshed Aluminum Panel

### Introduction

The Aluminum meshed panel gives us an open and transparent vision; it is a unique visual ceiling system which can be used for a variety of construction. There are wide ranges of choice in style, materials and colors, which can ensure each project has a unique look.

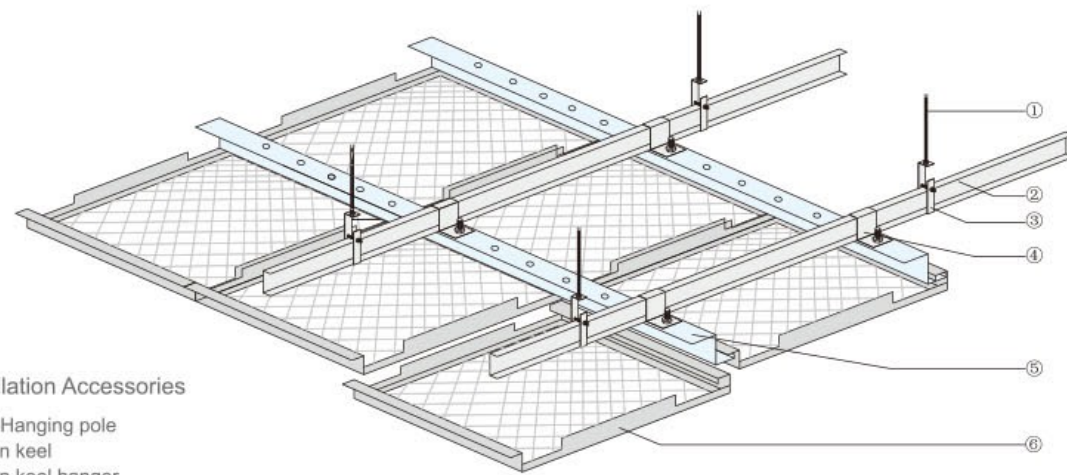
We make out the diamond mesh through special processing technology while cutting and stretching. Not only the shape and direction, but also the changes of light and colors will make the ceilings more dynamic. We have so many different mesh types and materials, so that the ceiling design become more personalized and fashionable.

It is can be used at subway, airport, station, channels, modern shopping mall, exhibition centers.



Angle code type

Hook-On type

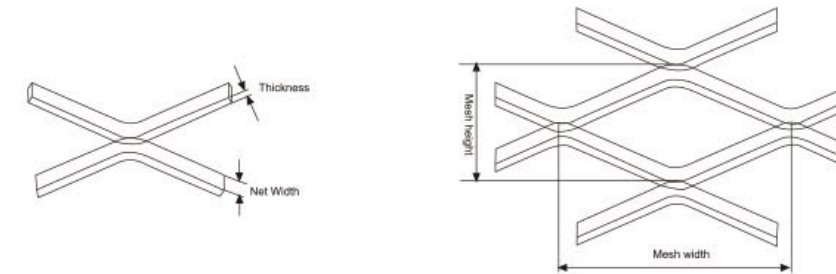


#### Installation Accessories

- ① M8 Hanging pole
- ② Main keel
- ③ Main keel hanger
- ④ Hook-on type Keel hanger
- ⑤ Hook-on type Keel
- ⑥ Meshed aluminum panel

Hook-on Type Installation Drawing

Material	Aluminum alloy.
Surface Finish	Polyester powder coating, PE, PVDF spray painting
Color	A wide range of color, custom colors are also available
Flame/Corrosion resistance	Non-combustible, Moisture and Corrosion Resistance



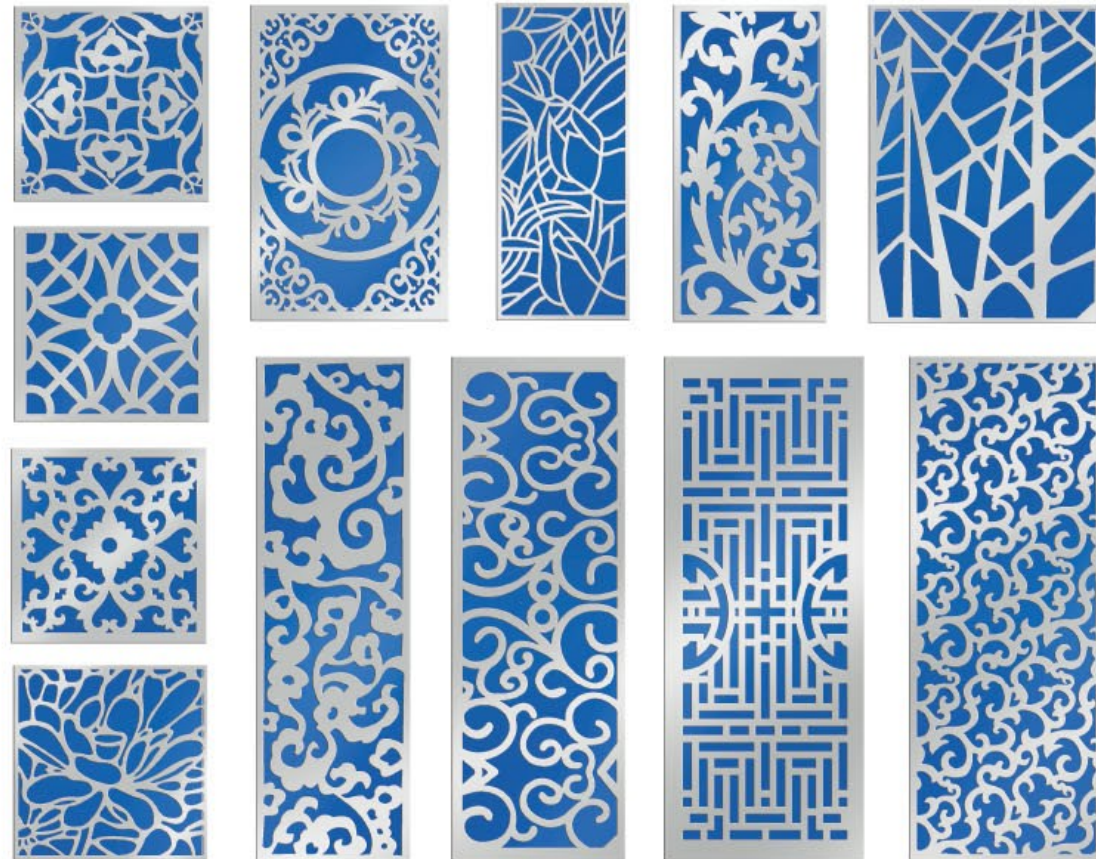
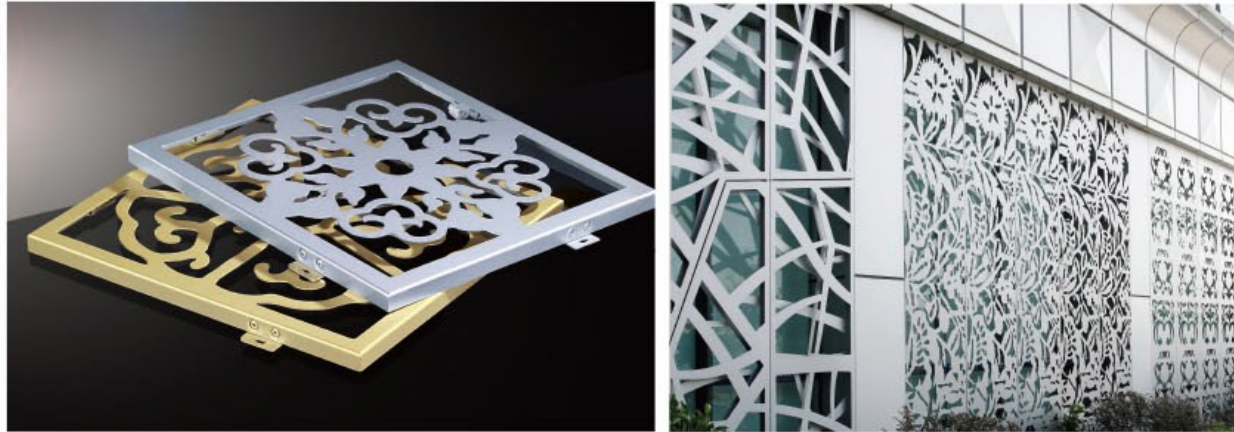
# ACEBOND

## Carved Aluminum Panel

### ■ Introduction

The thickness of carved aluminum panel is decided by the panel size and the height of the building. The thickness we used mostly is from 1-3mm, it is so easy to be processed into various kinds of sizes and patterns. The carved panel mainly use CNC laser engraving equipment, it is can be made into different ceilings, curtain wall, the hollow pattern of column cover, according to different requirements.

With the rapid development of building design, more and more large buildings begin to use carved aluminum panel. It's main features is it turn the designer's program to be vivid.



# ACEBOND

## Aluminum Honeycomb Panel

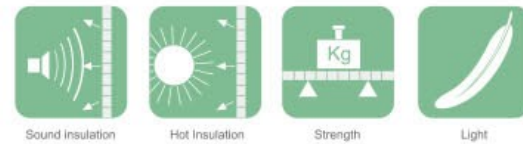


### Introduction

Curtain wall aluminum honeycomb panels of brand are mainly used for the decoration of the external walls of high-rises. These products are made of high-quality imported raw materials, and processed with high precision. Its surface employs the advanced technique of fluorocarbon lacquer pre-coil coating, which can keep the color unchanged for 15 years. The company has adopted hi-component polymeric epoxide membrane and bi-component modified epoxy resins and has used fully automatic compound manufacturing facilities of honeycomb panels to compound under pressurized high temperature through completely closed and dust-free operation, which makes the honeycomb pannels stickier, more bending resistant, straighter, and thus steadier and more reliable in quality. All kinds of alloyed honeycomb panels, such as curl panels, folded panels and trapezoidalpanels, can be fabricated according to the requirements of architectural design. All the alloyed panels with non-planar surfaces, such as circular arc, L shaped and U shaped, are produced by one -step forming with dies. Products of the same type adopt the same coil coating aluminum rollers, thus nochromatic aberration will occur. It is a kind of organic and environmentally protective decorative material with high quality, light, high intensity and magnificent appearance.

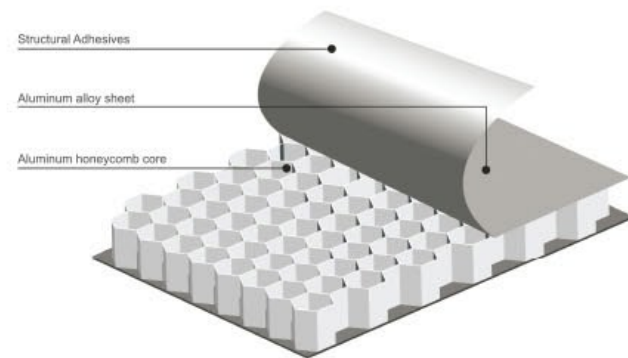


Aluminum honeycomb panels using composite honeycomb structure, hot-pressed composite molding from the front and back panels of the box-shaped preforms with aluminum honeycomb core. Selection of high-quality 3003H24 aluminum alloy, 5052AH14 of high manganese alloy aluminum as base material; Surface panel thickness 0.5 ~ 1.5mm fluorocarbon roll coating board, back panel thickness of 0.5 ~ 1.0mm; core material using hexagonal 3003 aluminum honeycomb core material, thickness of the aluminum foil 0.04 ~ 0.06mm, side length of 5 ~ 6mm.



Main Features

- (1) light weight, high strength, stiffness, structural stability, wind pressure resistance
- (2) sound and heat insulation, fire protection, anti-shock function to highlight
- (3) surface has a remarkable flatness of color diversification
- (4) decorative, easy installation, fast



### Product raw materials

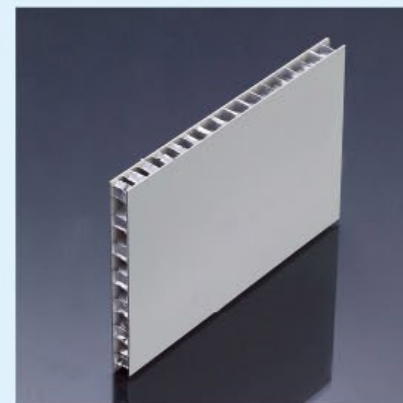
- Surface material: aluminum alloy, stone (marble or granite)
- The board: USES the high quality A3003H24 alloy plates, or USES the high quality aluminium zinc steel plates.
- Aluminium honeycomb: for air industry standard.
- Adhesive: using special adhesive, microcomputer control mixing spray adhesive system spraying.
- Embed screw inspection: the special double adhesive filling.

### Technology parameters

- Bending strength: 17.9Mpa
- Compression strength: 1.33Mpa
- Tensile shear strength: 0.6Mpa
- Thickness deviation:  $\pm 0.5\text{mm}$
- Flatness deviation:  $\pm 1.0\text{mm}$
- Every volume: 32dB

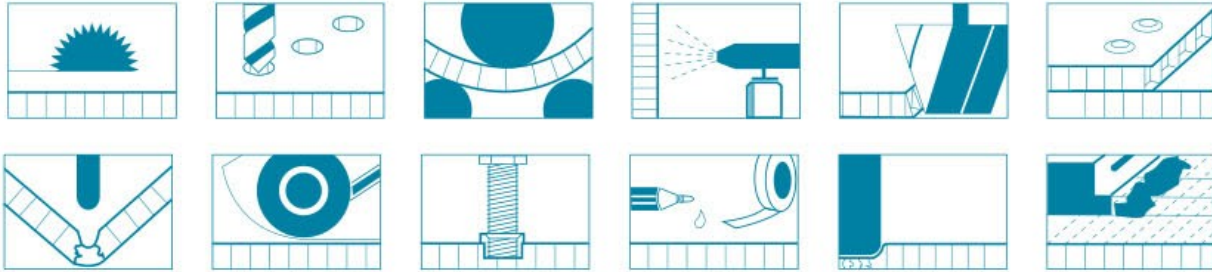
### Product features

- Light weight: standard panel per square meter weights only 16Kg, and 6mm thick glass quite, is only 1/50 of the weight of stone material with thickness.
- Impact resistance: resistance to impact strength than 3cm thick granite big 10times.
- Various size: standard panel size 1200x2400mm, according to actual situation and provide all kinds of size specification panel.
- High strength: after acid freeze-thaw test (a35°C~80°C) cycle 120 times, not the strength of reduced.
- Convenient installation, costs less insulation, heat insulation effect is good.



## Processing

Cutting, groove-opening, pressure to be bended, roll to be bended (attached picture A)



## Product Characteristic

### Light weight

With the same rigidity, aluminum only weighs 1/5 of the aluminum sheet and 1/10 of the steel plate. And its rigidity is about 2 times higher than the aluminum panel's, which compares with that of the 4mm thick aluminum veneer. The cost performance is obviously higher than the aluminum veneer, so that it can save the material effectively.

### Not easily broken

Because of the fully isolation among every honeycomb of honeycomb core, the product has the advantage of strong impact resistance and anti-circle intensity. It not only keeps the beautiful looking of natural stone, but also overcome the weakness of easily broken, fragile and heavy of the natural stone.

### Sound insulation

Every honeycomb core is totally separated from each other which can stop the air flow as well as the sound wave. Therefore, AHP has good performance in sound insulation.

### High rigidity, excellent flatness

Because of the fully isolation among every honeycomb of honeycomb core, the product has the advantage of strong impact resistance and anti-circle intensity. It not only keeps the beautiful looking of natural stone, but also overcome the weakness of easily broken, fragile and heavy of the natural stone. Its rigidity is far greater than other board material of the same thickness.

### Economical in material and environment-Friendly

With the same rigidity, aluminum only weighs 1/5 of the aluminum sheet and 1/10 of the steel plate. And its rigidity is about 2 times higher than the aluminum panel's which compares with that of the 4mm thick aluminum veneer, the cost performance is obviously higher than the aluminum veneer, so that it can save the material effectively. Not only the use of material decreases, but also the material can be recycled after use. It is indeed energy-efficient and environment-friendly.

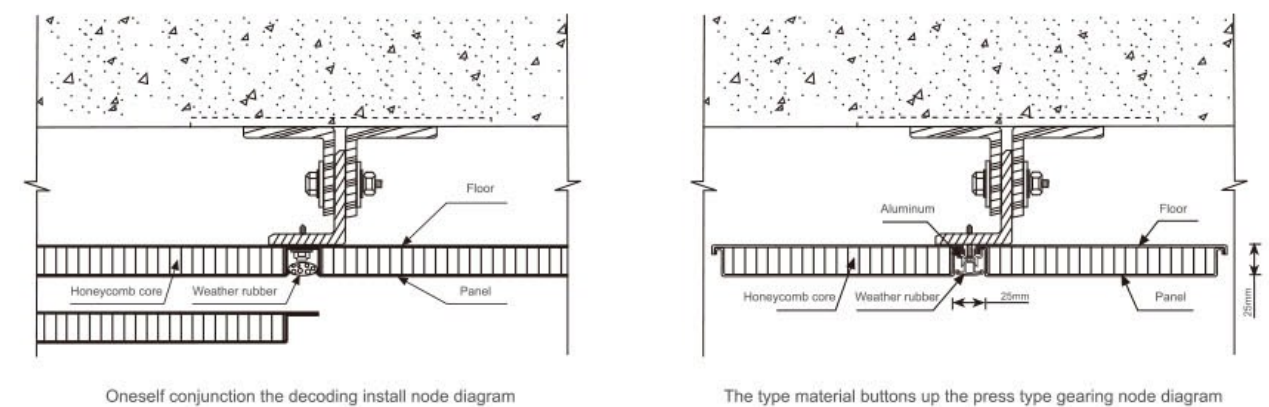
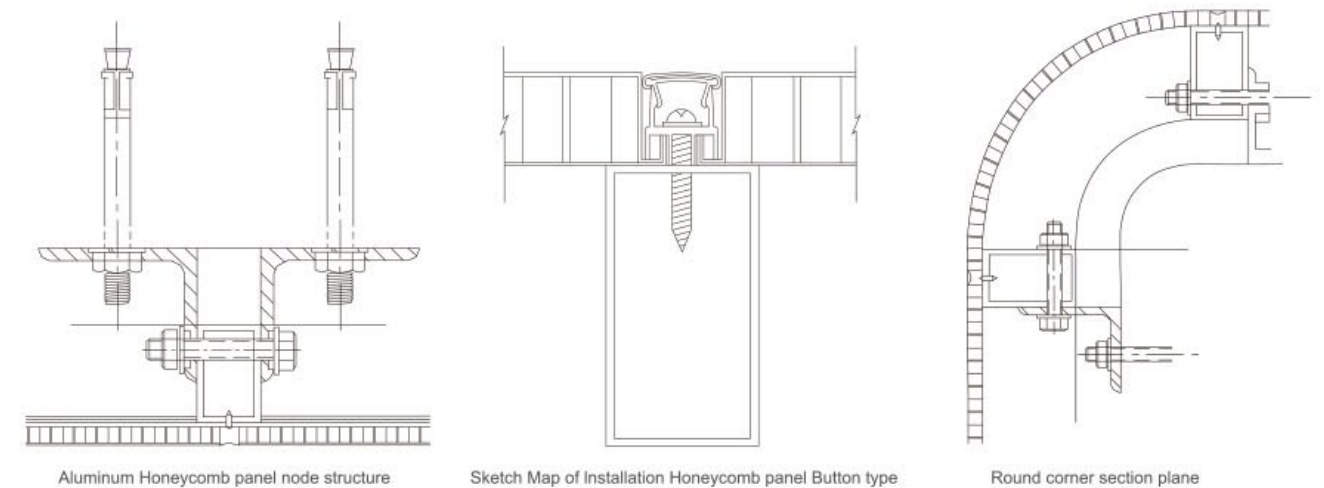
### Flat in a long size

APH can keep perfectly flat in a long size as each honeycomb is fully separated from each other and tightly connected one by one.

### Heat insulation, fire proofing

Every honeycomb core is totally separated from each other which can stop the air flow as well as the sound wave. Therefore, AHP has good performance in warm reservation, heat insulation and fire proofing. It is a kind of excellent thermal material.

## Joins And Points Of Honeycomb Planking



## Aluminum Honeycomb Panel

### Technologic function of aluminum honeycomb Planking target

Thickness	20	25mm
Front al-planking		1.00mm
Back al-planking		1.00mm
Weight (kg/m <sup>2</sup> )	7.4	7.8
<b>Mechanics function of complex planking and surface planking</b>		
Inertia rectangle I(cm <sup>4</sup> /m)	19.85	31.67
Measurement of cutting W(cm <sup>2</sup> /m)	19	24
Hardness of complex planking E.I (KN cm <sup>2</sup> /m)	139000	2217000
Aluminum profile surface planking	AA 5754A(ALMg3)	
Changeable measurement (N/mm <sup>2</sup> )	70000	
Pull-protecting strength of surface planking (N/mm <sup>2</sup> )	Rm ≥ 220	
0.2%Power of bending (N/mm <sup>2</sup> )	Rp0.2 ≥ 130	
Extending rate (EN485-2:1994)	A50 ≥ 8	
Hot expanding of aluminum materials	2.4mm/m	When the temperature discrepancy is 100°C
<b>Surface decoration layer</b>		
PVDF Spray and bake paint		
Luminosity (original Data)	30-40%	
Hardness of pencil	HB-F	
<b>Pith of honeycomb</b>		
Size of honeycomb	1/4"(6.3mm)	
Weight standing of aluminum materials	大约80kg/m <sup>3</sup> It is about 80kg/m <sup>3</sup>	
Strength of pressure-resistant (MIL-STD-401)	4 N/mm <sup>2</sup>	
<b>Function of acoustics</b>		
Data of sound sucking As	0.05	
Indicator of sound separating	According to ISO717-Rw	23 25
<b>Function of heating</b>		
Data of heating guiding λ (W/M <sup>2</sup> K)	2.25	2.7
Data of heating preventing R(1/m) (m <sup>2</sup> k/w)	0.0089	0.0093
Data of heating passing U(k) (w/m <sup>2</sup> k)	5.59	5.575

For complex planking, the data of heat passing "enter" depend on the thickness of planking

## Aluminum Corrugated Panel

### Introduction

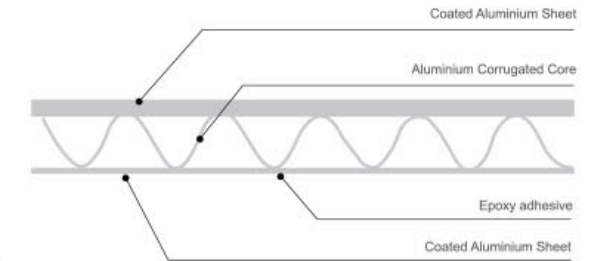
The Aluminum corrugated panel has the good strength, stiffness and excellent flatness, and it is the best arc panel material. The corrugated panel is composed of 1.0-1.2 aluminum surface, and corrugated aluminum material for the back. This panel can better satisfy the special design requirements from the designer, which is widely used in the theatres, exhibition hall, etc.

### Characteristic:

- Smooth surface, not easy to be deformed.
- Good surface treatment, easy to clean.
- Various colors. Solid color, metallic color, wooden/stone color also included.
- Light weight, high peel strength, excellent weatherproof.
- Excellent sound-proof, heat-proof.
- Fireproof standard: A standard

### Application:

Interior and exterior curtain wall decoration, partition panel, ceiling, display boards, direction boards, advertising boards, shop decoration.

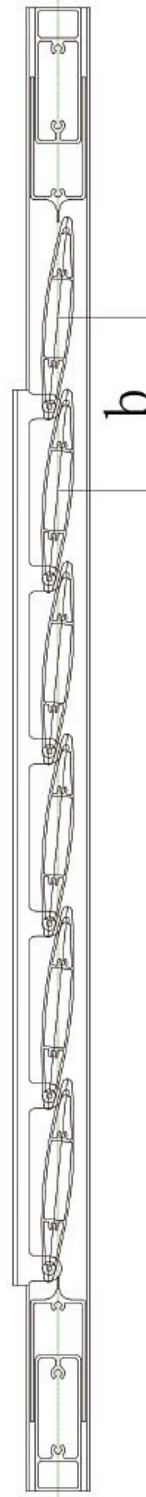


# ACEBOND

## Aluminum Louver



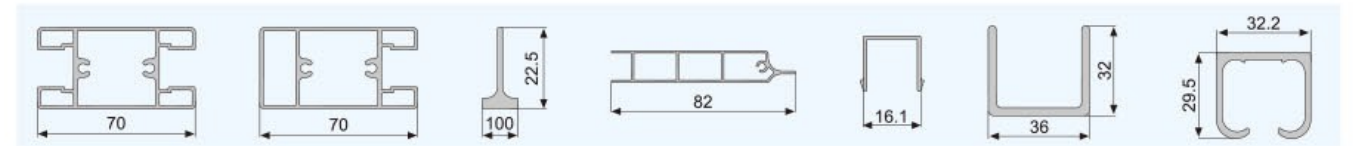
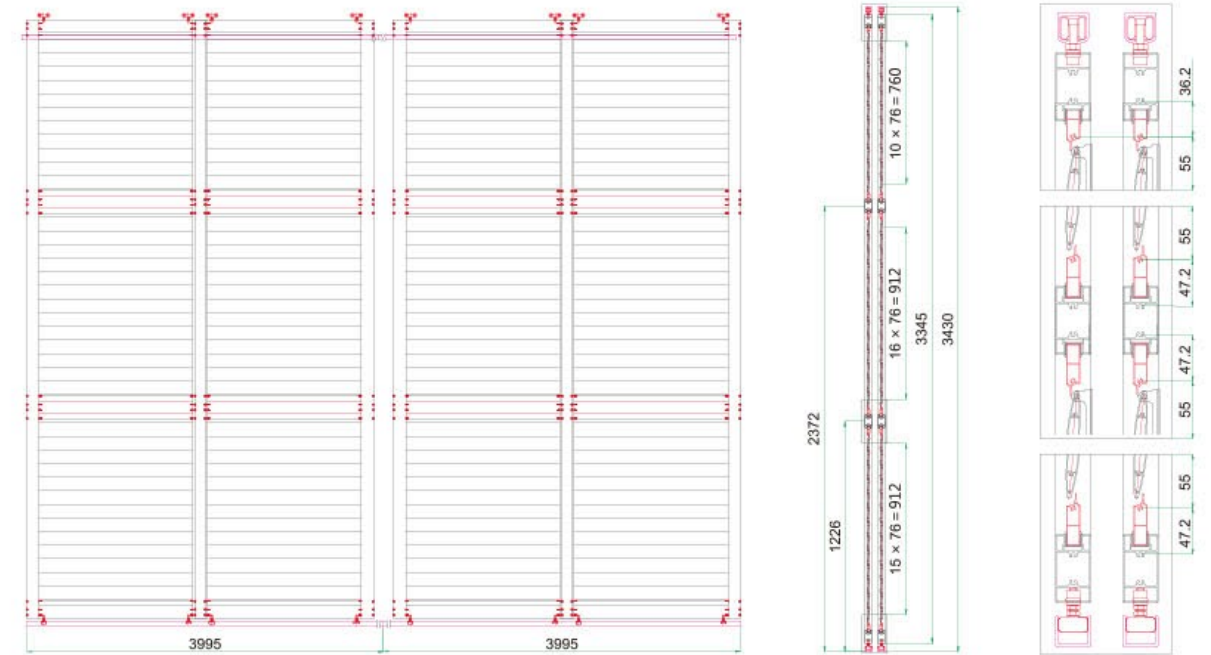
### Movable Leaf Push-pull Window



### Four Push-pull Screens With Double Rails



Operable Oval Blades	Spacing b	Side Frame N
	53	<p>Left &amp; Right Frame</p> <p>Top &amp; Bottom Rail</p>
	76	<p>Middle Rail(H ≥ 1800)</p> <p>Bottom Rail</p>
	100	



# ACEBOND

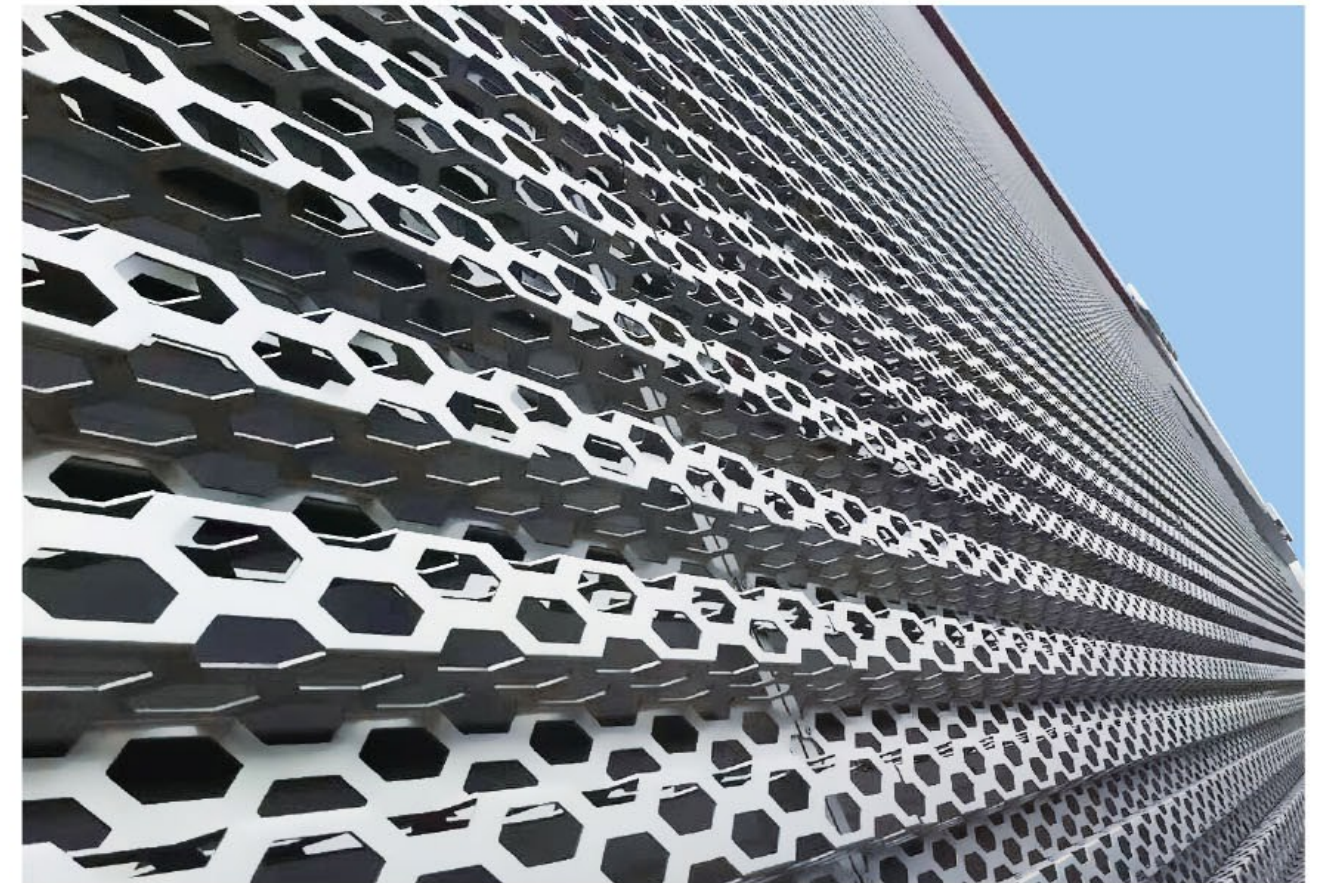
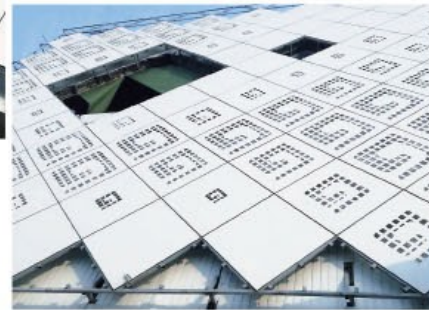


Tianjin Metro Station





Dordoi City Shopping Mall Bishkek city, Kyrgyxt



AUDI 4S SHOP





Mgc Project Yangon, Myanmar



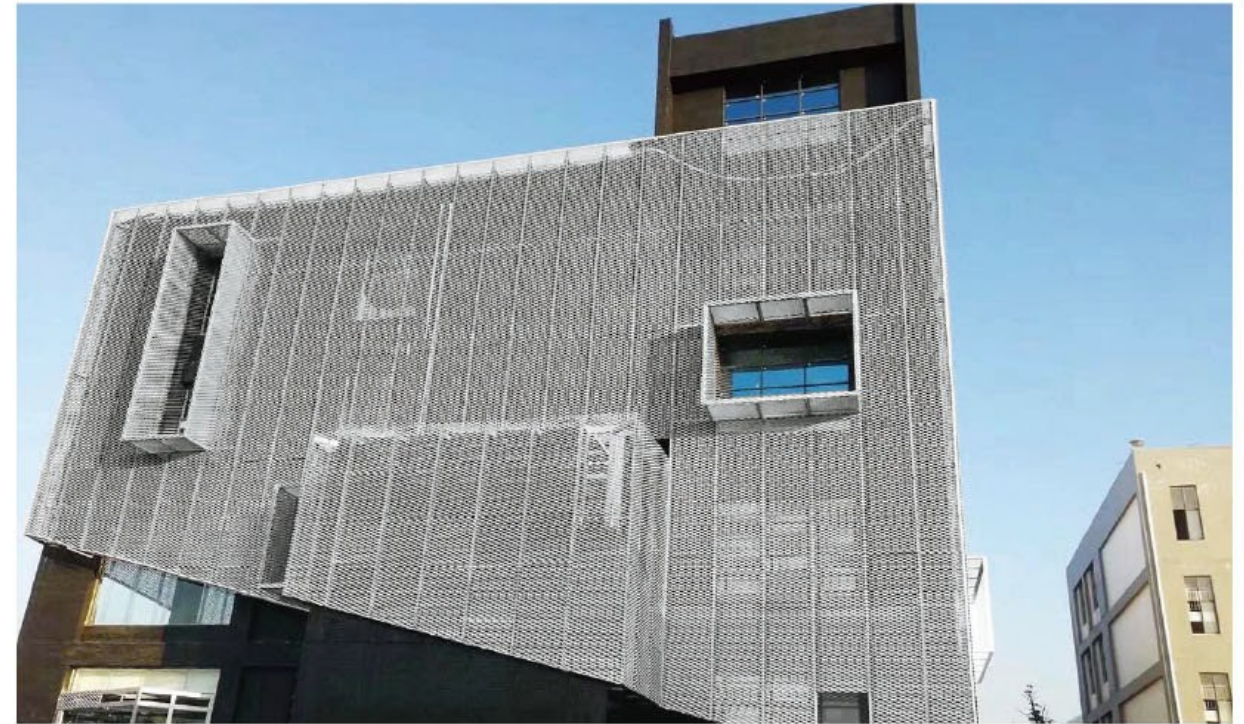
Bendat family comprehensive cancer center

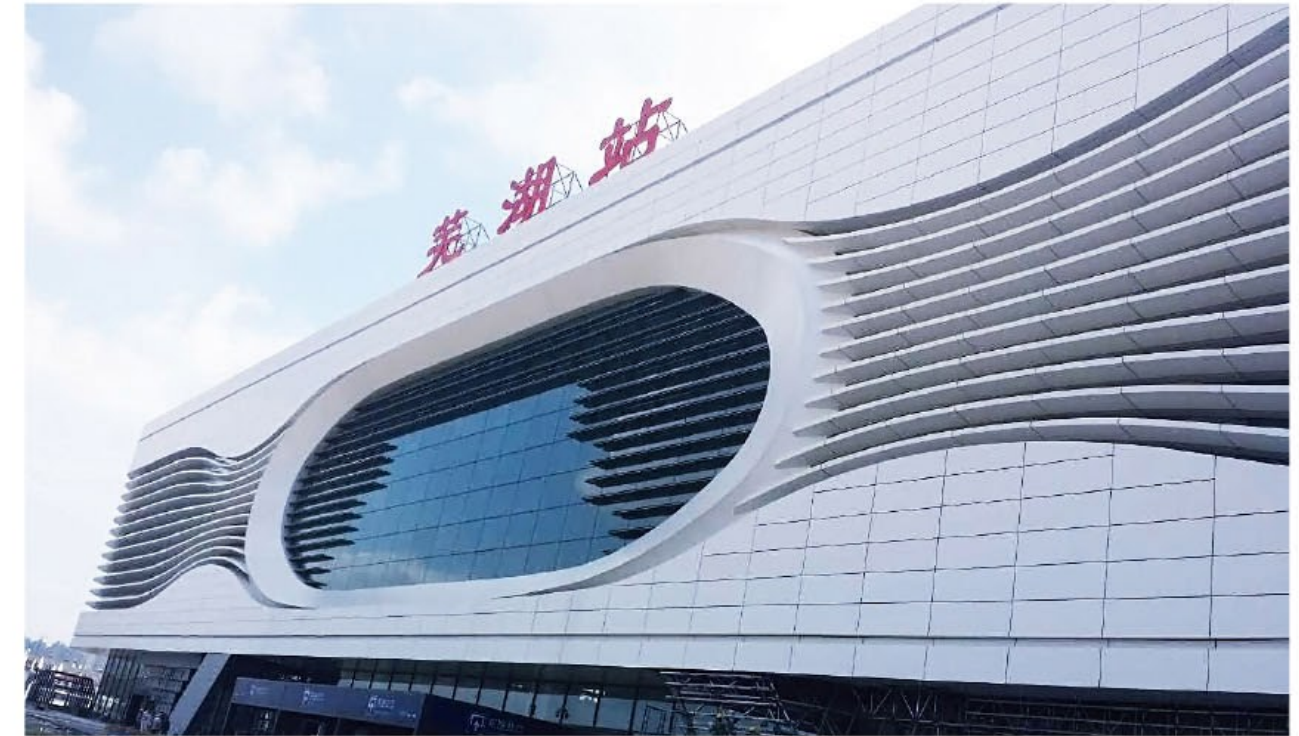


northern cancer support center



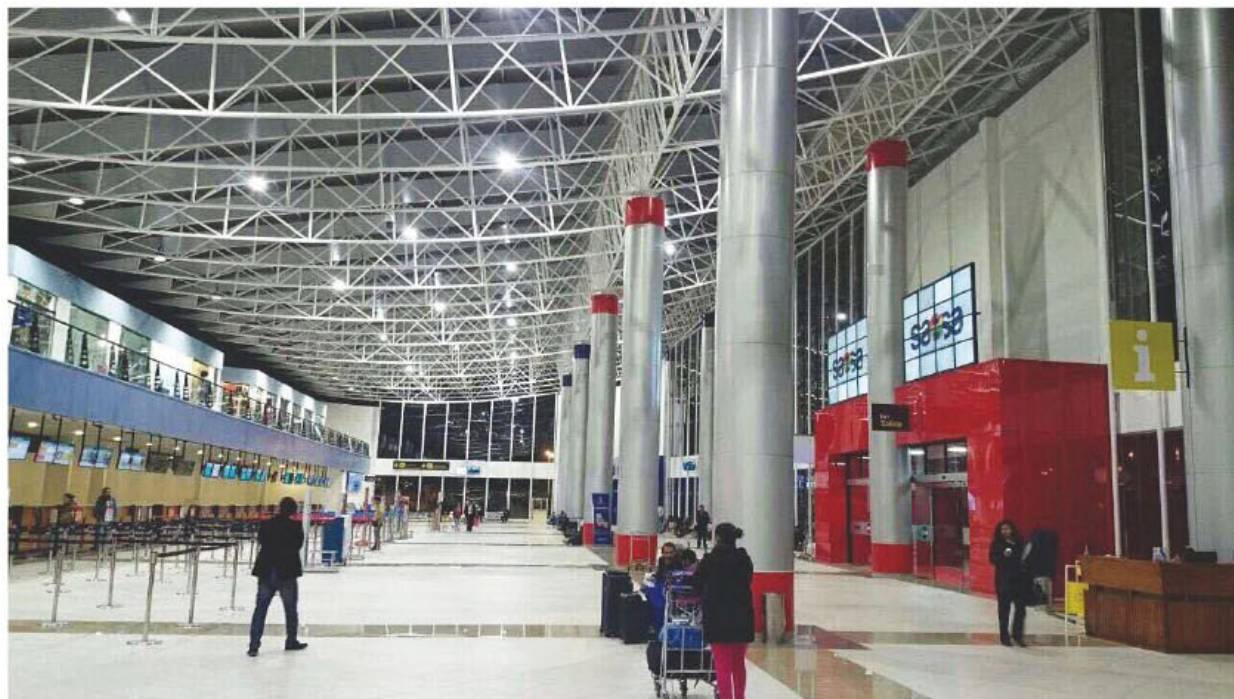
Singapore Metro Station





Yangon International Airport

Wuhu Hing Speed Railway Station



EL ALTO International Airport

