





DESCRIPTION

In the big and high buildings, there must be many concrete columns to support the whole construction, and then people often use marble to cover and decorate the columns before. The marble is beautiful but its defects become more and more clear nowadays. For example, it's rather heavy and hard to proceed into different shapes or styles, which limit modern architects' idea and design scheme. Therefore, Ballesta® metal column coverings made from aluminum, steel and stainless steel are created recently. Metal column covering is much lighter than marble one, reducing the building load, as well as recyclable & environmental-friendly. What's more, it's much easier to make into different shapes, and designs or patterns on it. After perforating round holes, square holes, diamond holes, or art holes to make an original image, you can stick acrylic sheet behind metal column covering, and then use lights to map a peculiar pattern that would look impressive and amazing.

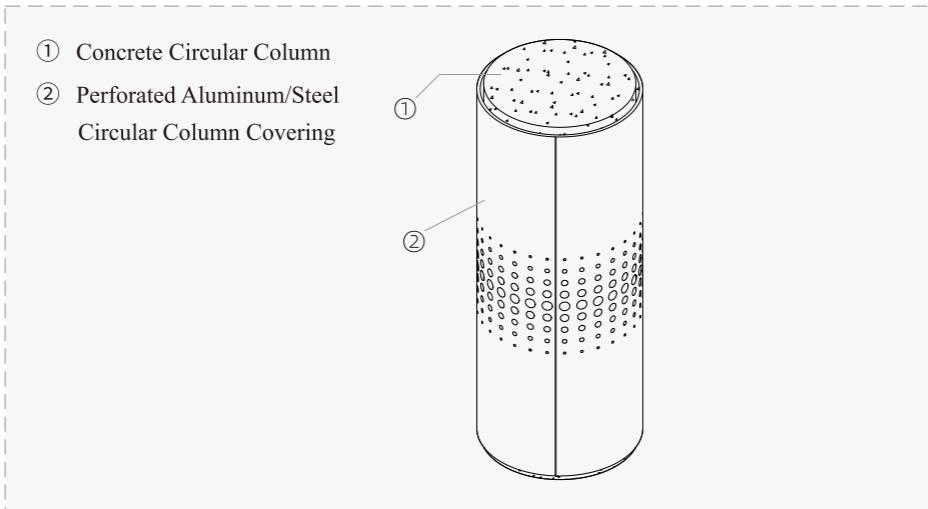
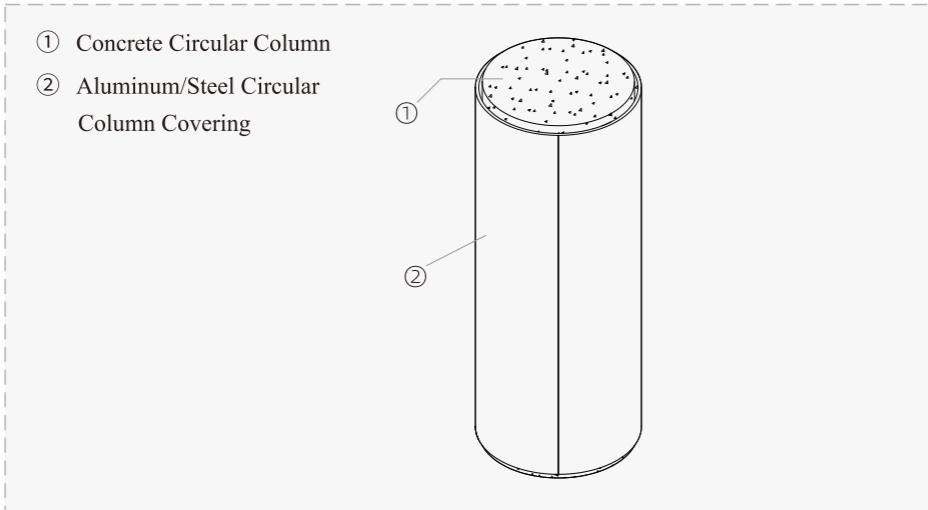
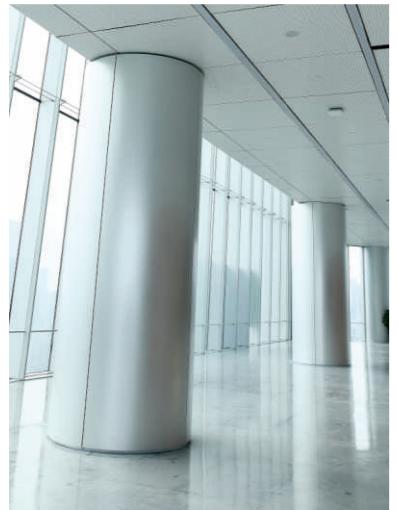
Especially in the lobby, metal column coverings originally designed with special colors, patterns or nice surface treatment will catch many people's eyes, and highlight the design philosophy of whole building.



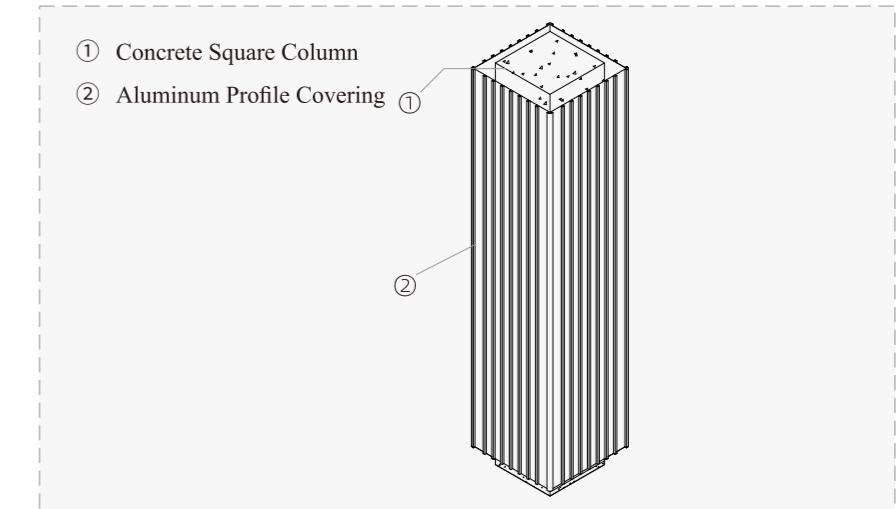
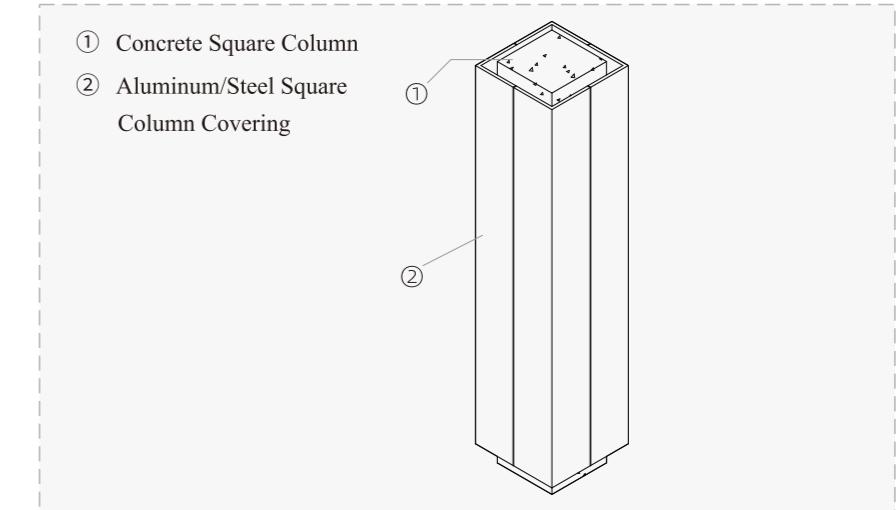
China A1



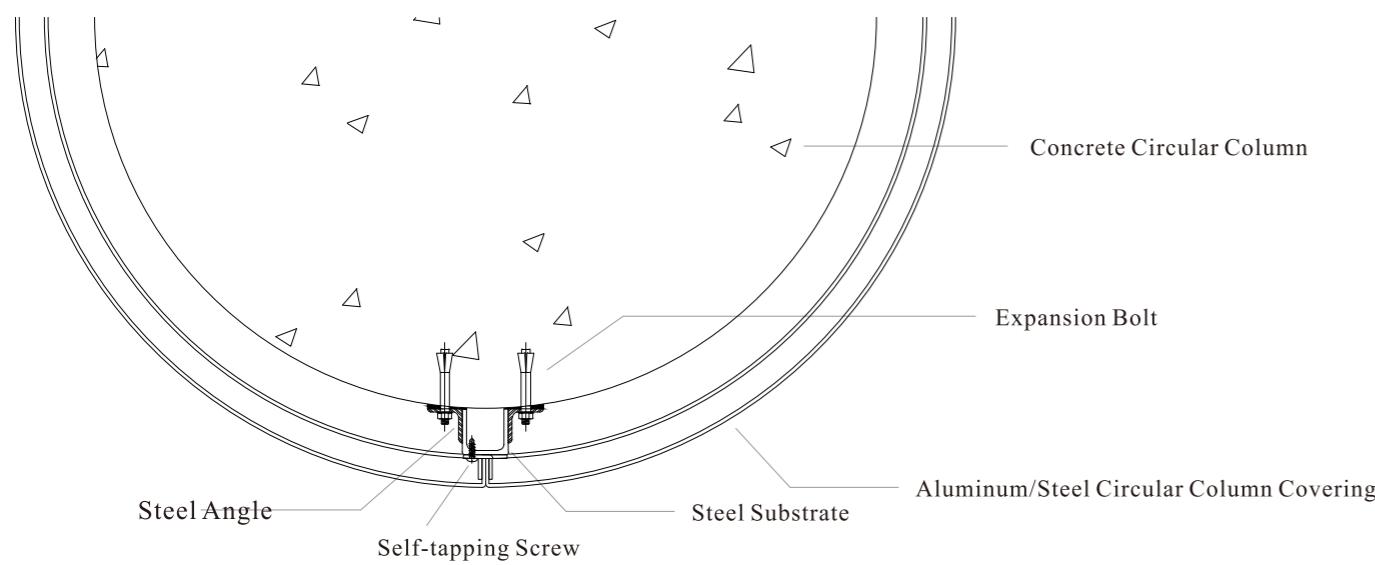
CONSTRUCTION SYSTEM



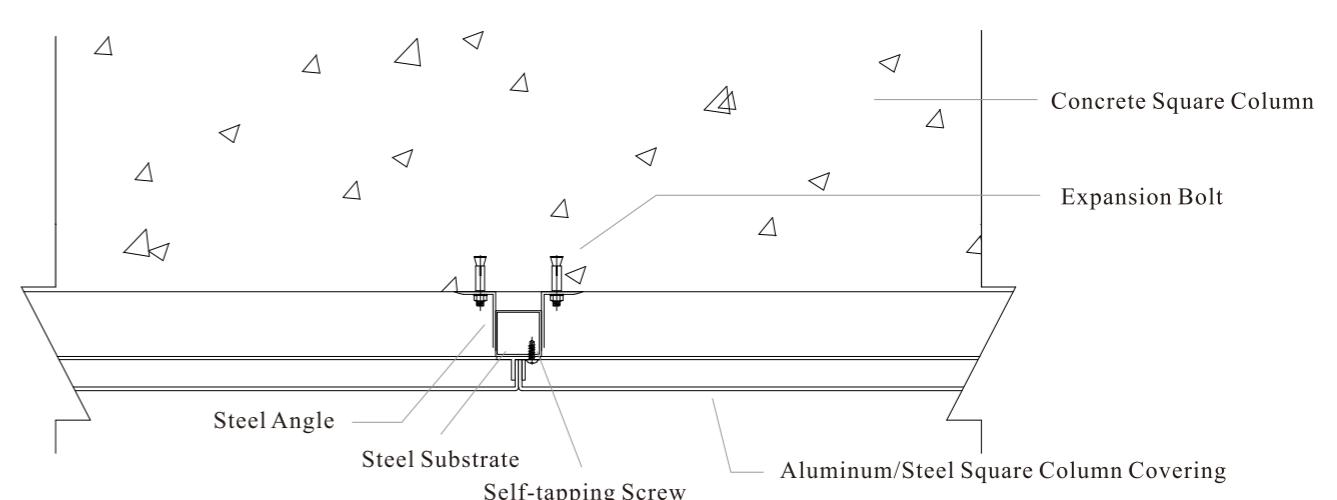
CONSTRUCTION SYSTEM



SECTIONAL VIEW



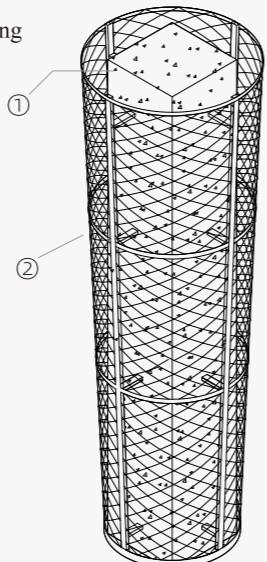
SECTIONAL VIEW



CONSTRUCTION SYSTEM



- ① Concrete Column
- ② Steel Mesh Column Covering



PRODUCT DATA

Material:

Aluminum Solid Panel, Aluminum/Steel Honeycomb Panel, Steel Plate, Stainless Steel Plate, Aluminum Profile, Steel Mesh

Normal Sizes:

Thickness: Aluminum Alloy 1.0 - 4.0mm, Galvanized Steel 0.6 - 1.5mm, Stainless Steel 0.6 - 1.5mm

Circular Column

Radius: 250 - 750mm

Height of Whole Column: 2800 - 13000mm

Height of Each Section: 1000 - 4000mm

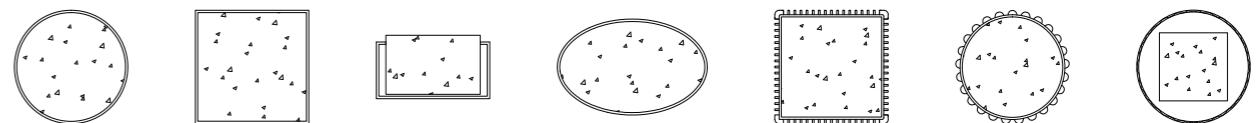
Square Column

Width: 500 - 1200mm

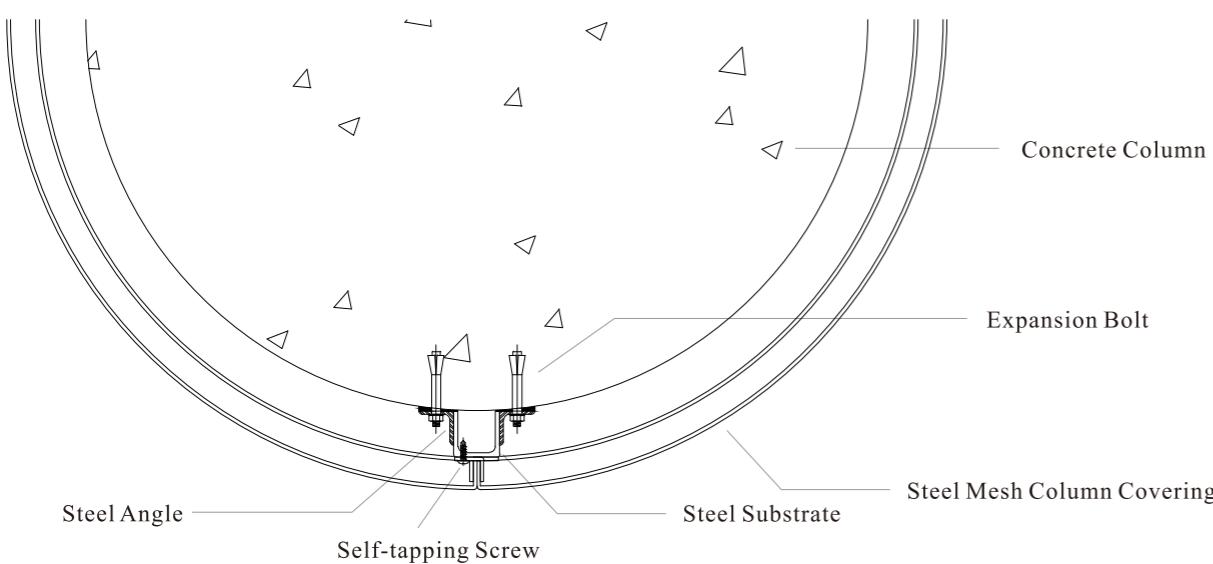
Height of Whole Column: 2800 - 13000mm

Height of Each Section: 1000 - 4000mm

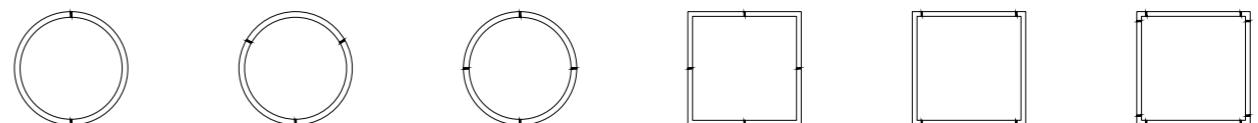
COLUMN TYPES/SHAPES



SECTIONAL VIEW

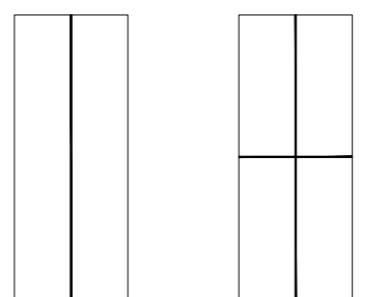


PLAN SECTIONS

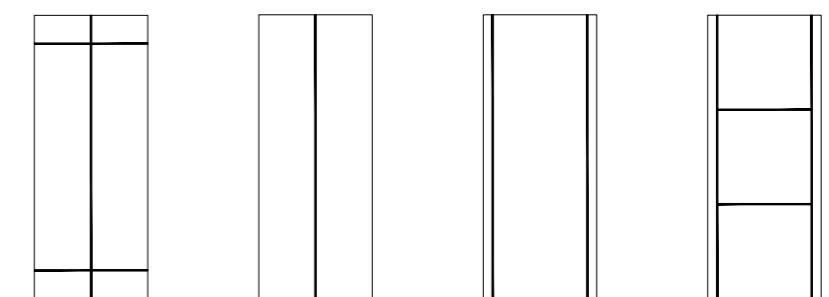


VERTICAL SECTIONS

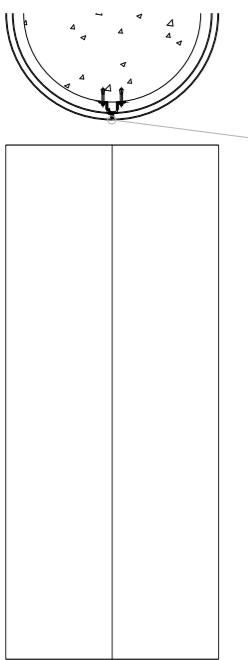
Circular Column



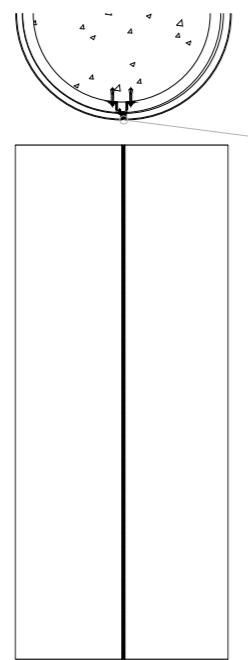
Square Column



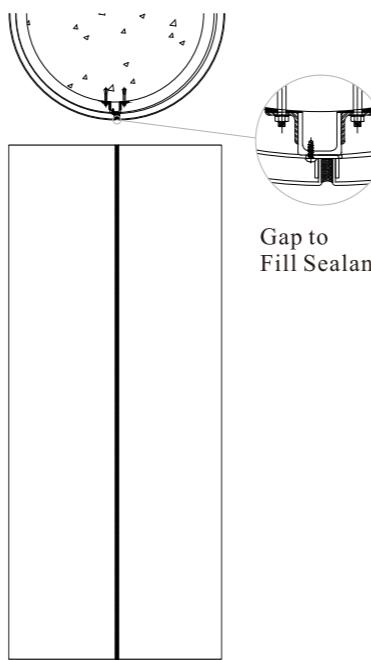
GAP SOLUTIONS



Close Joint



Gap with
Rubber Strip

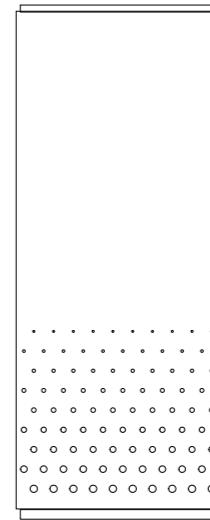


Gap to
Fill Sealant

COLUMN SURFACE PATTERN



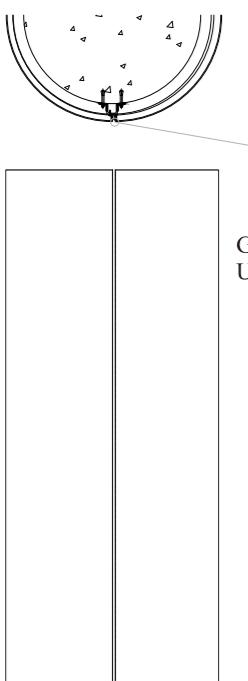
Plain



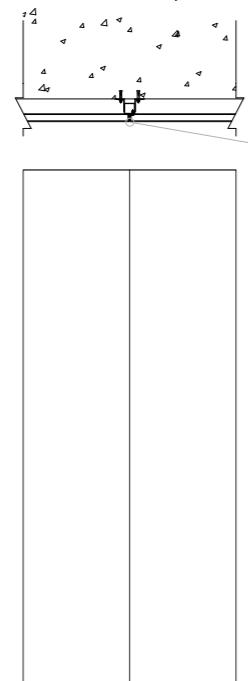
Perforated



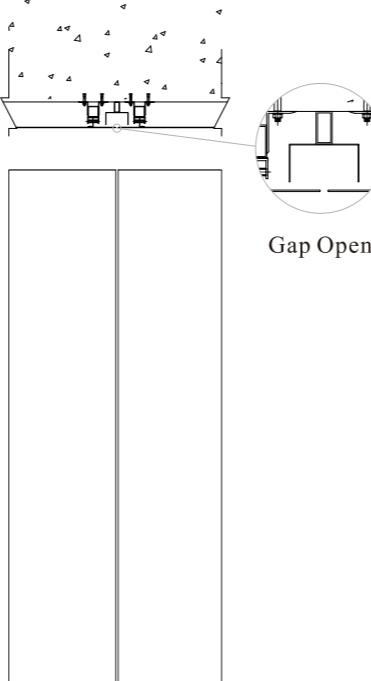
Interior Film



Gap with
U-channel Strip



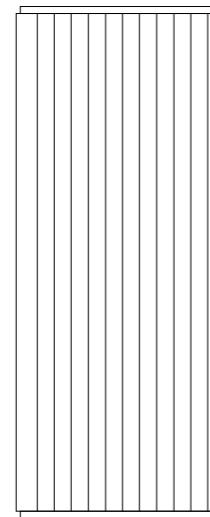
Close Joint



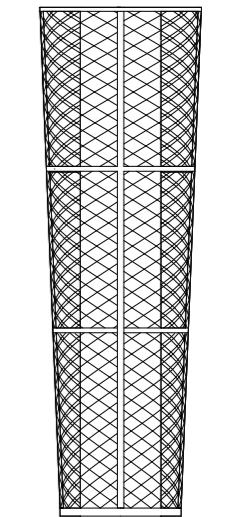
Gap Open



Picture Printing



Aluminum Profile



Steel Mesh

SURFACE TREATMENT

Powder Coating



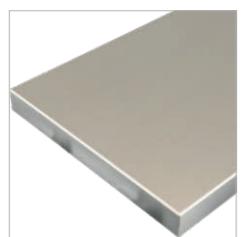
PE/PVDF Painting



PE/PVDF Pre-coated



Anodizing



Interior Film



Heat Transfer Printing



Picture Printing



Enamel Paint



Baking Enamel



COLORS

Various colors and shadows as below for choice, and customized colors are available too.
(Due to printing limitation, color may vary from actual product)

STANDARD COLORS



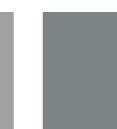
RAL9016
Traffic White



RAL9010
Pure White



RAL9006
White Aluminum



RAL7046
Telegrey 2



RAL9005
Jet Black



More RAL Colors

SPECIAL COLORS



Granite Vein



Brushed



3D Printing

WOOD GRAIN (Interior Film, Heat Transfer, Wood Veneer)



TOP M01



TOP M02



TOP M03



TOP M04



TOP M05



TOP M06



TOP M07

ANODIZING



TOP Y01



TOP Y02



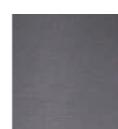
TOP Y03



TOP Y04



TOP Y05

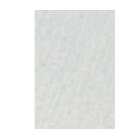


TOP Y06



TOP Y07

SPECTRA



TOP H01



TOP H02



TOP H03



TOP H04



TOP YH05



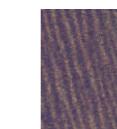
TOP H06



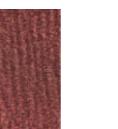
TOP H07



TOP H08



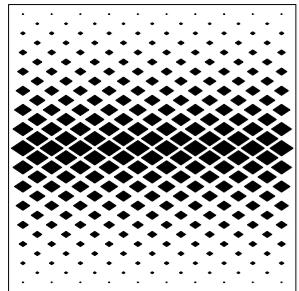
TOP H09



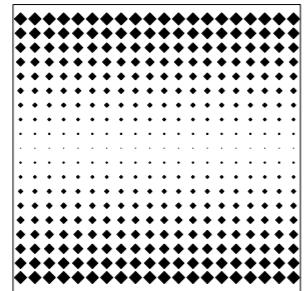
TOP H010

	Powder Coating	PE/PVDF Painting	PE/PVDF Pre-coated	Anodizing	Interior Film	Heat Transfer Printing	Picture Printing	Enamel Paint	Baking Enamel
Aluminum Solid Panel	✓	✓		✓	✓	✓	✓	✓	
Aluminum/Steel Honeycomb Panel			✓	✓	✓		✓	✓	
Steel Plate	✓	✓			✓	✓			✓
Stainless Steel Plate									
Steel Mesh	✓	✓							

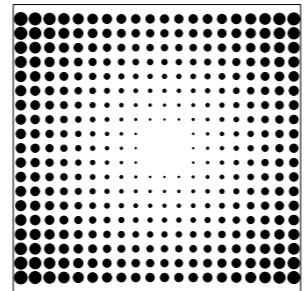
PERFORATION TYPES



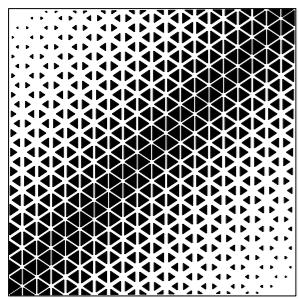
Diamond Gradient 01



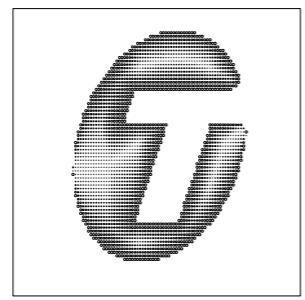
Diamond Gradient 02



Round Gradient



Triangle Gradient

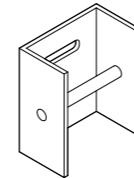


Art Perforation 01



Art Perforation 02

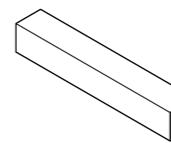
ACCESSORIES



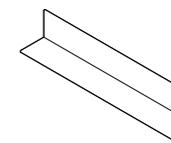
Bracket
Material: Galvanized Steel



Hanger
Material: Galvanized Steel



Square Steel (As Substrate)
Material: Galvanized Steel



Steel Angle
Material: Galvanized Steel



U-channel Strip
Material: Galvanized Steel



Flanged Nut
Material: Galvanized Steel
Size: M8

Ballesta® metal columns include plain one and perforated one. You can choose perforated columns with round holes, square holes, diamond holes, art holes or others to achieve a particular decoration. For instance, you can stick acrylic sheet behind perforated columns, and then use lights to map a peculiar image.

And more than this, we can alter perforation size and rate to obtain different sound absorption. No matter in office room, school, library or other public area, the comfort level of acoustics makes an impact to users. Excessive noise does harm to health, communication, safety, productivity and learning focus. Ballesta® acoustic ceiling has a high acoustic performance to reduce noise and then improve indoor comfort.

For different spaces, we've a full set of mature construction system. It's firm & safe, and easy to install.

PROJECT CASES



PROJECT CASES



Ballesta® Aluminum Linear Ceilings have many different types of systems with numerous specifications. No matter which type to use, it gives you a strong sense of continuity and line, with an obvious effect of visual guidance. Various linear heights and spacing distances make the whole ceiling system more open & three-dimensional, which presents modern styles. This type of linear ceilings is strongly adapted to the space no matter big area of public transportation stations, exhibition halls & supermarkets, or small area of office buildings and living houses. Except interior decoration, it also can be widely used for outdoors with special windproof structures.