



# METONE

## Metal Ceilings & Systems



[www.desinos.in](http://www.desinos.in)





## ABOUT US

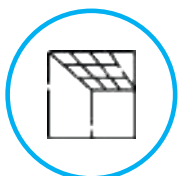
Desinos, incorporated in the year 2007 has been providing false ceiling solutions as business associates with

- ✓ Daiken Corporation Japan
- ✓ CKM Building Products, Taiwan

for India. Since then, we have been marketing their products across the country with extensive dealer network and catering to IT, Financial, Commercial Offices, Academic, Retail and Residential segments.

To cater to the growing health care segment, We have commenced manufacturing of "Metone" Metal Ceilings with international standards.

## FUNCTIONAL CEILINGS



**Better  
Aesthetics**



**Improves  
Acoustics**



**Easy to  
Install**



**Easy to  
Clean**



**Recyclable**



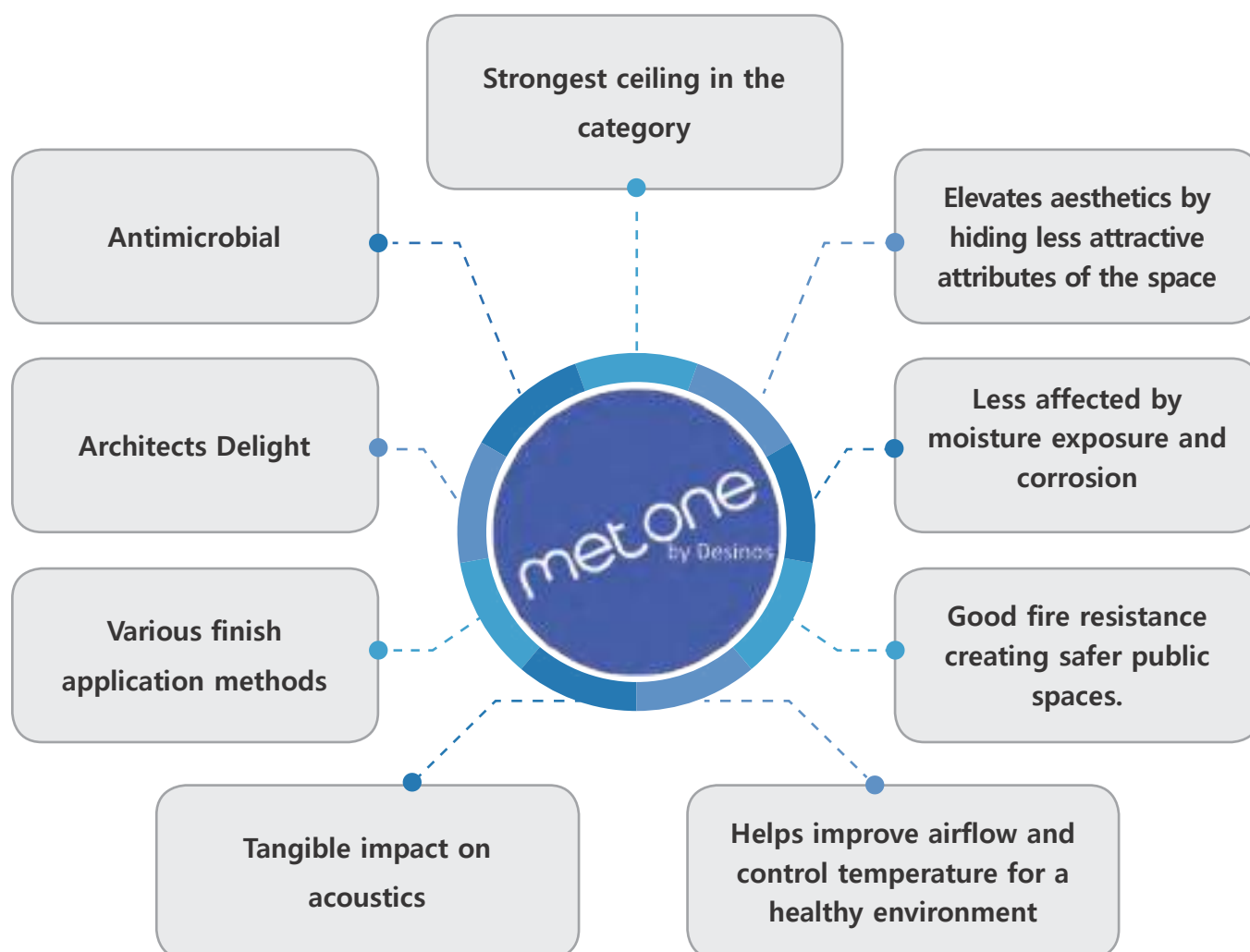
**Water  
Resistant**



## DESINOS

"Desinos" a reputed market leader for supply and installation of acoustical ceilings with manufacturing facility of Metal Ceilings and Architectural Quality Products with latest technology to provide design solutions for any interior needs.

## DESINOS "METONE" CEILINGS ARE:





## DESINOS "METONE" CEILINGS ARE MADE OF:

### Aluminum Sheets:

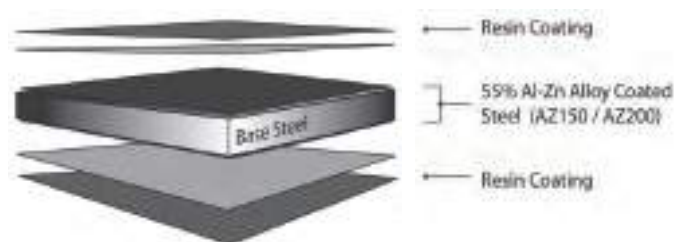
- ✓ Light Weight
- ✓ Strong and Durable
- ✓ Moisture & Corrosive Resistant

Desinos "Metone" Ceilings are made with Aluminium Alloy 3105 - H16 / H24, which is 98% pure aluminium having high strength, high corrosion resistance and formability.

### Galvalume Sheets:

- ✓ Light Weight
- ✓ Strong and Durable
- ✓ Moisture & Corrosive Resistant
- ✓ Economical
- ✓ IS 15965

Desinos "Metone" Ceilings are made with Galvalume resin coated with 55% Al-Zn Coated steel resist rust and defy cracks and peels and reduce heat transmission.



PCGL - Powder Coated



Wood - Powder Coated



PPGL - Prepainted



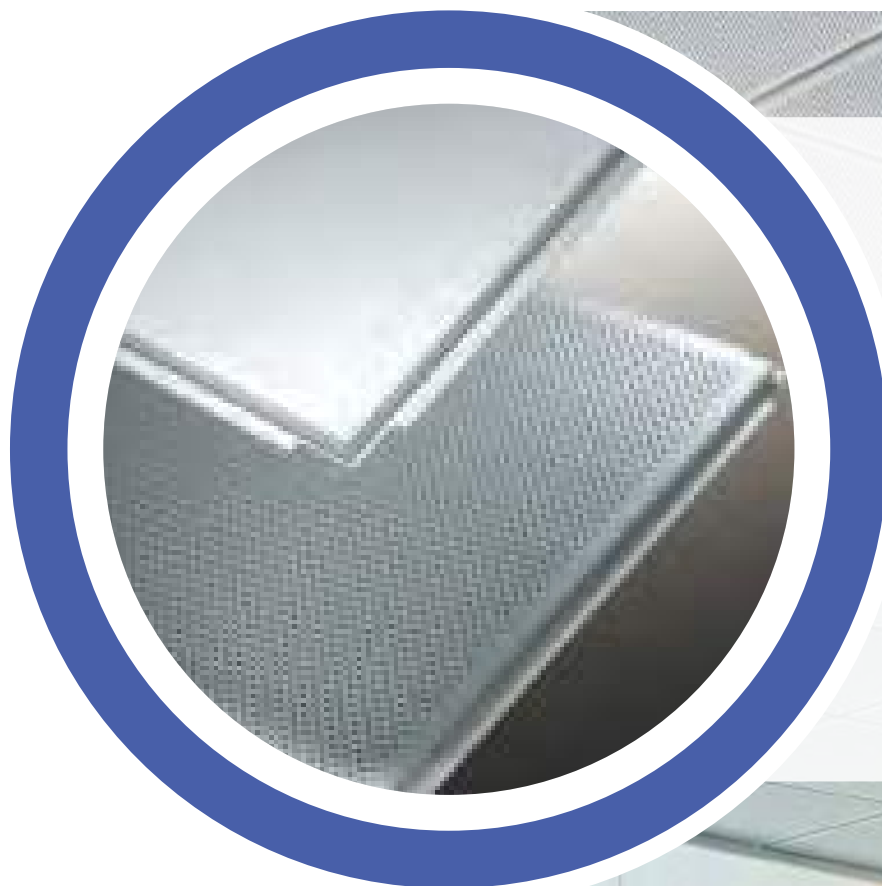
## DESINOS "METONE" CEILING PRODUCT RANGE

Lay In Ceiling Tiles for T15 & UDT	Clip In Ceiling Tiles	Architectural Products
Plain	Plain	Baffle Ceilings
Perforated 1.8 mm	Perforated 1.8 mm	Open Cell Ceilings
Random Perforated	Random Perforated	Linear Ceilings
Wooden Finish		Mesh
Anti Bacterial		Random Perforated





## PLAIN & PERFORATED CEILINGS

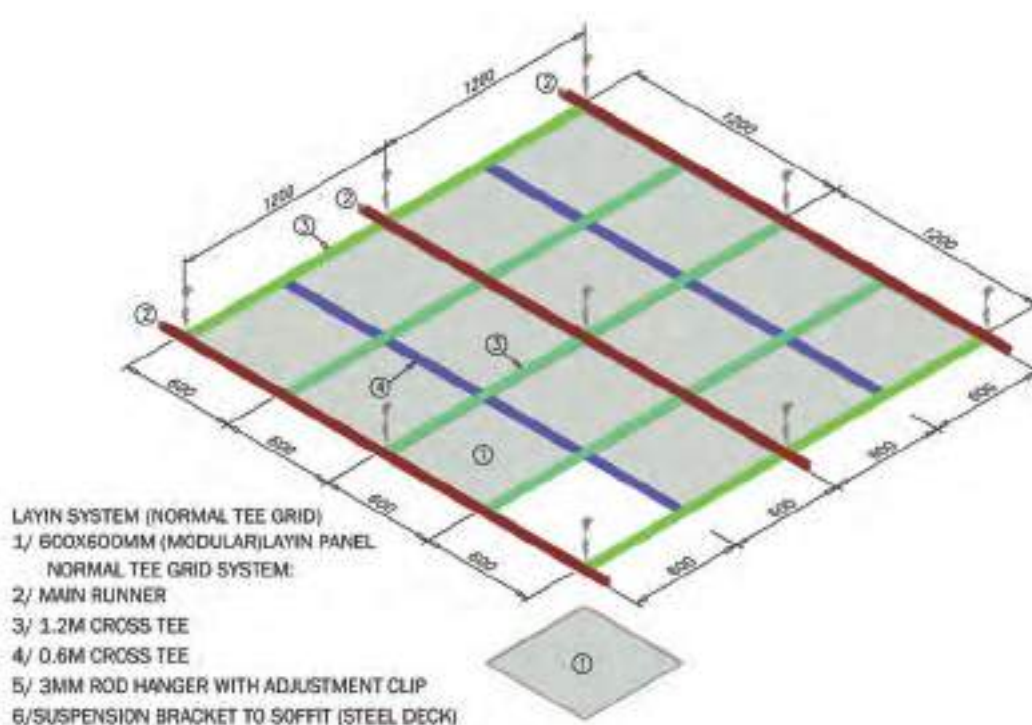


"Metone" Lay In Ceiling Tiles are classic ceiling solutions which are simple and cost effective with standard features. The key feature is the ease of installation and offering simple access for maintenance.





<b>Material</b>	<b>Bare Galvalume</b>
<b>Thickness (mm)</b>	<b>0.5</b>
<b>Size (mm)</b>	<b>600 x 600</b>
<b>System</b>	<b>Lay In –T24, T15 &amp; UDT</b>
<b>Finish</b>	<b>Pre-painted &amp; Powder Coated</b>
<b>Perforations</b>	<b>Plain &amp; 1.8 mm Perforations</b>





## PLAIN & PERFORATED CEILINGS - WOOD



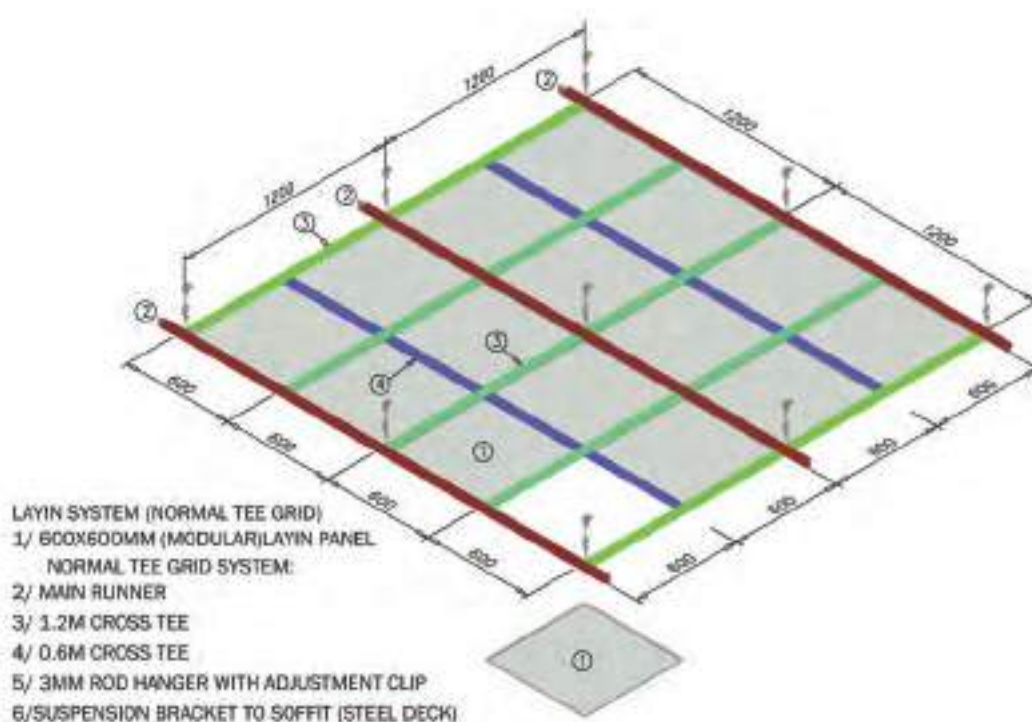
"Metone" wood finish ceiling elevates the design of traditional ceilings with this versatile collection.



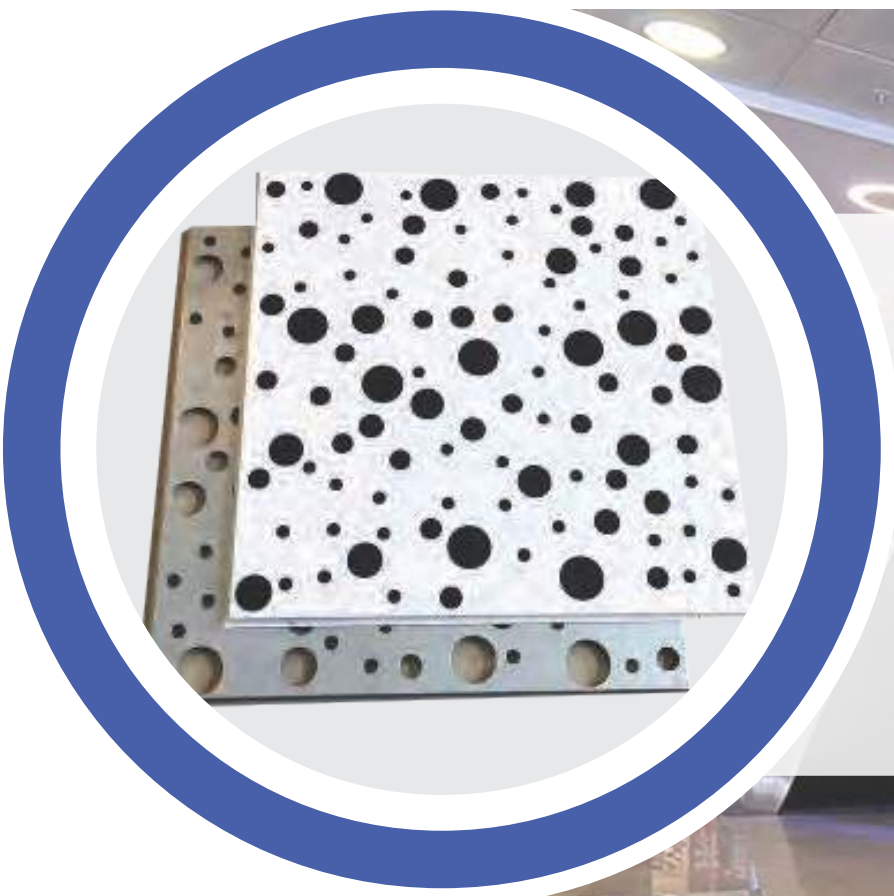




Material	Bare Galvalume
Thickness (mm)	0.5
Size (mm)	600 x 600
System	Lay In – T24, T15 & UDT
Finish	Powder Coated
Perforations	Plain & 1.8 mm Perforations



## PERFORATED CEILINGS - RANDOM

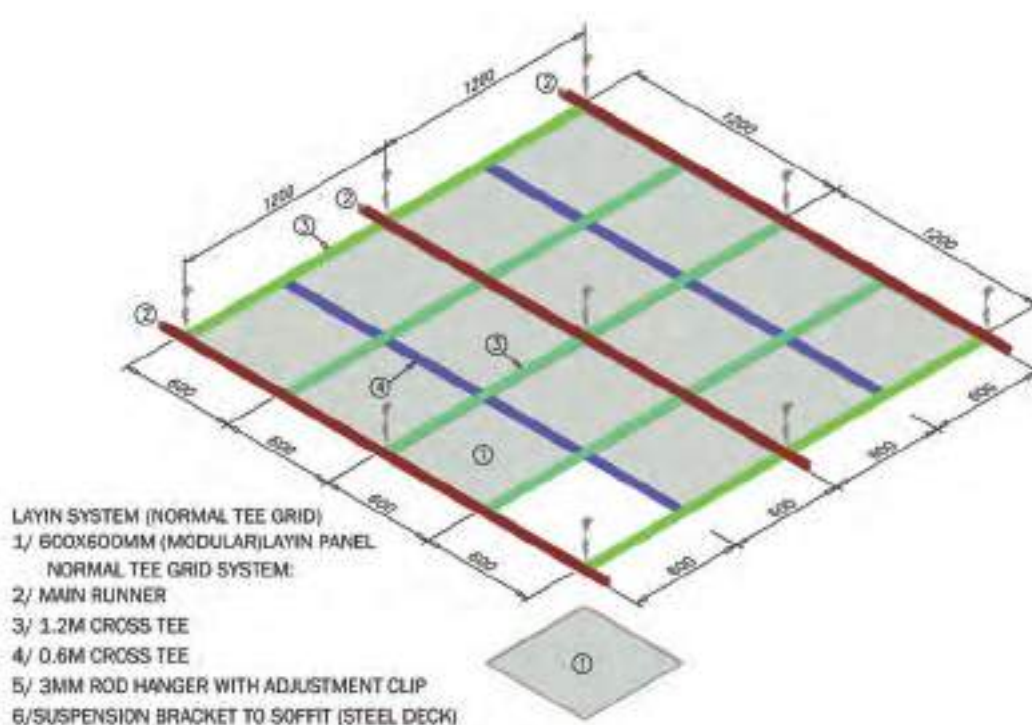


"Metone" random perforated ceilings offers a scattered different size perforations which will enhance the effect of luminaries and acoustics.



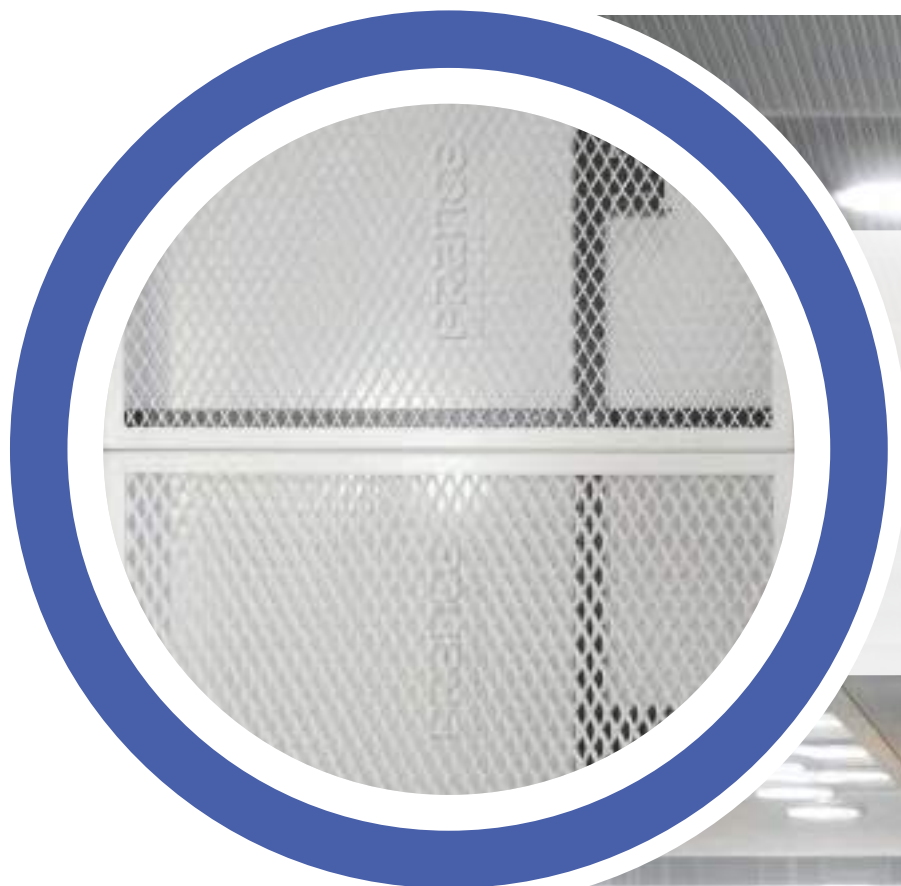


Material	Bare Galvalume
Thickness (mm)	0.5
Size (mm)	600 x 600
System	Lay In – T15 & UDT
Finish	Pre-painted & Powder Coated
Perforations	Random





## MESH CEILINGS



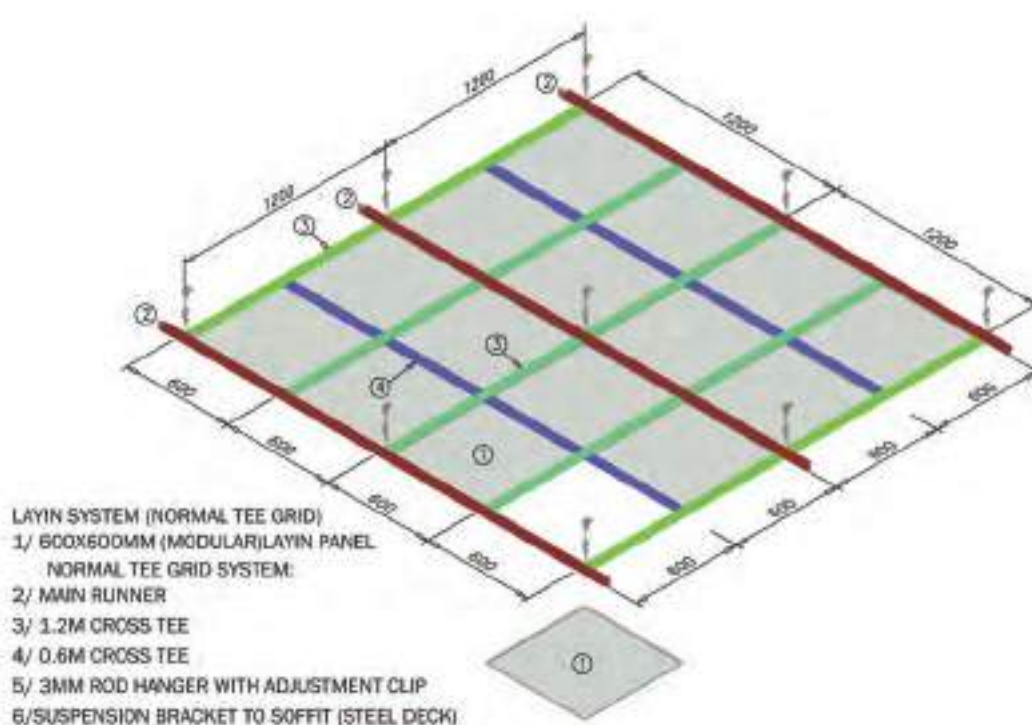
"Metone" mesh ceilings are a popular option for a more industrial look which can create visually interesting effects.



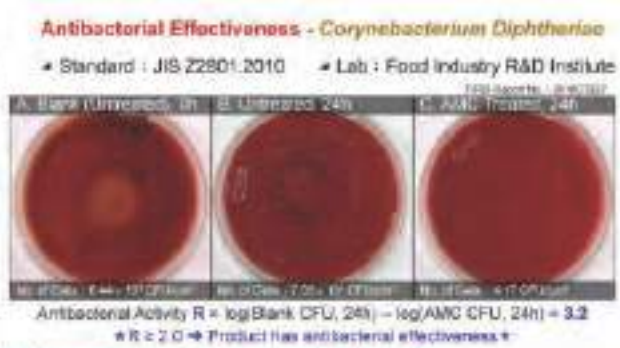
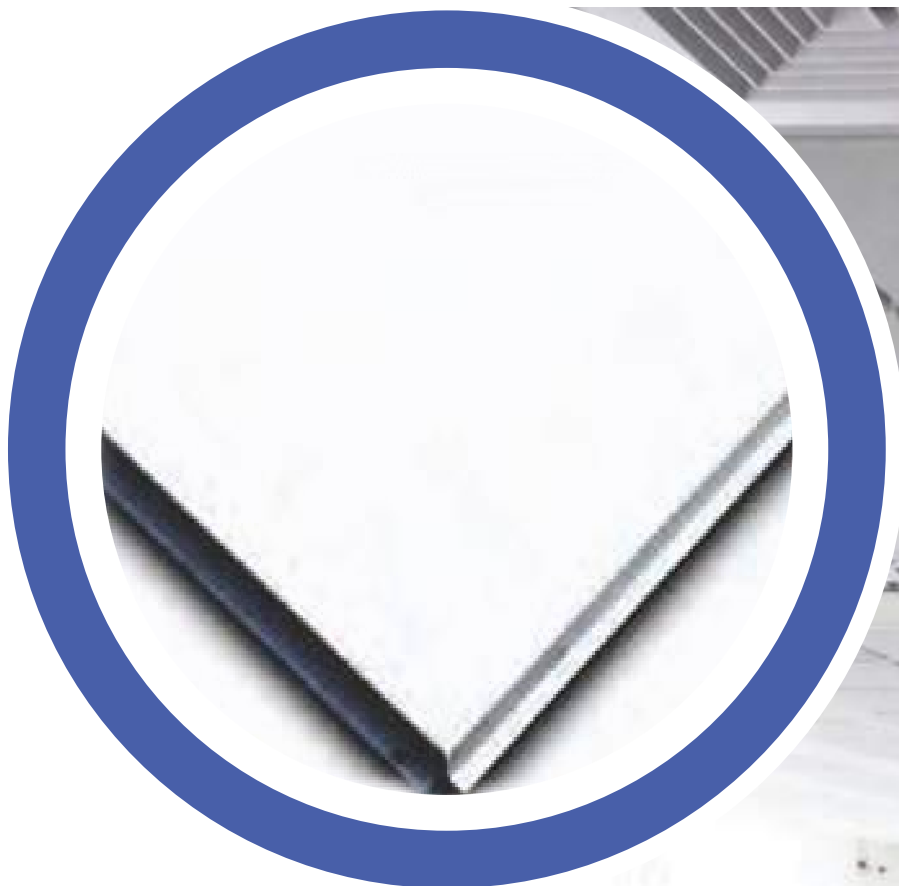




Material	GI
Thickness (mm)	1.30 / 2.00 mm
Size (mm)	600 x 600
System	Lay In – T15 & UDT
Finish	Powder Coated
Perforations	Mesh



## PLAIN - ANTIBACTERIAL CEILING



※The average values of antibacterial activity (R) shall be greater than 2.0 for antibacterial efficacy.

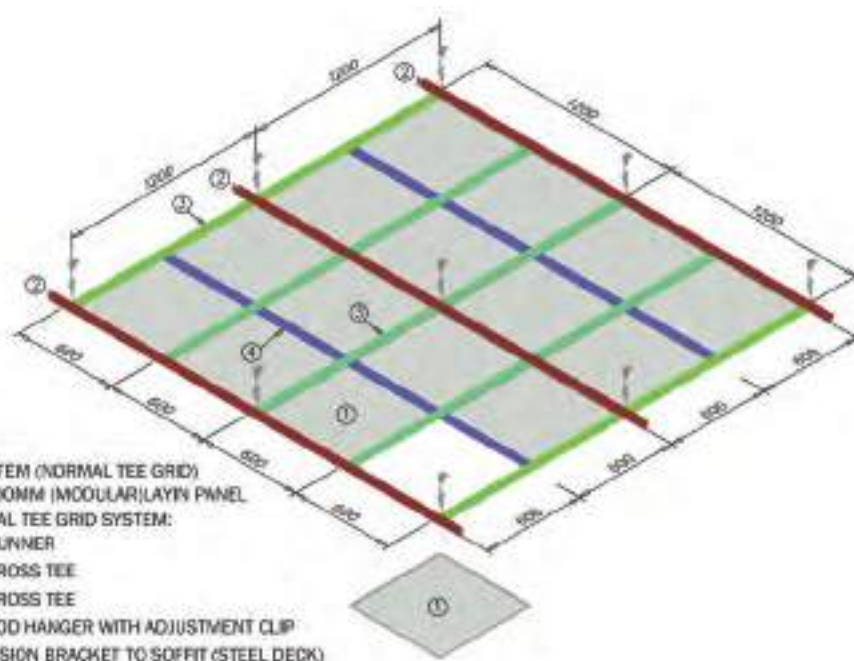




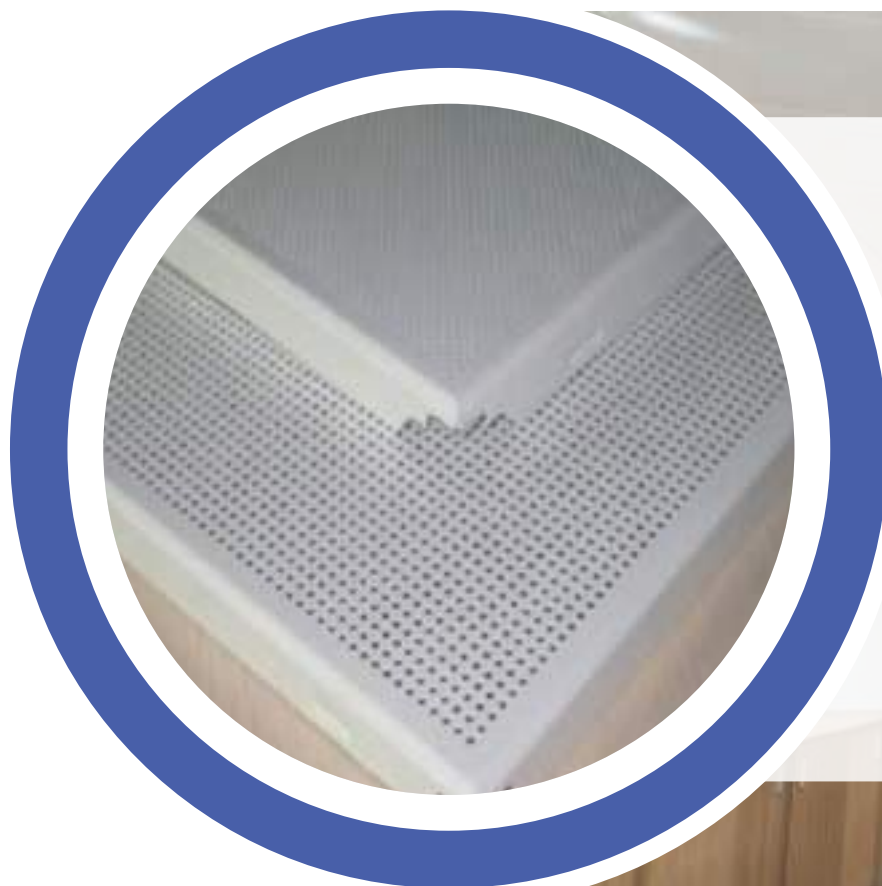
Antimicrobial Coil coatings provide health benefits by inhibiting the growth of harmful bacteria in a cost-effective way throughout the normal service life of the product. It can be used in Laboratories, Clinics, Pharma Factories, Hospitals, Cold Storage's, Interior Panels etc. Anti-Microbial coating offers assured complete protection because it provides protection even in the inaccessible hard to reach areas. Based on non-toxic, human safe antimicrobial additive, can be added to Topcoats and Back-coats. It meets the Japanese Industrial standard JIS Z 2801. Product Certified for JIS Z 2801 do not allow growth of bacteria on treated surface and kills more than 99.9% bacteria, when in contact with the antimicrobial Special additive coil.



<b>Material</b>	<b>Bare Galvalume</b>
<b>Thickness (mm)</b>	<b>0.5</b>
<b>Size (mm)</b>	<b>600 x 600</b>
<b>System</b>	<b>Lay In – T24 &amp; T15</b>
<b>Finish</b>	<b>Pre-painted with Anti Bacterial Coating</b>
<b>Perforations</b>	<b>Plain</b>



## PLAIN & PERFORATED CEILINGS



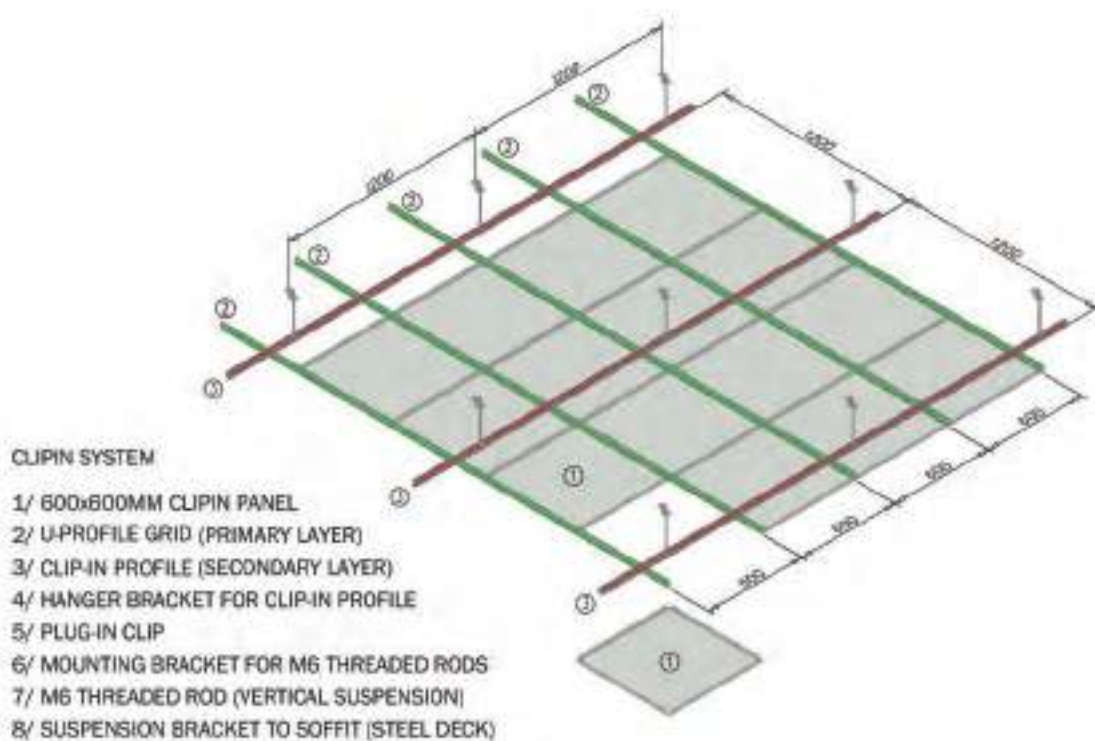
Desinos "Metone" Clip In Ceiling Tiles are a better choice for places where more rigid ceiling is required using clip in hangers and profiles. This system offers a monolith ceiling appearance through the concealed suspension system.



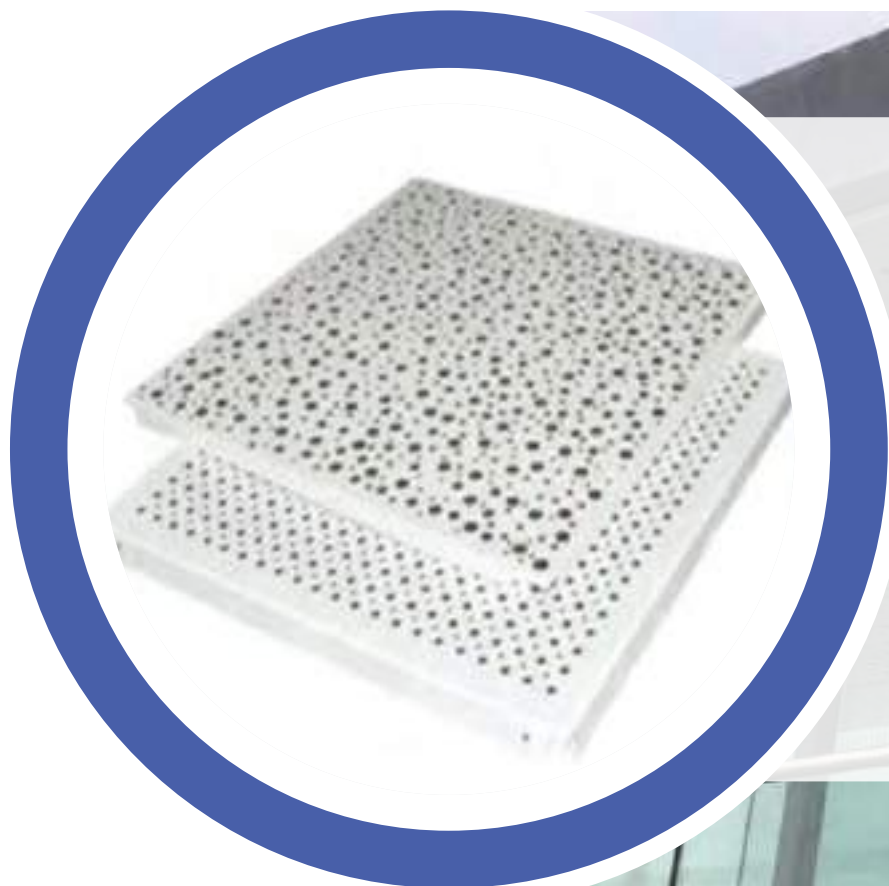




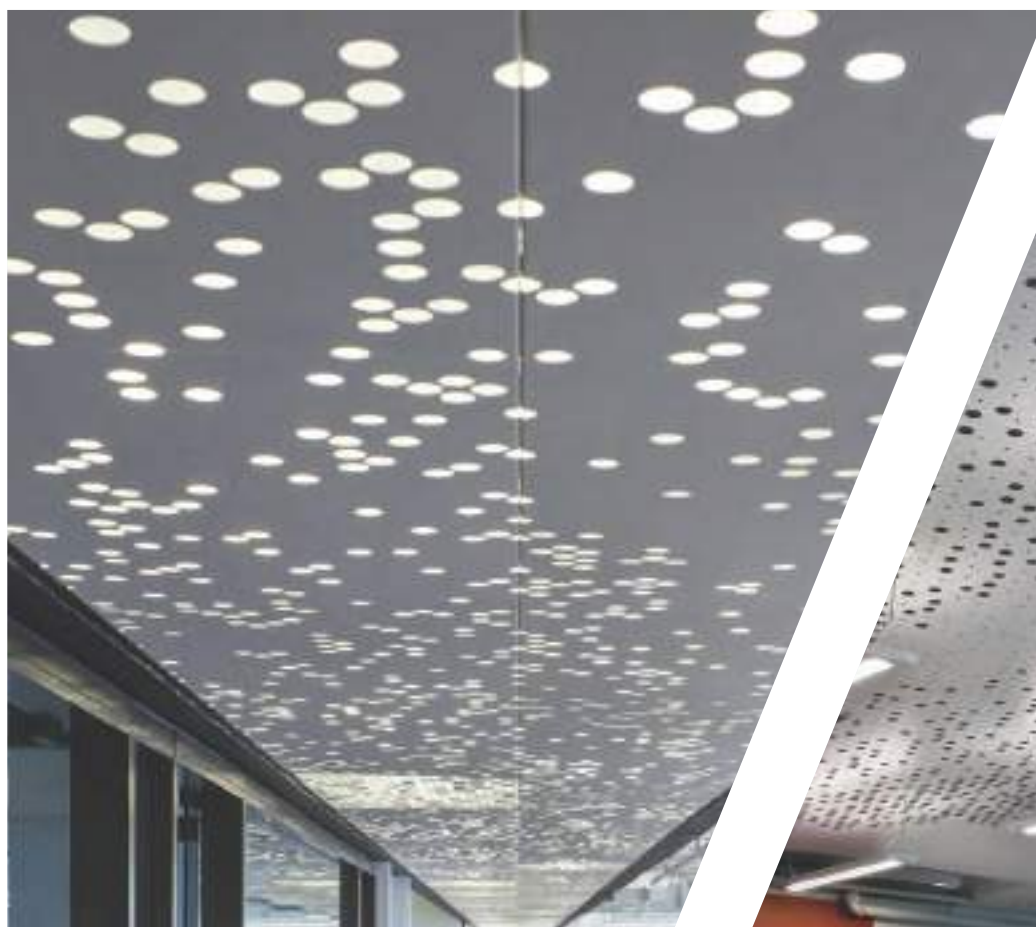
Material	Bare Galvalume
Thickness (mm)	0.5
Size (mm)	600 x 600
System	Clip In
Finish	Pre-painted & Powder Coated
Perforations	Plain & 1.8 mm Perforations



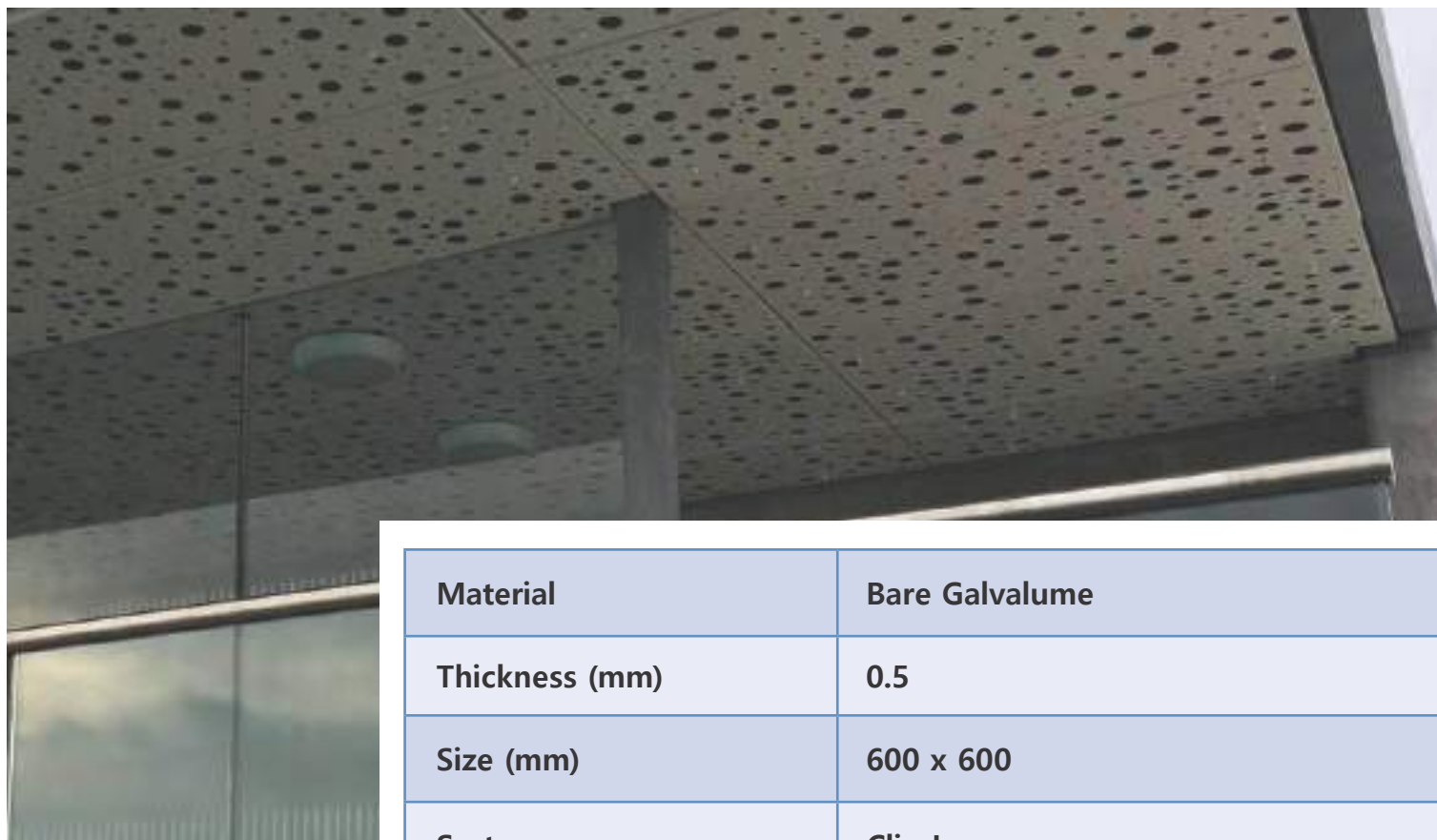
## PERFORATED CEILINGS - RANDOM



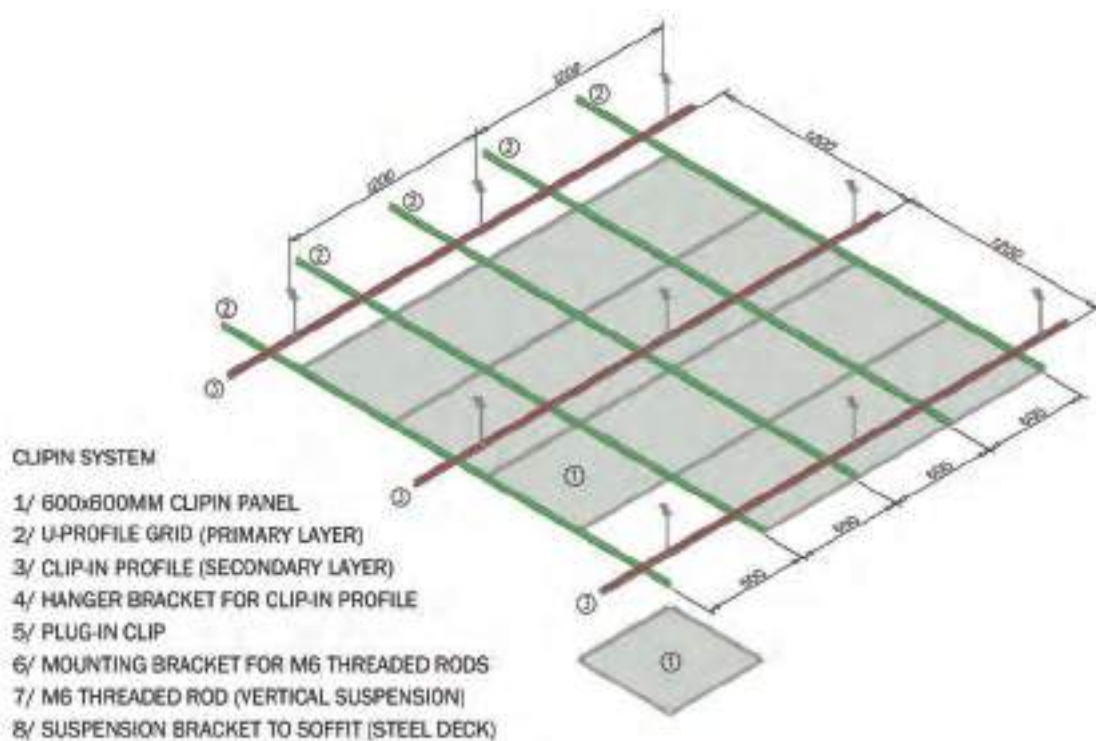
Desinos "Metone" Random Perforated Clip in ceiling tiles has the characteristics of elegant open typical rounds openings define the jointless ceiling image and provide alignment of individual tiles to create three-dimensional effect.



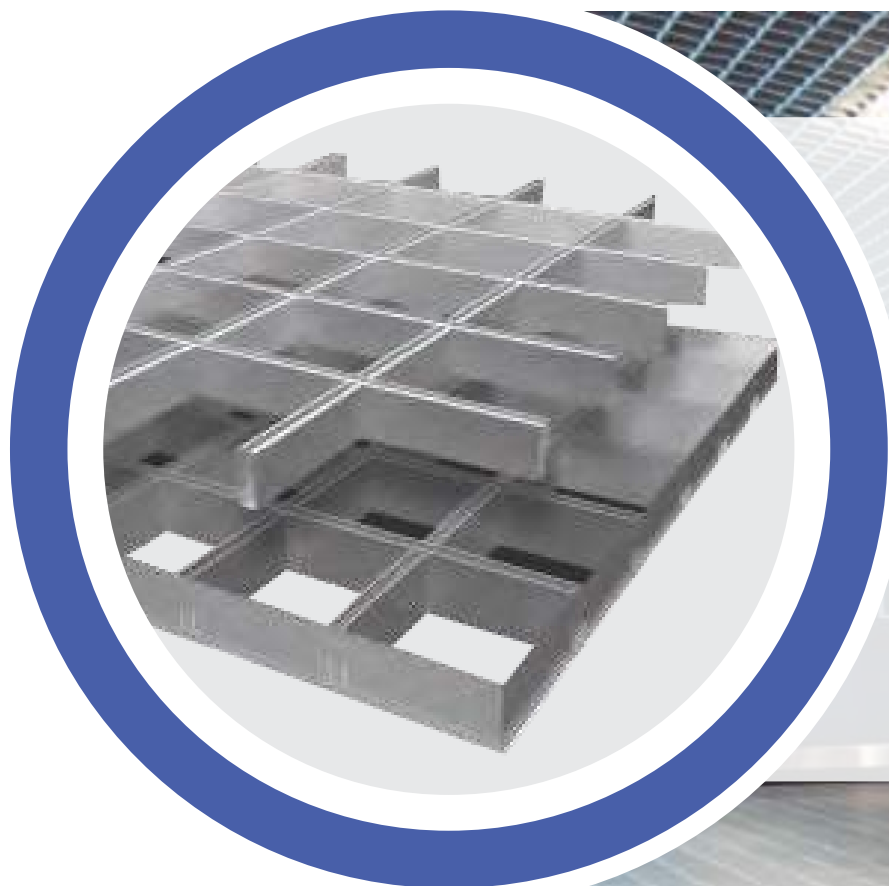




Material	Bare Galvalume
Thickness (mm)	0.5
Size (mm)	600 x 600
System	Clip In
Finish	Pre-painted & Powder Coated
Perforations	Random Perforations



## OPEN CELL CEILINGS



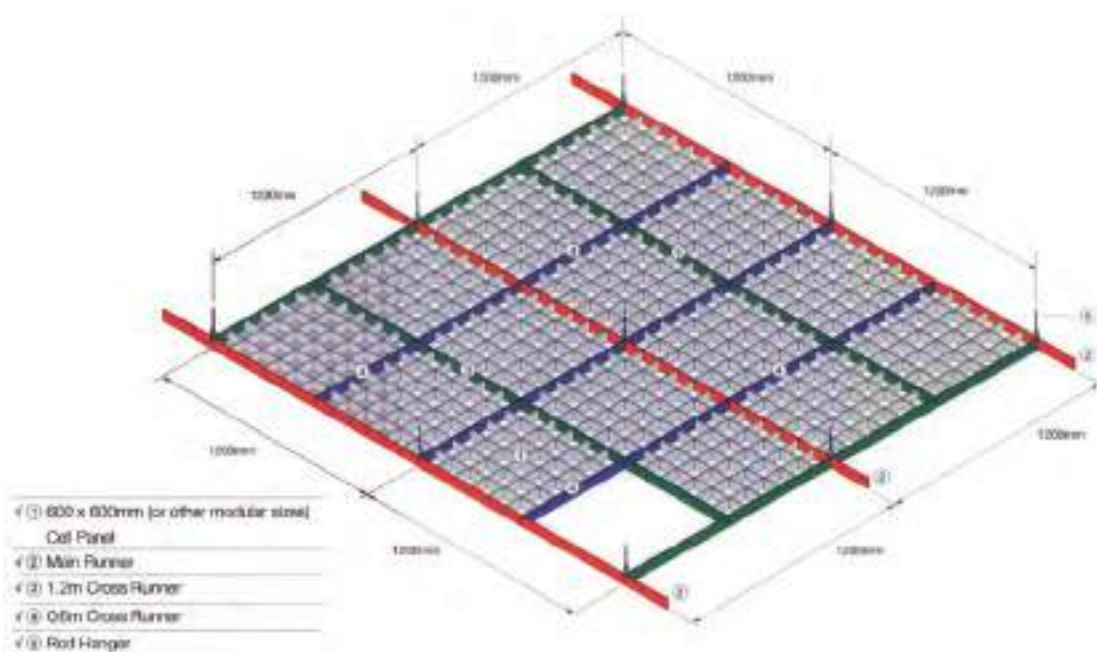
Desinos "Metone" Open Cell ceilings are monoblade made of assembled strips to form square or rectangular cells, which allows indirect diffusion of light.







Material	Aluminum
Thickness (mm)	0.5
Size (mm)	600 x 600
System	Lay In / Linear
Finish	Powder Coated
Opening (mm)	50 / 100 & Customized



## BAFFLE CEILINGS



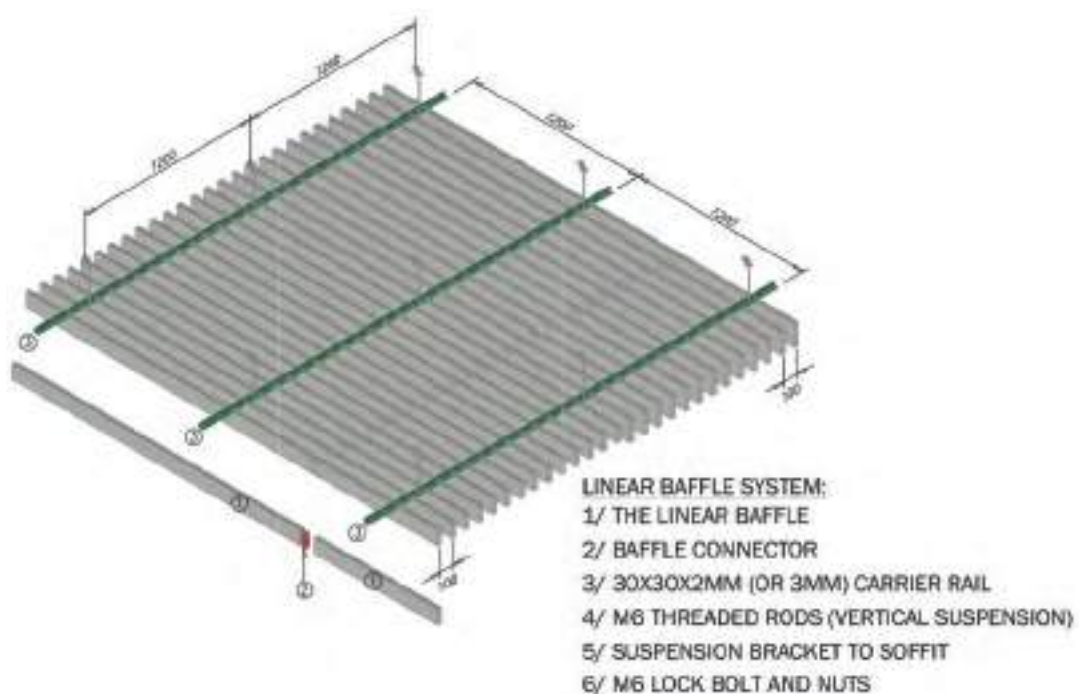
Desinos "Metone" Baffle ceilings are an innovative and aesthetically pleasing design for linear systems by integrating various lighting elements with various spacing options.







Material	Bare Galvalume
Thickness (mm)	0.5
Size (mm)	100 / 150 / 200 / 250 x 50 H
System	Linear
Finish	Powder Coated
Opening (mm)	Customized





## METPRO - TRIMS

Desinos "Metpro" trims are made of aluminum extruded profiles In the perimeters as exposed decorative trims for suspended ceilings.

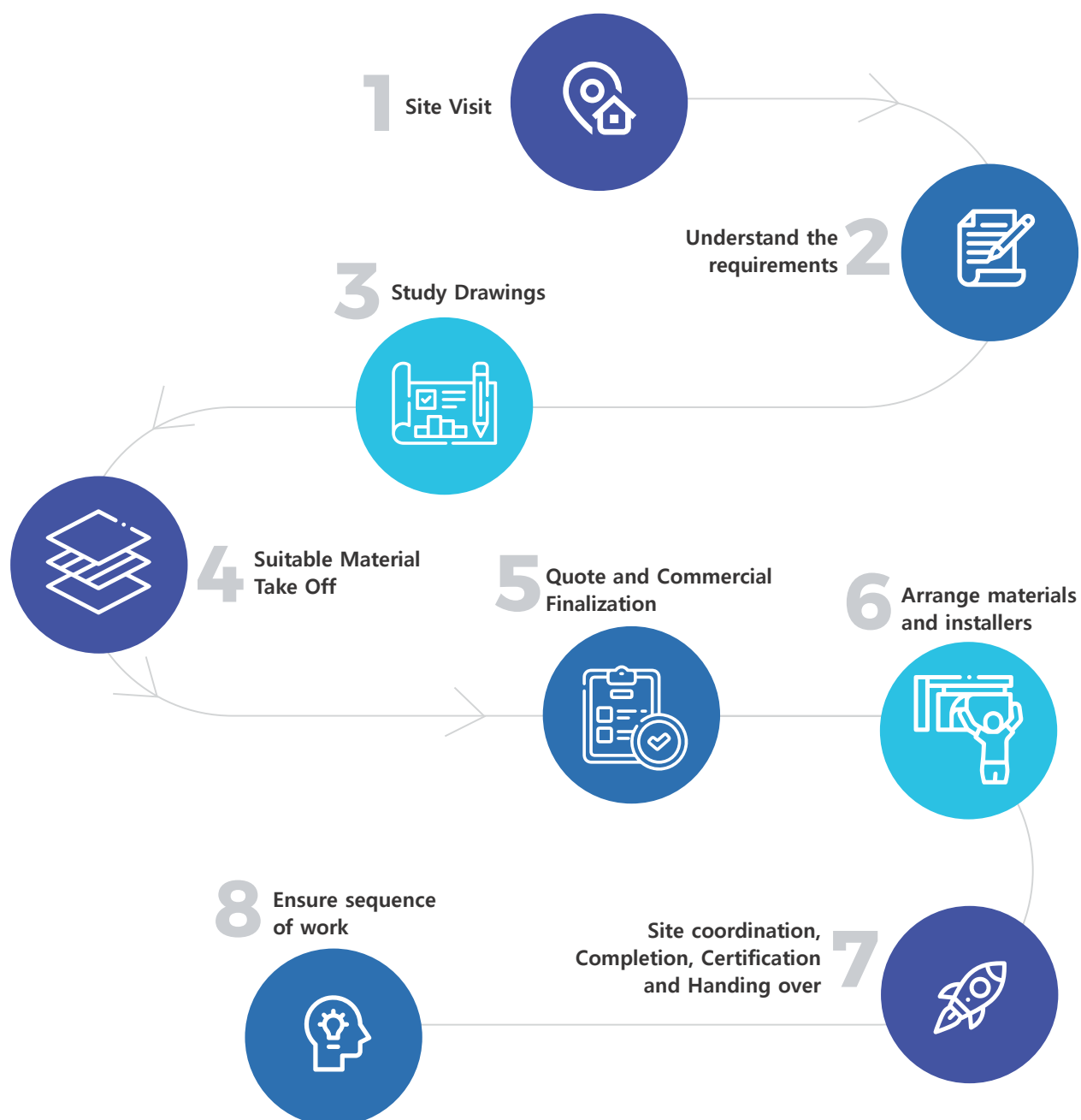


## METDGE PROFILE

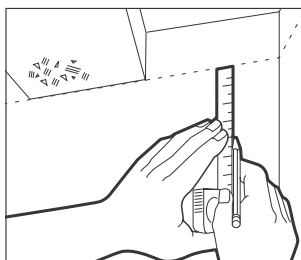
Desinos Metdge Profiles are used in places for cut tiles on the edge by inserting the tegular profile to have a uniform look.



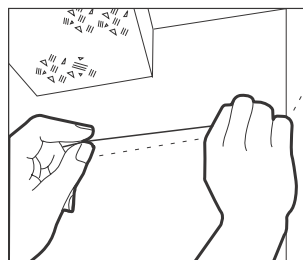




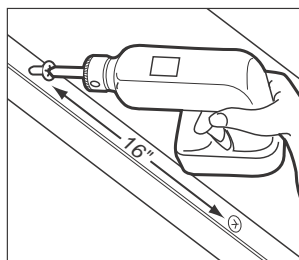
# INSTALLATION



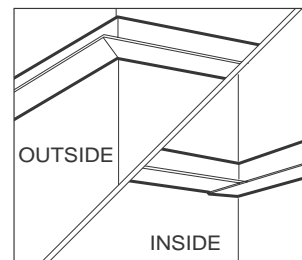
**1. Determine the highest possible ceiling height for your room.** The entire ceiling must be one consistent height at least 4" below the lowest obstruction. At this height, make a series of level marks a few inches apart around the entire perimeter of the room. **Tip:** A laser level can be very helpful with this step.



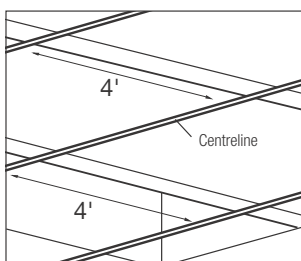
**2. Mark the perimeter of the room.** Connect your level marks at ceiling height with a chalk line as a guide for installing the wall angle.



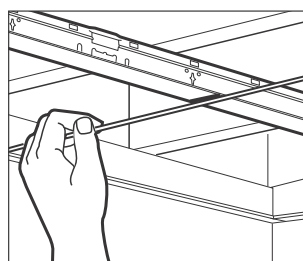
**3. Install wall angle.** Place the bottom of the wall angle moulding along the perimeter line and fasten it to the wall with screws 16" on centre to follow your stud framing pattern.



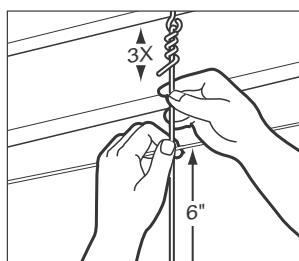
**4. Cut the wall angle corners.** Use metal snips to mitre outside corners 45 degrees. For inside corners simply cut at 90 degrees and overlap the bottom ledge. **Tip:** Use a framing square to accurately mitre a corner.



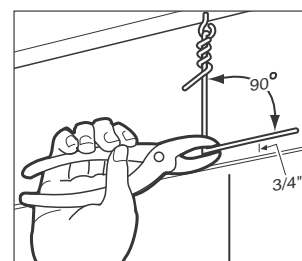
**5. Mark main tees perpendicular to joist.** Referring to your diagram, stretch a string across the room at ceiling height to locate your centreline main tee. From this centreline, in both directions, mark main tees at 4' intervals on centre.



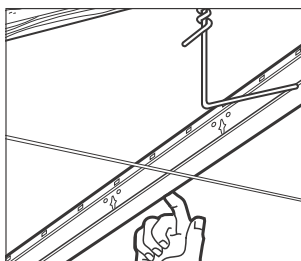
**6. Mark cross tees.** Referring to your diagram, stretch a taut string from the centre point of the cross tee wall which is parallel to the joist.



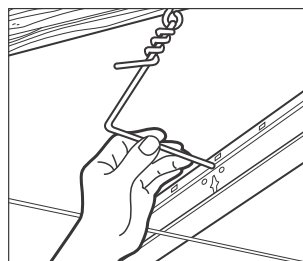
**7. Install hanger wires.** Along each main tee string line, twist lag screws into the bottoms of the wood joists 4' apart. Wrap hanger wire 3 times around lag screw and cut 6" below the string line.



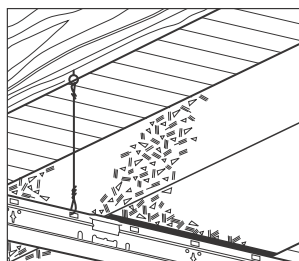
**8. Bend hanger wires.** With pliers, make a 90 degree bend in each hanger wire 3/4" above the string line.



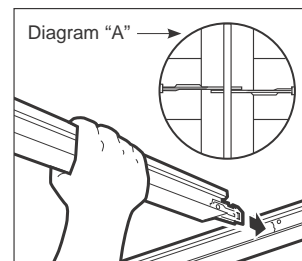
**9. Position main tees.** Position and trim the centreline main tee so that a cross tee hole is aligned with the centre point of the room. **Tip:** Main tees should be trimmed by 1/8" on each end to allow for minor grid shifting.



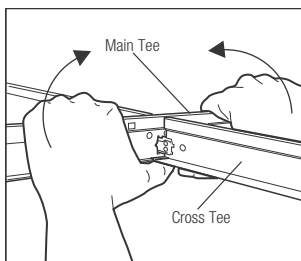
**10. Hang main tees.** Pull each hanger wire through the hanger wire hole in the main tee. After making sure the main tee is level, continue bending the 90 degree angle upward, and then wrap it tightly 3 times around itself.



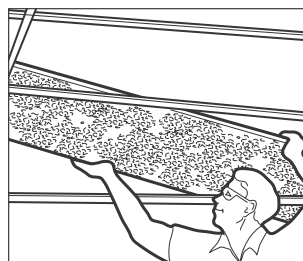
**Attention:** If lights or vents interfere with access to the lower round hole for hanging, use one of the other convenience holes in the main tee.



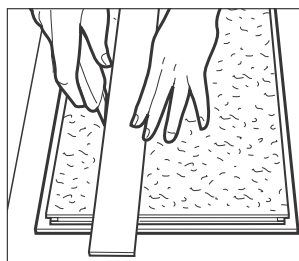
**11. Install cross tees.** Hold the end of each cross tee above the hanging main tee and gently push it down into the fitting. At the other end, push the cross tee sideways through the hole in the main tee stem until you hear it click. **Attention:** Insert cross tees into main tees with locking clip on left side (see Diagram "A").



**Attention:** If necessary, detach a cross tee by lifting up on the main tee and quickly rotating it away from the cross tee until it pops out.



**12. Lay in ceiling panels.** Angle panels through the opening, then straighten and lower until they rest evenly on the tees. **Attention:** Perimeter panels should be installed first, followed by the full sized panels.



**Attention:** When panels need to be cut to fit smaller openings next to walls, measure the opening carefully and cut into the face of the tile using a straightedge and sharp utility knife.

# PROJECTS







## Desinos Ceiling Systems Private Limited



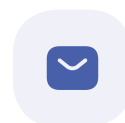
**LOCATION**

No 34 B, Second Main Road,  
Sidco Industrial Estate,  
Thirumudivakkam,  
Chennai 600 044



**PHONE**

044 42879491



**EMAIL**

desinos@desinos.in

[WWW.DESINOS.IN](http://WWW.DESINOS.IN)

