

ISOMATRIX

Architectural Products

Exterior Louvers • Metal False Ceilings



U-Shaped Baffle Box Louvers are an easily mounted & extremely versatile exterior cladding system. U-shaped Box is an economic but long-lasting solution for external cladding. Special unique Powder coating finish on panel is not affected by dirt and humidity. Shapes, colour, materials & technology. We truly offers endless choices. It allows combination of Multi U-Shaped panels, available in wooden, metallic and texture finish.

TECHNICAL DETAILS

Panels:

25mm / 50mm / 75mm / 100mm wide, length up to 3 mtr., Galvanized Steel 0.5mm & Aluminum 0.65mm – TCT.

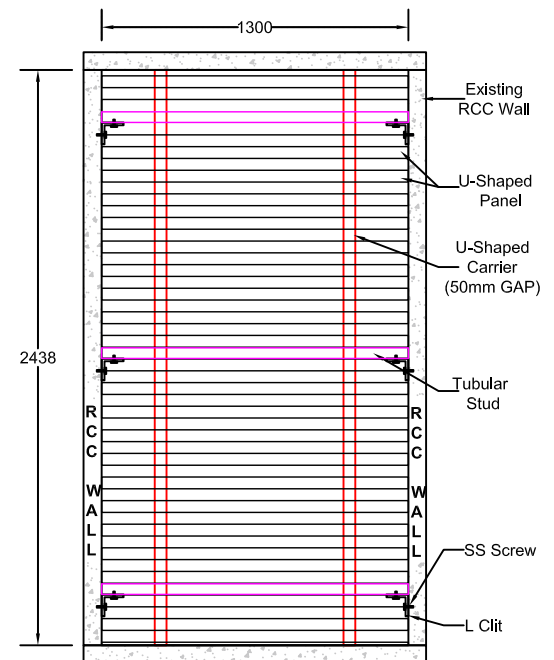
Carrier:

Various gap, 25mm / 50mm / 75mm / 100mm made of Galvanized Steel 0.6mm thick stove enameled / coil coated black.

Paint Finish:

Special high quality surface with Corrosion resistive Super Durable Powder coating, have properties capable of meeting the severe requirement of exterior applications, preferred with visible & rear both side powder coated.

U-Shaped Baffle Louvers



84R / 38R Cladding

Linear 84R / 38R Cladding is known for its attractive and fluid lines. Panels can be easily removed and replaced by hand allowing easy and full access to services. Their effect is simple but pleasant. Linear Exterior Cladding can be fixed horizontally or vertically with multi space cladding System.

TECHNICAL DETAILS

Panel:

Round edge, 84mm / 38mm wide, 15 mm deep, length up to 3 mtr.

Material:

Galvanized Steel 0.5mm, Aluminum 0.65mm / 0.71mm TCT

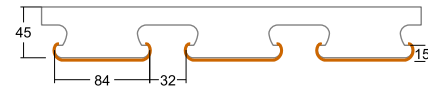
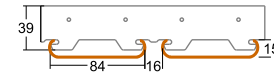
Carrier:

Carrier Shall be 20mm wide at bottom & 42mm deep of 0.6mm Galvanized Steel stove enameled black to hold Panel in module of 16mm / 32mm / 42mm.

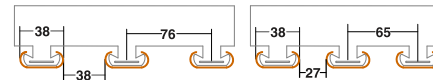
Paint Finish:

50-55 microns thick powder coating on exposed surface or 25 microns polyester coil coated over primer on visible surface with primer coat on rear side.

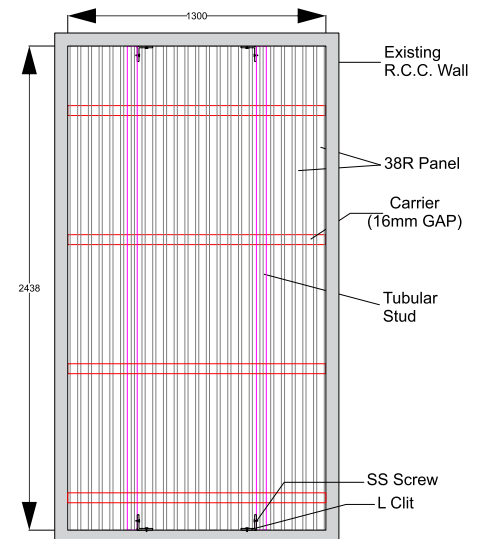
84R Panel Detail



38R Panel Detail



Reflected Lovers Plan for 38R Lovers



Slanted Louvers

Slanted Louver are highly innovative and gaining popularity in construction to cover the Ducts and used as a Ventilated facade system. The systems are easy and fast to install with variety of carriers with different louvers inclination. Panels come with a special high quality powder coating finish.



TECHNICAL DETAILS

Panels:

84mm wide, 16mm deep, length up to 5 mtr. made of Galvanized Steel 0.50mm & 0.65mm Aluminum – TCT.

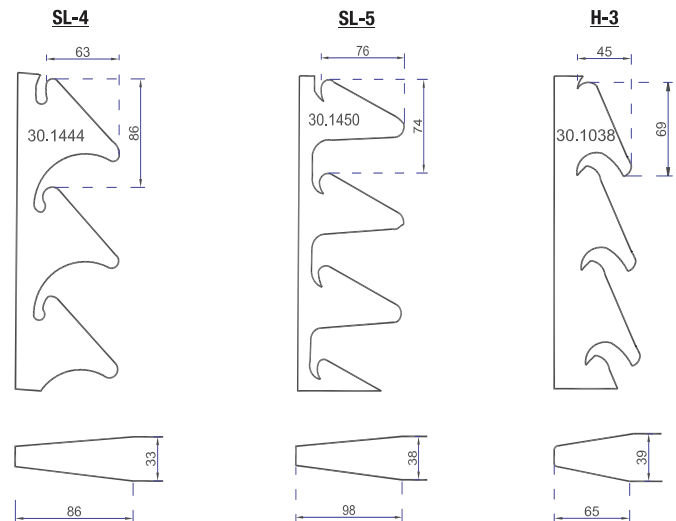
Carrier:

Various dimensions (SL-4 / SL-5 / H-3) made of Galvanized Steel 0.6mm, Aluminum 0.91mm thick stove enameled / coil coated black.

Paint finish:

Special high quality surface with Corrosion resistive Super Durable Powder coating, have properties capable of meeting the severe requirement of exterior applications, preferred with visible & rear both side powder coated.

Reflected Elevation for Slanted Exterior Louver System



Linear 150F

150F, specially designed arrangement make the Ceiling completely interlocked and air tight for a smooth look & uninterrupted appearance, which are able to withstand extreme wind pressure.

TECHNICAL DETAILS

Panel:

150mm wide, 17mm deep, length up to 5 mtr. with interlock flange to give flush look.

Material:

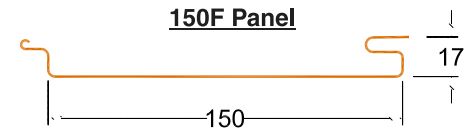
Galvanized Steel 0.5mm & Aluminum 0.6mm.

Carrier:

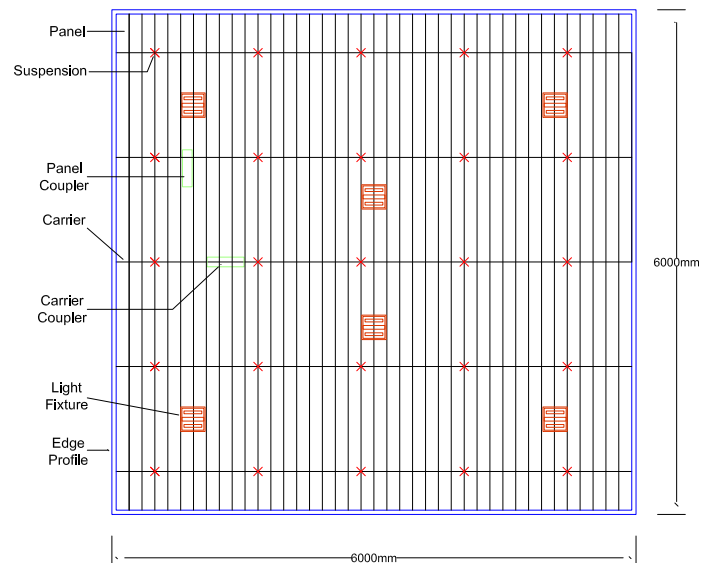
20mm wide at bottom, 48mm deep of 0.60 mm thick Galvanized steel stove enameled black to hold panel in module of 150mm.

Paint Finish:

50-55 microns thick powder coating on exposed surface or 25 micron polyester coil coated over primer on visible surface with primer coat on rear side.



Reflected Ceiling Plan For 150F False Ceiling System



Linear 84R / 184R / with Flush Cap

Linear 84R / 184R Ceiling is known for its attractive and fluid lines. The spaces between the panels may be left open for acoustical or air movement requirements, or closed with separate Flush Cap to give concealed look. Panels can be easily removed & replaced by hand allowing easy and full access to services.

TECHNICAL DETAILS

Panels:

Round edge, 84mm / 184mm wide, 15mm deep, length up to 5 mtr.

Material:

Galvanized Steel 0.5mm / 0.45mm, Aluminum 0.65mm / 0.5mm - TCT.

Flush Cap / Recess Cap:

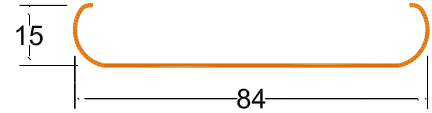
Aluminum / GS 0.5mm to be inserted in 16mm gap between two 84R / 184R panels.

Carrier:

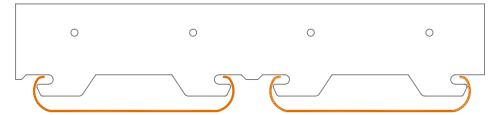
Carrier shall be 20 mm wide and 39 mm deep of 0.5mm Galvanized Steel stove enameled black to hold Panel in module of 100/200 mm.

Paint finish:

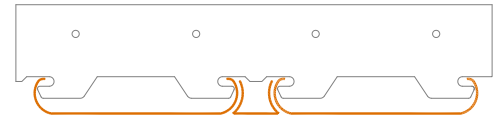
50-55 microns thick powder coating on exposed surface or 25 microns polyester coil coated over primer on visible surface with primer coat on rear side.



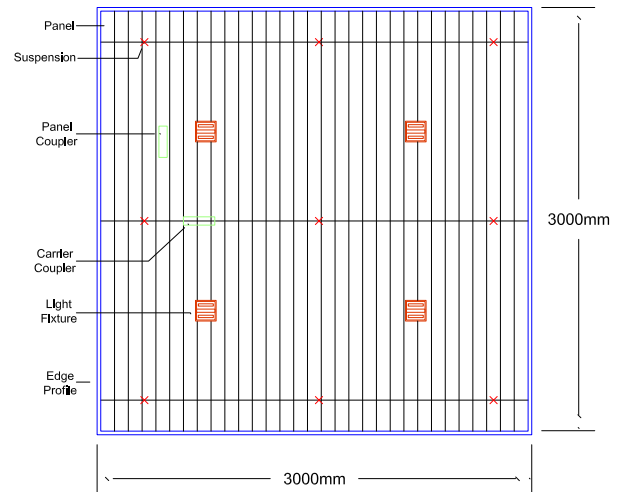
84R Panel



84R Panel with Flush Profile



Reflected Ceiling Plan For Linear 84R False Ceiling System



Linear 84C / 184C

Linear 84C / 184C has been used extensively on exterior and interior applications and gives designers options for visual design continuity. Panels are clipped into the concealed suspension system to form a closed joint linear ceiling. It will give a rhythm to any Project, where colors and length come together. Various acoustical criteria can be met with the inclusion of acoustical inlays.

TECHNICAL DETAILS

Panels:

Square edge, 84mm / 184mm wide, 12.5mm deep, length up to 5 mtr.

Material:

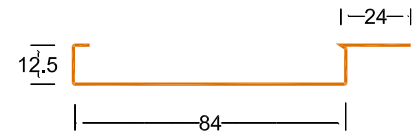
Galvanized Steel 0.5mm / 0.45mm, Aluminum 0.5mm - TCT.

Carrier:

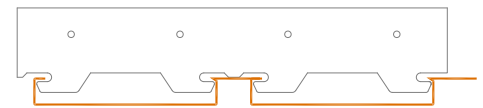
Carrier shall be 20 mm wide at bottom and 39 mm deep of 0.5mm Galvanized Steel stove enameled black to hold Panel in module of 100 mm.

Paint finish:

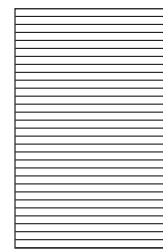
50-55 microns thick powder coating on exposed surface or 25 microns polyester coil coated over primer on visible surface with primer coat on rear side.



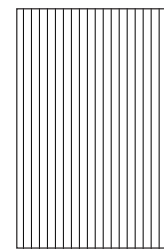
84C Panel



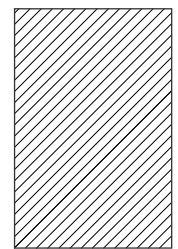
(Panel Layout Options)



**Panel Running
Width of
Room**



**Panel Running
Length of
Room**



**Panel Running
Diagonal of
Room**



Z-Shaped Screen

Z-Shaped Open Screen ceiling profiles that are hung vertically from the suspension to form an open screen linear perspective interior ceilings.

It can be seen that Z-Shaped system offers provision for air movement through the ceiling and light fitting, sprinkler etc.

TECHNICAL DETAILS

Panels:

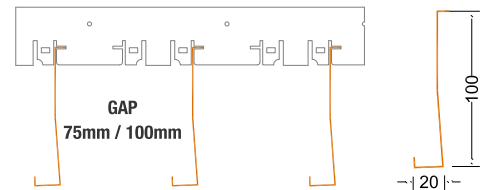
Height 100mm, width 20mm, length up to 3 mtr., Galvanized Steel 0.55mm & 0.71mm Aluminum – TCT.

Carrier:

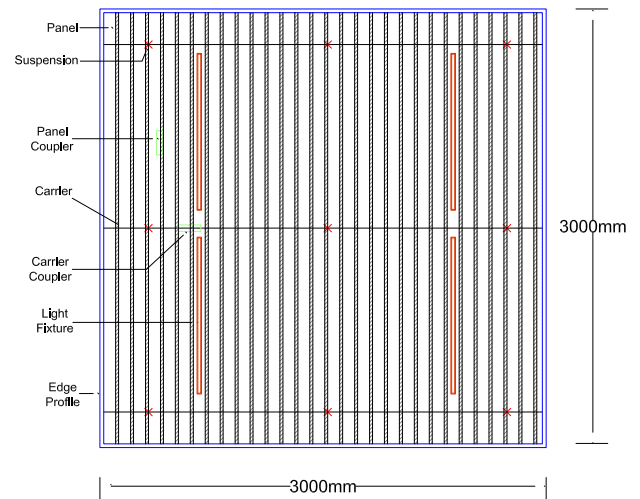
Center to Center 75mm / 100mm, Galvanized Steel 0.5mm thick stove enameled black.

Paint Finish:

55 microns thick powder coating.

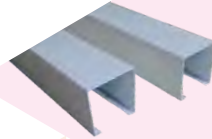
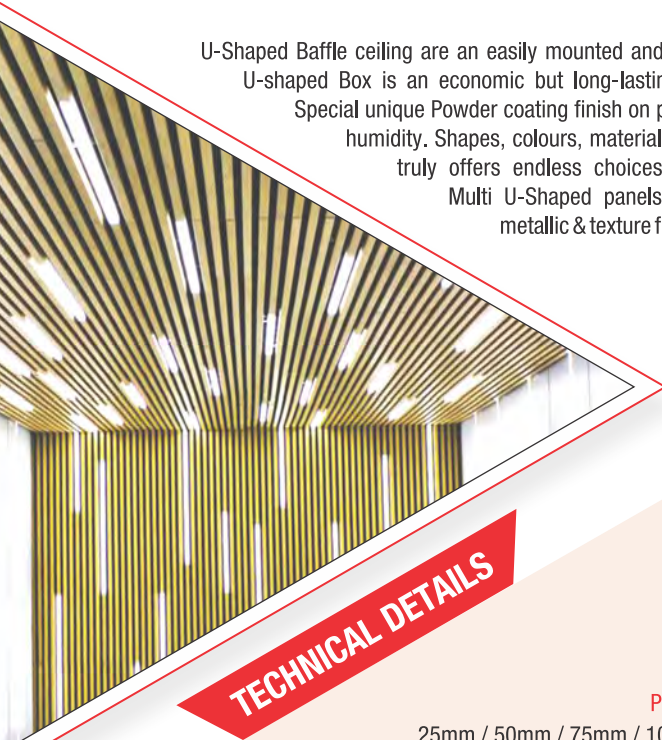


Reflected Ceiling Plan For Z-Shaped False Ceiling System



U-Shaped Screen

U-Shaped Baffle ceiling are an easily mounted and extremely versatile system. U-shaped Box is an economic but long-lasting solution for false ceiling. Special unique Powder coating finish on panel is not affected by dirt & humidity. Shapes, colours, materials and technology, Mentalism truly offers endless choices.. It allows combination of Multi U-Shaped panels, available in wooden, metallic & texture finish.



TECHNICAL DETAILS

Panels:

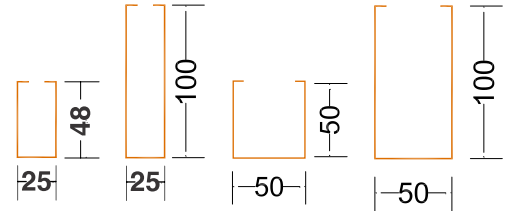
25mm / 50mm / 75mm / 100mm wide, length up to 3 mtr., Galvanized Steel 0.5mm & Aluminum 0.65mm – TCT.

Carrier:

Various gap, 25mm / 50mm / 75mm / 100mm made of Galvanized Steel 0.6mm thick stove enameled / coil coated black.

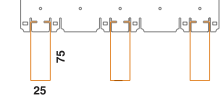
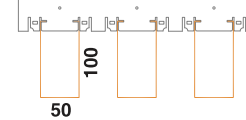
Paint finish:

50-55 microns thick powder coating on exposed surface or 25 microns polyester coil coated over primer on visible surface with primer coat on rear side.

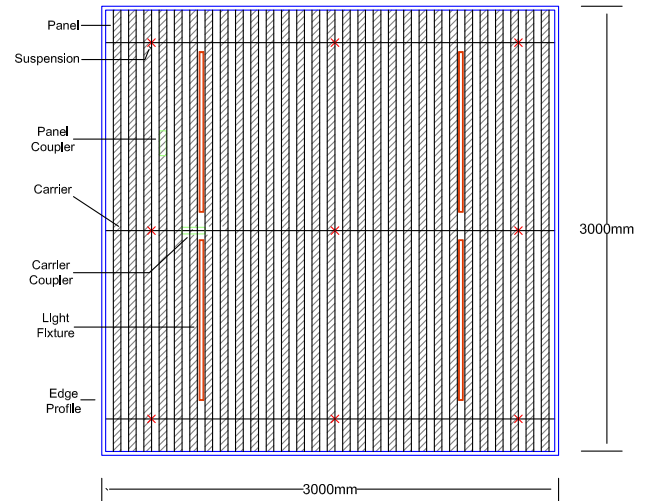


P50 U-Shaped Screen Panel

P25 U-Shaped Screen Panel



Reflected Ceiling Plan For U-Shaped Baffle False Ceiling System



Clip-In Tile

Clip-In concealed panels provide durable & monolithic ceilings for interior & can be used in external conditions where the False Ceiling is not directly exposed to rainfall. Clip-In panels are available in a variety of rectangular and square sizes like 600 x 600mm, 1200 x 600mm, 1200 x 300mm, 300 x 300mm and custom sizes. It is so Ideal for hospital, clean rooms, food processing area, Pharmaceuticals etc.

TECHNICAL DETAILS

Panels:

For Flush & Concealed look,
Square edge tiles of 600 * 600mm /
1200 * 600mm / 1200 * 300mm &
Customized.

Material:

Galvanized Steel 0.5mm / 0.45mm, Aluminum 0.7mm /
0.65mm, Stainless Steel 0.4mm - TCT.

Paint Finish:

50-55 microns thick powder coating on exposed surface or
25 microns polyester coil coated over primer on visible
surface with primer coat on rear side.

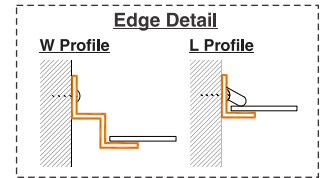
Possible Lay-Outs



Straight Joints



Combined Tile Sizes



Edge Detail

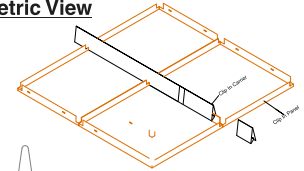
W Profile

L Profile

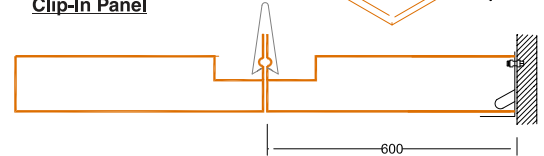


Staggered Joints

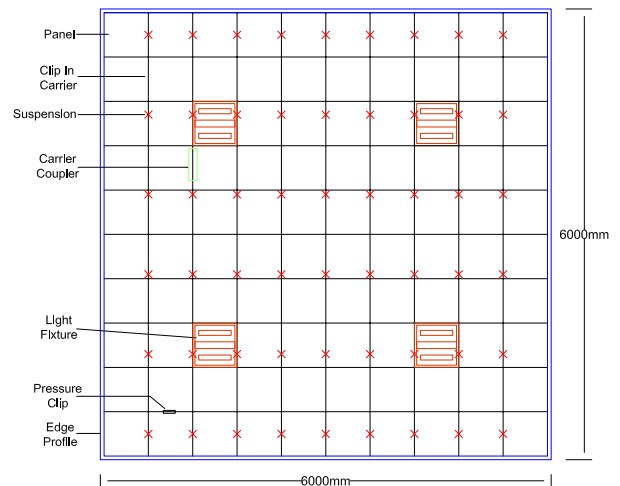
Isometric View



Clip-In Panel

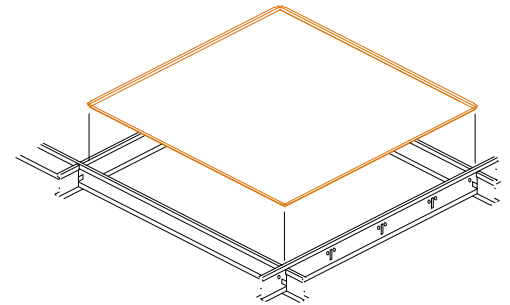
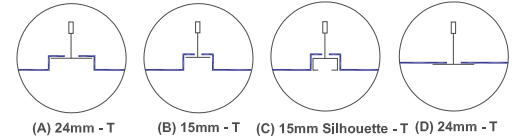


Reflected Ceiling Plan For Clip-In 600x600mm False Ceiling System

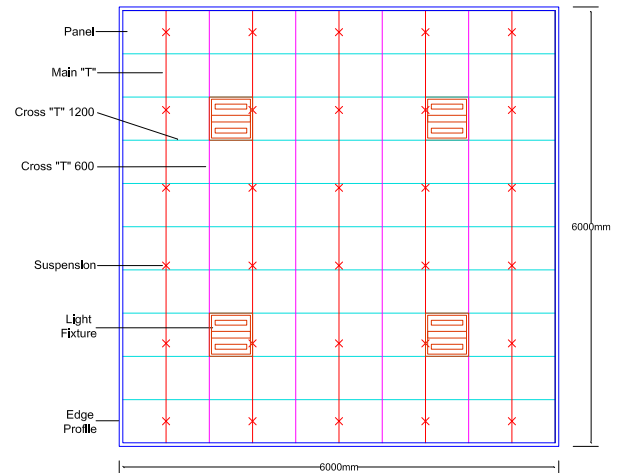


Lay-In Tile

Lay-In tile is most popular bearing system to realize false ceilings with visible 24 mm, 15 mm & Silhouette / center black T grid. Panels are durable and versatile. Lay-In tiles are available in a wide variety of sizes like 600 * 600mm, 1200 * 300mm, 1200 * 600mm etc. Lay-In tile is simple to install and give easy access to equipment installed above them, allowing rapid intervention & maintenance. Various acoustical criteria can be met with the inclusion of acoustical inlays in the back of a perforated tile.



**Reflected Ceiling Plan For
Lay-In 600 * 600mm False Ceiling System**



TECHNICAL DETAILS

Panels:

Square edge,
600 * 600mm /
1200 * 600mm / 1200 * 300mm &
Customized.

Material:

Galvanized Steel 0.5mm / 0.45mm / 0.40mm,
Aluminum 0.7mm / 0.65mm TCT.

Paint finish:

50-55 microns thick powder coating on exposed surface or
25 microns polyester coil coated over primer on visible
surface with primer coat on rear side.



Wooden Texture

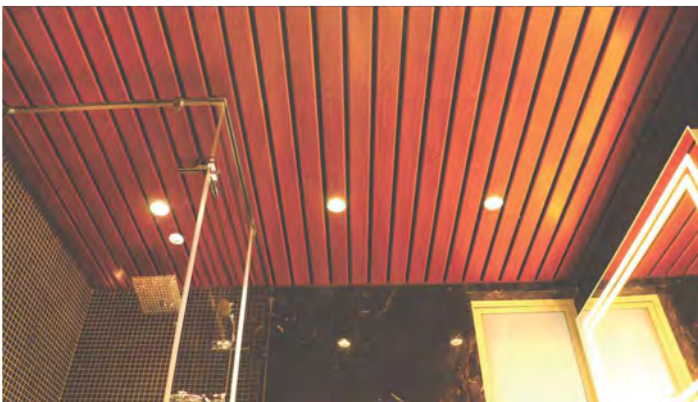
At present, natural Wood finish concept is increasing widely in ceilings, cladding & acoustics. The desired wooden look can be obtained while enjoying the familiar advantages of metal false ceilings. The creative possibilities are almost unlimited, with aesthetic and reliable functionality.



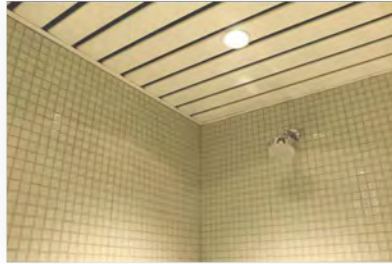
Wooden Shades



Wooden Texture Photos

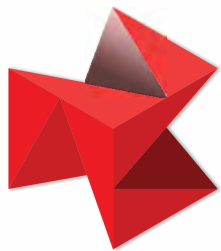


Project Photos



Project Photos





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