

False Ceilings.....
True Aesthetics

SUPERSiL

SUPERSIL ARCHITECTURAL PRODUCTS PVT. LTD.

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SUPERSiL



Recyclability



Non-combustible



Design Flexibility



Acoustic Performance

Metal False
Ceilings

Metal
Elevations

Introduction



'Supersil' Pioneer of Metal False Ceilings in India since 1982 and now also a name in Metal Elevations & Exterior Louvres is India's leading manufacturer having supplied more than 15 million square meters of Metal Ceilings and 2 million square meters of Metal Elevations & Exterior Louvers to construction industry.

Supersil's strength is not only its full fledged plant at Modasa and new plant at Ahmedabad, Gujarat, India but its continuous investment in research and state of the art techniques which ensures that Supersil remains at the forefront of Suspended Ceilings and Elevations.

These Catalogue only gives glimpses of our projects executed for almost top 500 Companies of Indian Corporate sector & PSU's.

Our products not only satisfy the high performance criteria of Fire & Acoustics but also are Energy efficient for new Buildings. Supersil's new growth comes from Environmental friendly Projects thus contributing to New Green India.

Supersil except special demand uses Aluminium Alloy AA 8011 / AA 3003 / AA 3105 and Galvanized Plain / Coil coated steel of IS – 14246 – 1995 with zinc coating of 120 GSM – Zinc 277.

Architects / Builders / Contractors can rest assure on our Marketing & Sales team to get Proper Design / AutoCAD Drawing / Specifications for their specific applications.

We, at Supersil are committed to Innovation, Growth through Fully Automatic manufacturing unit which makes Quality Better & Green to make our tag Made in Gujarat, India best in international market.

Regarding Technical Specifications, Shop Drawings, Component details, etc please Call or refer to www.supersil.co.in.



Contents

» Linear 84R	4	» Lay In Tile	16
» Linear 84C	6	» T Grid	18
» Multi C	8	» Awnings	19
» Linear 150F	10	» CELL	20
» Clip In Tile	12	» U Shape Screen	22
» Plank	14	» Exterior Sun Louvres	24
» Acoustics	15	» Z Shape Screen	26
» Perforation Patterns	15	» Gallery	27

All dimensions are in millimeters unless mentioned



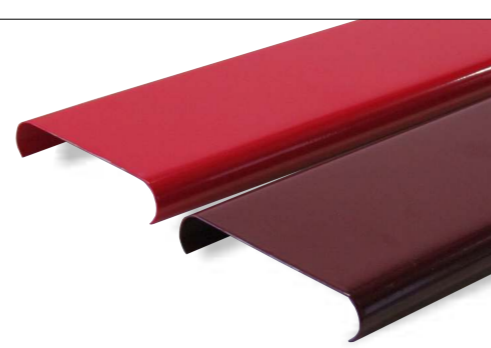
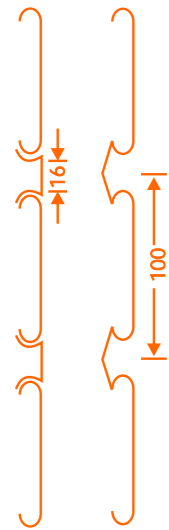
Functional Utility

- » Superb Aesthetics
- » Recyclability - Green Product
- » Better Acoustics
- » Flexibility of Design
- » Colour Combination
- » Light Weight
- » Washable – Water Resistive
- » Customized Sizes
- » Ease of Installation – Access
- » Ease of Maintenance
- » Corrosion Resistive
- » Fire Retardant
- » Integration of Allied Services
- » Clean Room Application
- » Ultra Durable
- » No Asbestos
- » Termite Proof
- » Environmentally Sustainable

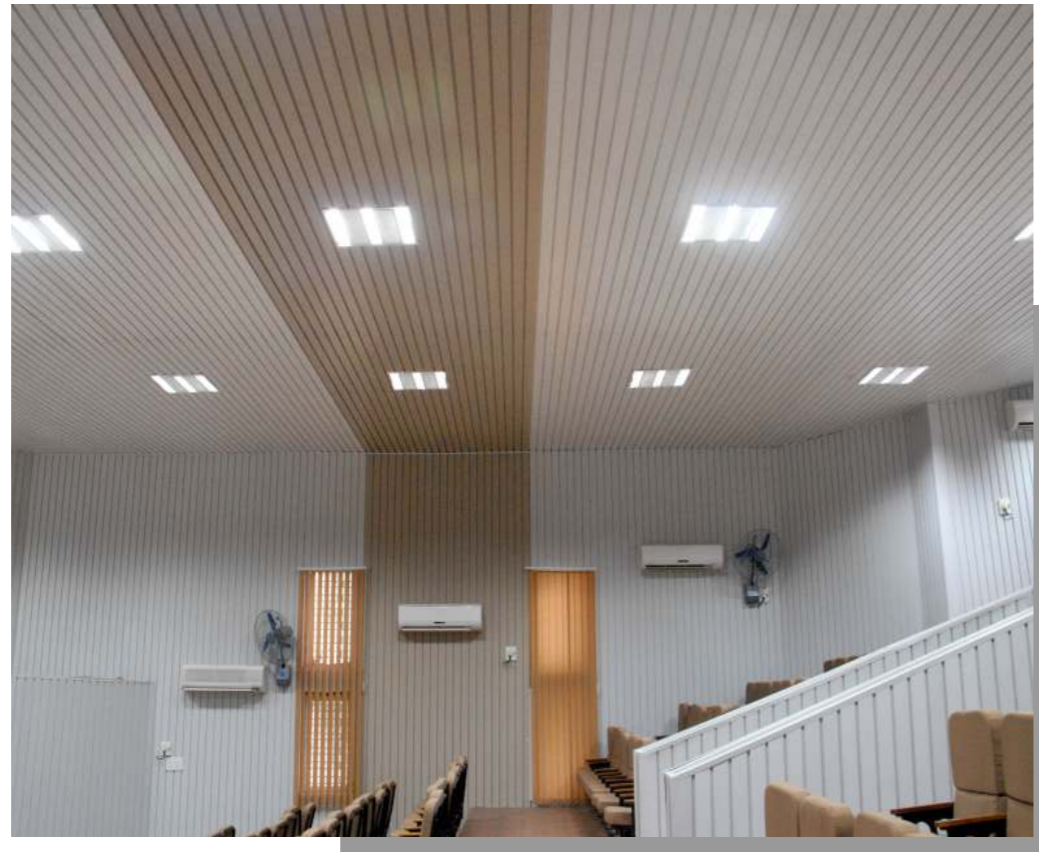
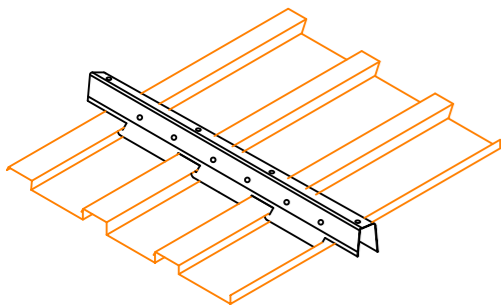
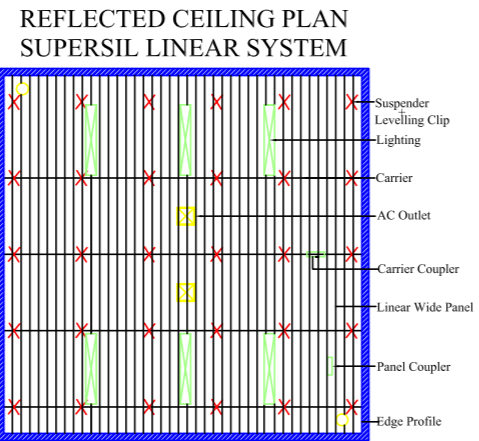


84R / 84RF / 84RR / 184R / 284R

Most conventional and traditional one specifies the visualization of larger area in Length or Width. Linear Ceilings 84R when used in combination of Flush Cap / Recess Cap gives the flush look if groove not desired and has great advantage of having different colours for Panel & Flush Cap / Recess Cap with more ease of maintenance with enlightened look of false ceiling. Architects are frequently using for Passages, Lift lobbies, Balconies, Bathrooms, Wall Cladding etc. High mirror finish panels are used for Jewellery show rooms, etc.

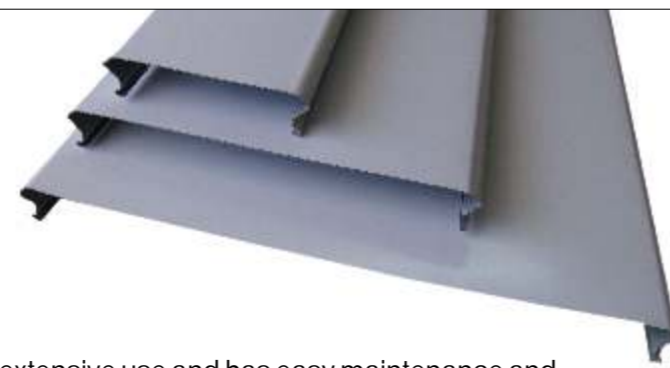
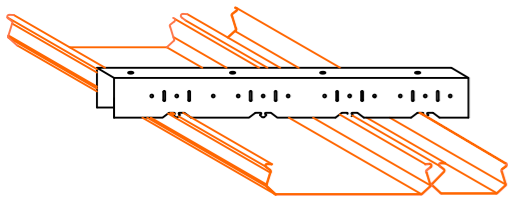


84C / 184C / 284C



75C / 150C / 225C

This C system is a closed ceiling with extensive use and has easy maintenance and has power to design ceilings as per current trend.
This system satisfies the long need of Architects with respect to Monotonous plain look as this system gives flush look combined with mini V groove, Width combination as this system uses universal carrier to mix and match 75C, 150C & 225C.





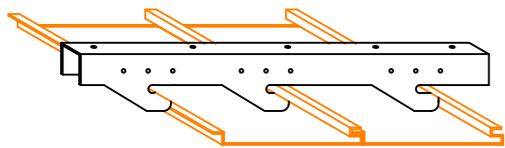
150F Interlockable Ceiling / Cladding

Excellent for exterior application especially cold and wet weather installations without cracking or losing finish.

Inter-Lockable Panels are designed to be non removable and regular access can be obtained with access doors or in an emergency with proper tools and instructions.

150 F wide panels with maximum length gives the good aesthetics with functionality of corrosion resistivity, weather-load bearing, washable and air tight, suits perfectly for Wall Cladding and False Ceiling.

150 F Ceiling System is widely used for False Ceiling in canopies of Petrol Pumps, CNG Stations, LPG Stations, Toll Plazas, etc. and for Wall Cladding of Industries Control rooms, Warehouses etc.

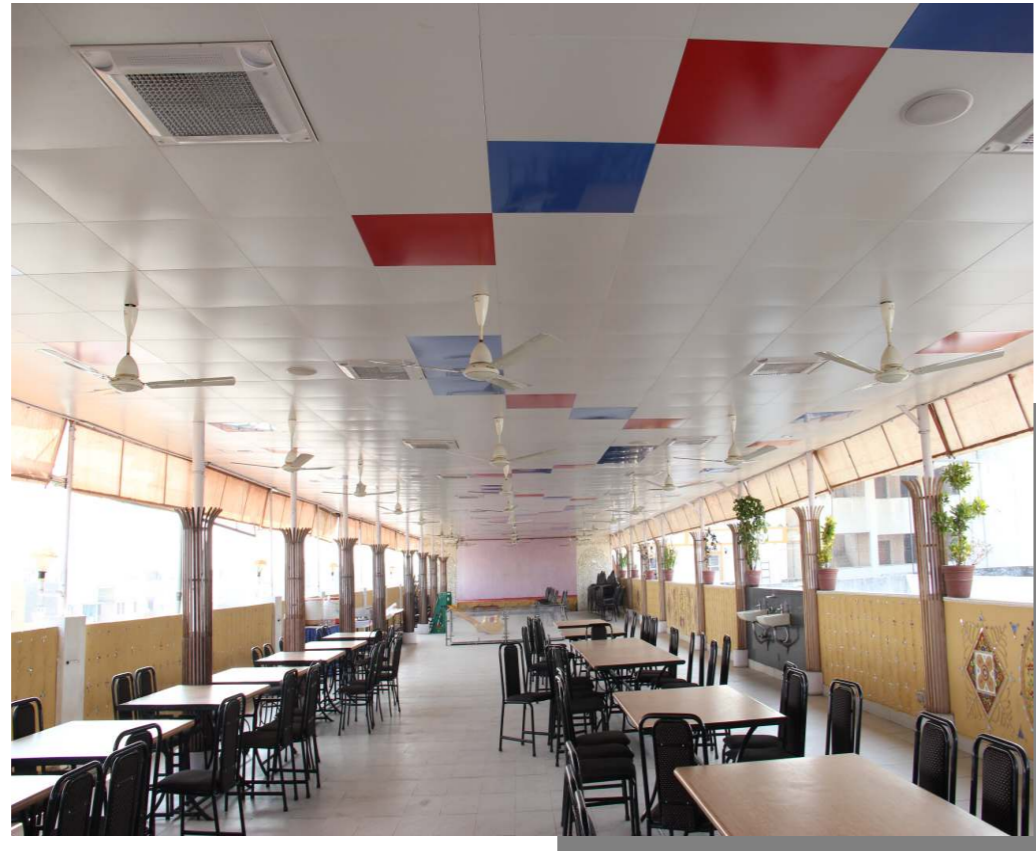
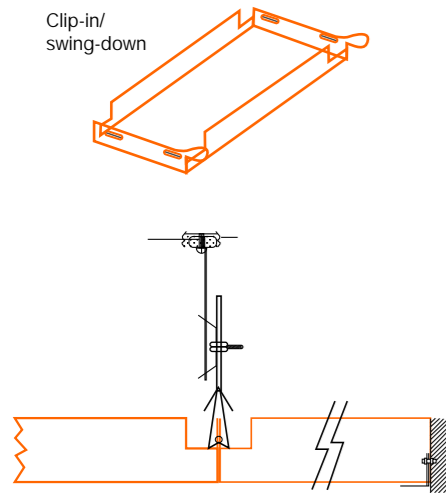


600*600 / 1200*600 / 1264*254 / Custom Made

The entire ceiling assembly has no visual suspension carriers providing a clean unobstructed visual appearance. Clip in Square tiles in patterns of perforations and colours in different lay out gives this ceiling an uncomparable Aesthetics.

Clean Room Application: Pharmaceuticals and medical device manufacturing requires sterile environment with cleanliness levels varying from class 100 to class 10000. The smooth polyester powder coating face does not attract dust and do not encourage the growth of micro organisms. After the ceiling is installed, the seal provided by Silicone Sealant, Tape or Gasket should prevent any possible contamination from entering the clean room.

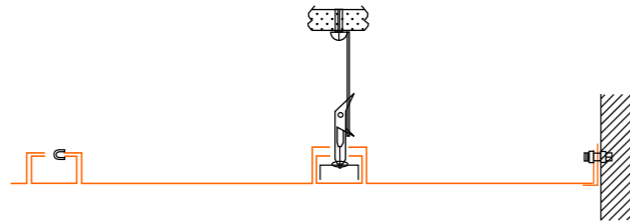
Clip-in/
swing-down



C Grid 75 / 100 / 200

Easy removing and refixing even by a layman makes it a perfect choice for high maintenance areas and open office plan of larger areas.

Panel size can be defined exactly as of Light Diffuser size giving it a perfect flush look. Exposed Grid system mixes Linear and Acoustic looks along with possibilities of colour combination with Beam ("C" Patta) of different colour and diiferent width of 75, 100 & 200mm



Fibre Glass Wool / Non Woven Cloth

Our goal is to create the optimum acoustic environment for today's modern buildings with respect to noise control and privacy in open & cellular office plan.

Metal ceilings are excellent for meeting architects and owners acoustic requirements. Acoustical performance depends on perforation pattern and material used behind it.

Supersil suggests use of Fibre Glass wool with appropriate thickness and density depending on capturing of either high frequency or both low and high frequency. Also, Glass wool is suggested for Thermal Insulation.

Further for achieving NRC (Noise Reduction Coefficient) up to 0.95 suggested use is of Non Woven Cloth. Glass wool is encapsulated in Non woven cloth bag of panel size and laid over panel with spacer. Non woven cloth can be simply glued on rear side of panel for NRC up to 0.80.

SD 16 Perforated tile
10 mm plain border, 22% open area, 25 mm thick X 48kg/m³ density mineral wool. Encapsulated in Non Woven Cloth bag

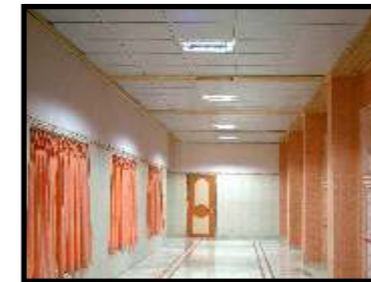
Absorption

Frequency Hz					
125	250	500	1000	2000	3150
0.49	0.95	0.86	0.95	1.04	1.05

Generally tested on 600 X 600mm module with exposed grid system **NRC = 0.95**

Perforation Patterns

SD 16
1.6 mm dia hole
3.0 mm pitch
22% open area



SD 20
2.0 mm dia hole
7 mm pitch
7% open area



SR 25
2.5 mm dia hole
5 mm pitch
20% open area

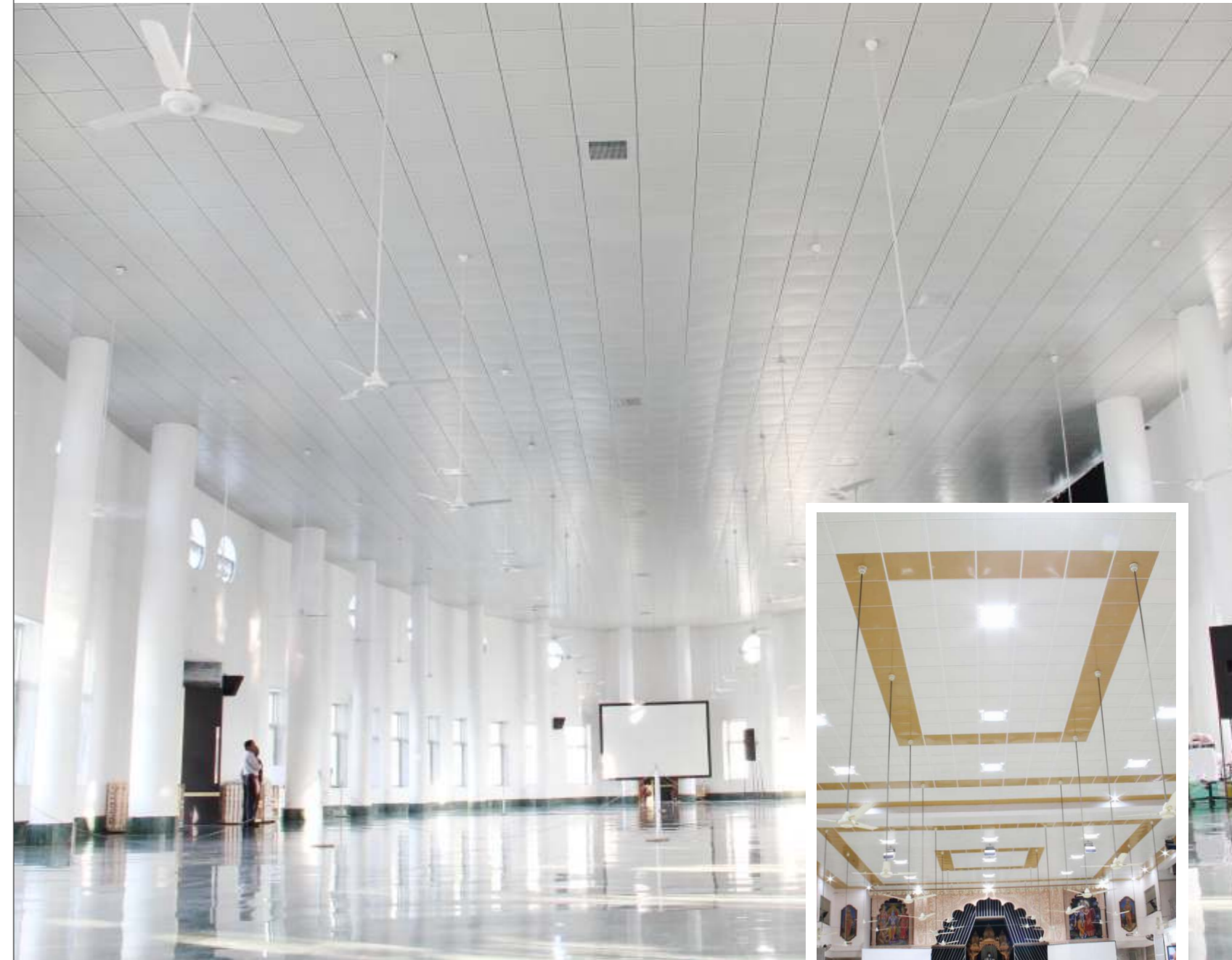
SD 30
3 mm dia hole
7 mm pitch
15% open area

SD 50
5 mm dia hole
8 mm pitch
30% open area

SR 60
6 mm SQ hole
12 mm pitch
21% open area

575*575 / 585*585 / 1175*275 / 1175*575

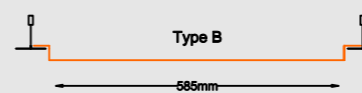
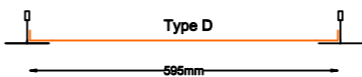
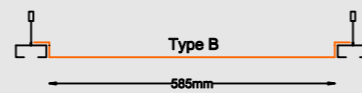
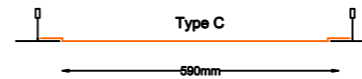
Combining the ease of installation afforded by interlocking grid systems with the manufactured accuracy and durability of press formed tiles, the Supersil regular System provides an economic solution to many ceiling requirements. The system creates a modular arrangement with the tiles laying into the chosen grid, access to services is gained by simply lifting the tiles into the void space. A number of acoustic requirements can be met with the introduction of an acoustic inlay in the back of a perforated tile.



24mm / 15mm / Silhouette / Select

Supersil 24mm Coil Coated Galvanized Steel T

Types	Cross Section	Height	Width	Thickness	Length	Colour
Main Tee		32	24	0.3	3600	White
Cross Tee		23	24	0.3	1200 600	White



Supersil 15mm silhouette T with center Black

Types	Cross Section	Height	Width	Thickness	Length	Colour
Main Tee		32	15	0.3	3600	Black
Cross Tee		32	15	0.3	1200 600	Black



Supersil 15mm Coil Coated Galvanized Steel T

Types	Cross Section	Height	Width	Thickness	Length	Colour
Main Tee		32	15	0.3	3600	White
Cross Tee		23	15	0.3	1200 600	White



84R V3

Supersil Metal Elevations also has an option to traditional Fabric Awnings in Aluminium or Steel. The continuity adds an impressive new dimension to the building system. Curvature look of 84R Panels allows freedom from plain look of fabric for better aesthetics. V3 carrier is designed for interlocking of 84R panels on front & rear side to give Water proofing, Sturdiness and allows distinct colour combination. Exterior Supercote Powder Coating finish adds benefit like Durability, Colour fastness, Humidity resistive, Corrosion resistive over and above the recyclable product for Green environment and Energy efficient.

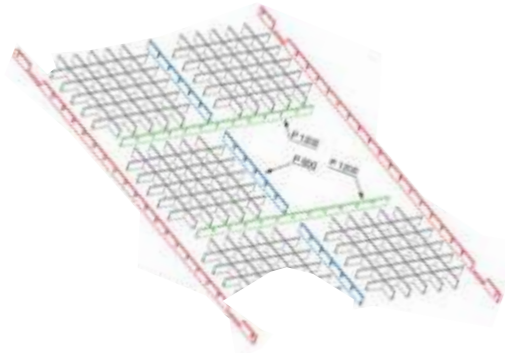
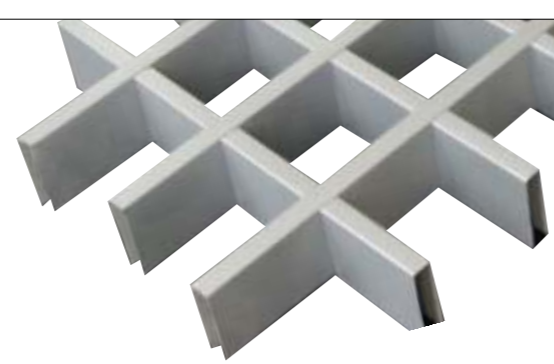


C50 / C75 / C100 / C150 / C200

Supersil has an option in Cell ceiling for the application where an Open ceiling is required for space appearance with light weight structure.

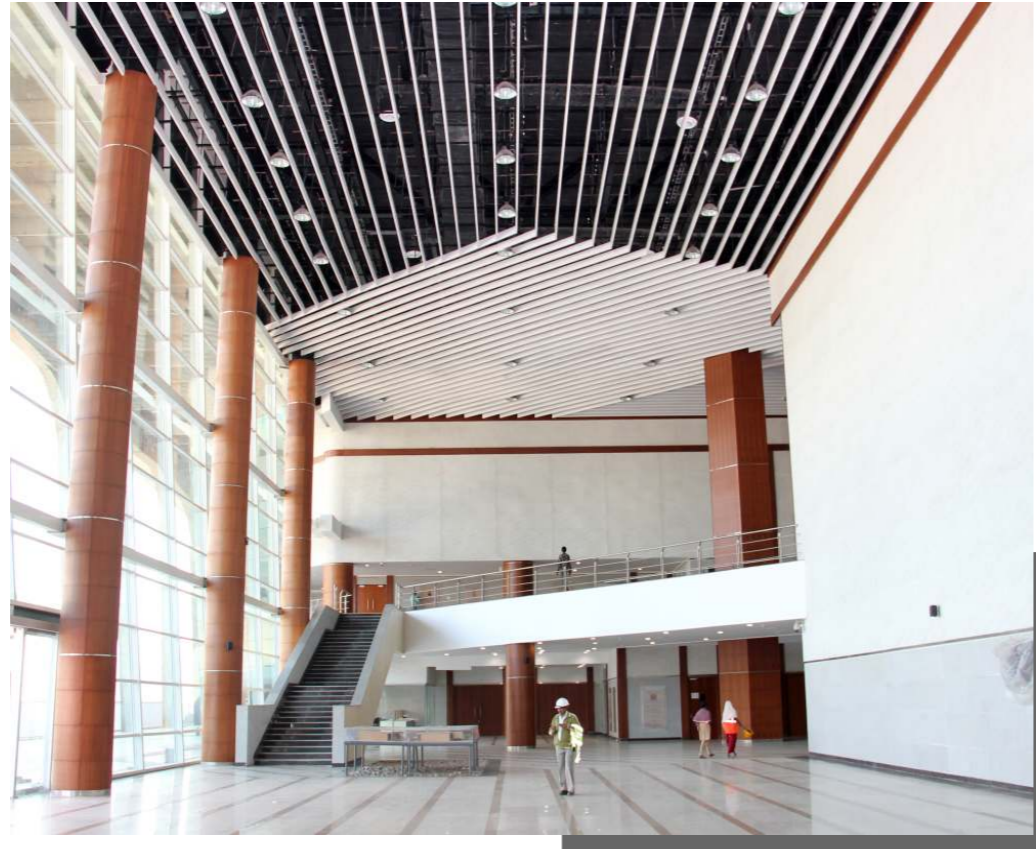
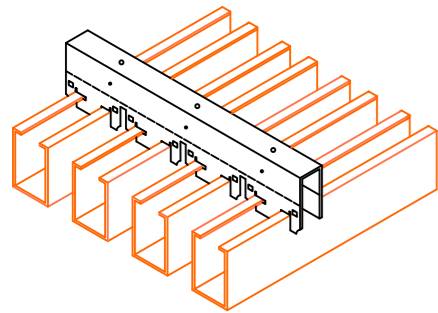
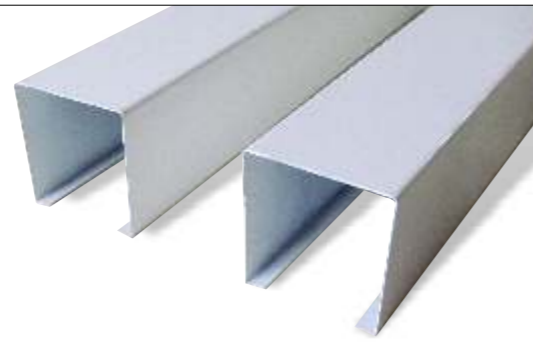
Aluminium Open Cell ceiling offers functionally full height to incorporate all integrated services while visually the room height is reduced. In large open areas like Shopping malls, Entrance Foyers, Convention Halls, etc. this ceiling is recommended and it gives many permutations and combinations to designer.

10mm width gives slim look while 40 / 50mm height gives continuity and in grid of 600 * 600mm or 600 * 1200mm it is easy for maintenance.



25 & 50mm / Height upto 200mm

This U shape ceiling system provides an effective one directional visual screen in a range of modular sizes to suit the application giving effective close look though it is an open ceiling. Integrated services like Lighting, Sprinklers, etc. can be installed above the grid to give the continuity. High flexibility of design allows this to be used in larger areas like Hall, Metro Stations, Convention Centres, etc. U shape Curtain is highly used in building elevations with exterior SUPERCOTE powder coat finish to conceal ducts, sanitary and other services. Aesthetics & Design Patterns in continuity make this Screen Cladding a favourite for Architects and Builders.



SUPERCOTE Exterior Paint Finish

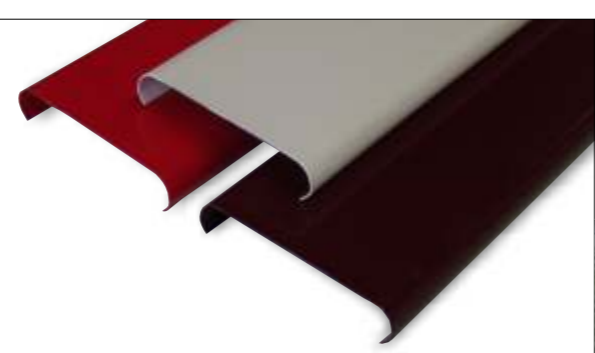
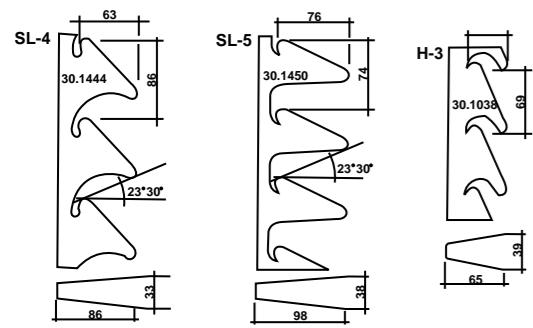
84R SL4 / SL5 / H3

The installation of a Sun-louvres in an effective and simple way to protect a building and its occupants against direct solar radiation. The interception of direct sun rays prevents excessive heat penetrating through the windows. Intensive light spots are eliminated and rooms are more evenly illuminated.

Because of the open construction of a sun louvre, the natural air flow is not interrupted. This System is highly used by builders to conceal ducts, sanitary pipes, etc. because of ease of maintenance and exterior paint finish by Supersil of SUPERCOTE.

SUPERCOTE
Exterior Paint Finish

- Corrosion Resistant
- Color Fastness
- Humidity Resistant
- Water Resistant
- Highly Durable



Z Shape Screen

Z100 / Z200

This Standard Screen Ceiling has been installed successfully over years as part of suspended ceiling. Unique Z shape allows flat 20mm colour strip on visibility and height of 100mm then takes care to hide the suspension unless seen directly from below, though open and has clear distance of 100 / 200mm it gives unique screen look if seen from distance. Aesthetically superb. Functionally full height of room remains but visually the height is reduced. Ventilation remains same but it conceals all integrated services with visibility. To reduce the appearance of services it is advised to paint black all services above false ceiling height.

