# METAL MATRIEX

FALSE FLOORING | METAL CEILING | ACCESSORIES



Creating New Vistas...

MM FLOOR


The key to great design is capturing the spirit of the client and the essence of the space.
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## ABOUT US

MM Metal Matriex is a manufacturer/implementer with satisfied client nation wide since its inception in the year 2000. MM Metal Matriex has been successful professionally over 17 years and is very keen on customer service.

The MM Metal Matriex crew are the commandos of the false flooring/ ceiling world. A well experienced elite team that always gets the projects professionally done on time.

At MM Metal Matriex we all come to work every day because we are eager to complete our projects and thirsty for more challenges.

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**A Kaleidoscope of New Possibilities in False Floorings, Metal Ceilings, and Accessories**

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## OUR COMMITMENT

MM Metal Matriex is committed to coherent and consistent implementation of custom made, Versatile, durable, cost-effective, and eco-friendly solutions in the stipulated time frame.

## OUR VISION

MM Metal Matriex envisages for itself unprecedented and unparalleled growth through continued and sustained innovation, along with acquisition of latest technologies to attain the pinnacles of success

## Our Sector

MM Metal Matriex has been successfully providing deliverables from the manufacturing unit which caters to various range of industry. Assured of supporting their clients with high precision, engineered, well designed, flawless fabricated product they constantly work and leave no stone unturned in its quest for quality.




Information Technology
Hotel
Hospital
Retail Stores
Power Steel Industries

## OUR MANUFACTURING UNIT IN CHINA



It has successively passed the certifications of ISO9001:2008 international quality management system, ISO14001:2004 environmental management system and ISO18001:2008 occupational health and safety management system. All its products satisfy the national and industrial standards.

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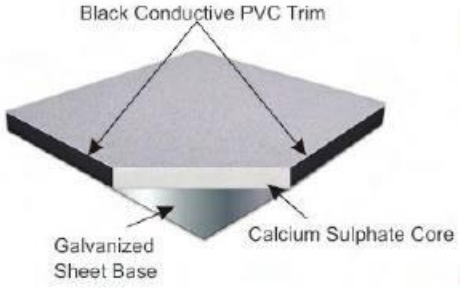
## Calcium Sulphate Panel Series

Calcium Sulphate panels have been widely used as raised floors. It is made out of high-density calcium sulphate encased in galvanized formed steel sheets during dipping while hot. This calcium sulphate panels are composed of high-grade calcium sulphate or cement encapsulated which maximizes higher impact tolerance.

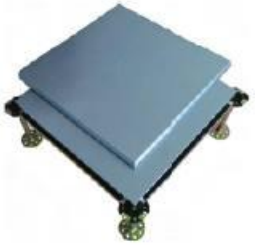
Top-notch and long-lasting Calcium Sulphate raised floors are available in different varieties. Some of the unique features like high dimensional precision, anti-static, intolerant to heavy load, shockproof, fire-proof, pollution-free, hassle-free and quick to assemble, adjustable pedestal height has made it more popular for usage in the Industrial sector..






## Features

Characteristic of novel structure and high bearing strength it can retard inflaming and resist corrosion without any pollution.



## Performances

As a kind of calcium sulphate crystal, it is high in integrated intensity and resists high temperature and inflaming. Calcium Sulphate panels, which have been used vastly as raised floors, is made out of high-density calcium sulphate encased in galvanized formed steel sheets during dipping while hot. This calcium sulphate panels composed of high-grade encapsulated calcium silicate or cement or some time cement particle board in core which maximize higher impact tolerance. And, in order to provide additional robustness, top and bottom steel sheets are attached strongly by means of profiled edges successfully.

## Support

It is equipped with supports on four corners of which height can be adjusted



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# Calcium Sulphate Bare Panel

The panel surface is epoxy coated that provides high electrical insulating properties. Such floor panels are used in office buildings, hotels etc where requirements such like dust-proof and waterproof have to be achieved.

| Type | Concentrated Load (Point Load) | Ultimate Load | Uniformly Distributed Load |
|---|---|---|---|
| | Kg/Sq.Inch | Kg | Kg/Sq.Mtr |
| CS 800 | 360 | 1091 | 1733 |
| CS 1000 | 450 | 1361 | 2345 |
| Size | 600 mm x 600 mm x 30mm | | |
| Flatness | ≤ 0.6 mm | | |
| Vertical | ≤ 0.3 mm | | |
| Performance | Fire rated | | |

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# Calcium Sulphate HPL Panel

The hpl panel is used for computer room, data centers, electrical engineering job sites and aerospace workplace. These panels are made from high-quality steel with a heavy rolling load bearing capacity. It can retard inflaming and is long-lasting. It is equipped with adjustable beam support. It can be handled and maintained easily and is pollution-free.

| Type | Concentrated Load (Point Load) | Ultimate Load | Uniformly Distributed Load | System |
|---|---|---|---|---|
| | Kg/Sq.Inch | Kg | Kg/Sq.Mtr | Resistance |
| CS 800 | 360 | 1091 | 1733 | Static Dissipative 10^6Ω -10^10 Ω |
| CS 1000 | 450 | 1361 | 2345 | |
| Flatness | | ≤ 0.1 mm | | |
| Vertical | | ≤ 0.1 mm | | |

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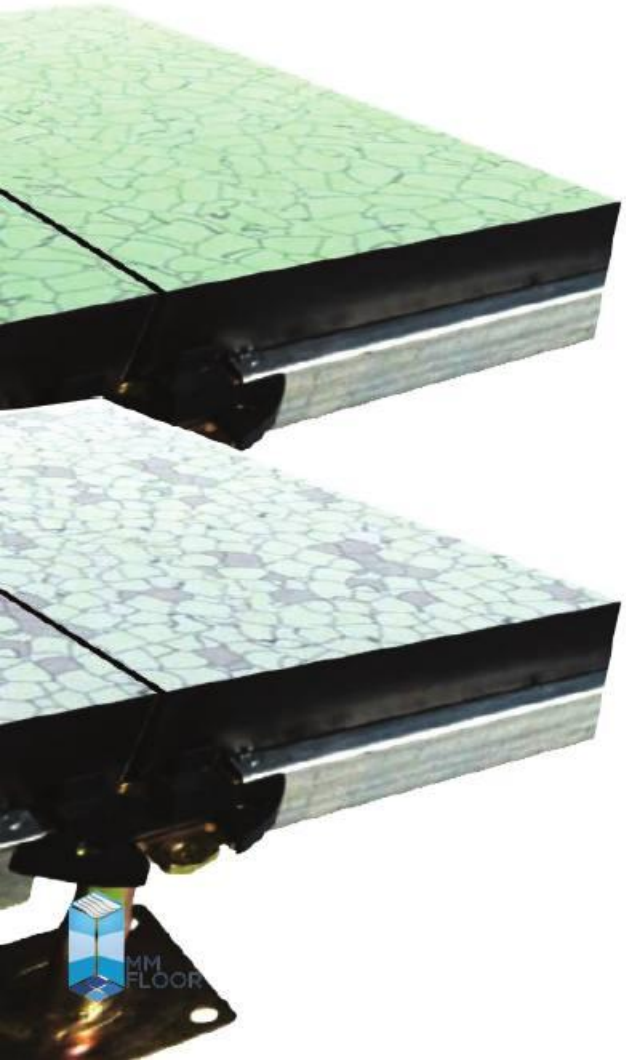
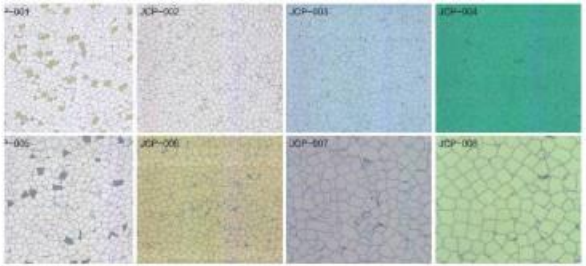


## Calcium Sulphate PVC Panel

PVC panel has high resisting static electricity. These highly durable PVC resin material panel is waterproof, dust-free,fire-proof,corrosion free and wear resistant. These panels are used in the multimedia classrooms, multifunctional conference hall, supermarkets, gyms etc.

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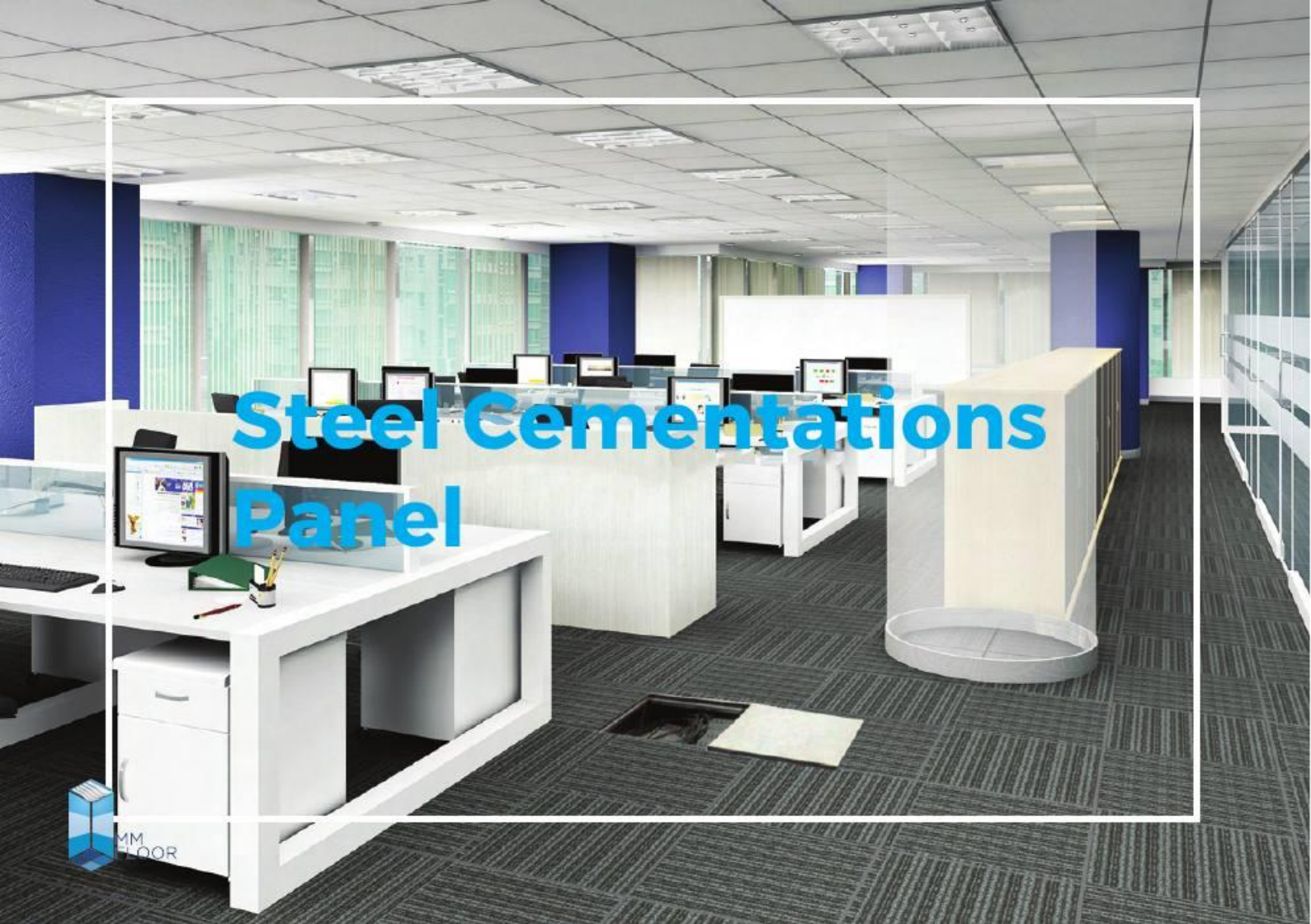
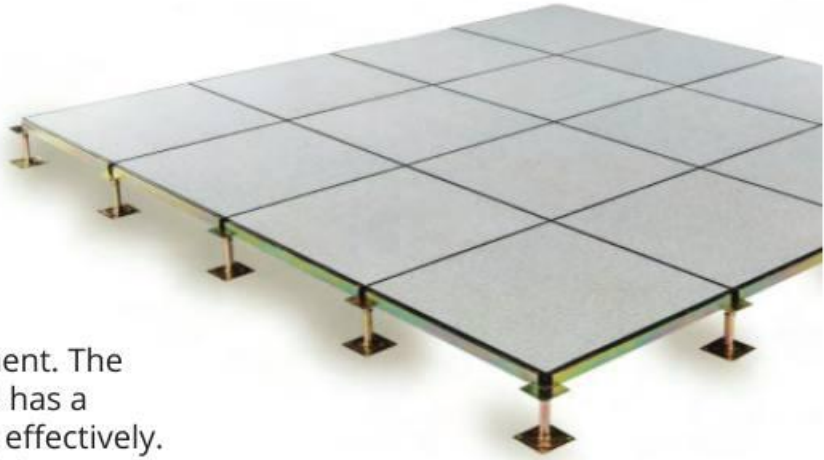

Steel Cementations
Panel



## Steel Cementations Panel

It is made of steel plate infilled with light cement. The surface is coated with epoxy paint. The panel has a screw down design that supports the system effectively. Installation of the panel is easy and has a stable structure. The light weight cement makes the panel strong and immune to noise. The steel cementation panels are used in communication centres, data center, and computer rooms.

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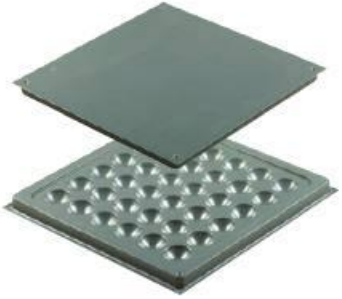
# Steel Cementations
# Bare Panel



The Steel Cementitious bare panel has heavy load bearing capacity. It is non-combustible, non-toxic and does not produce noise while stepping on the floor. It remains unaffected under any temperature variations.

| Type | Size | Concentrated Load (Point Load) | Ultimate Load | Uniformly Distributed Load |
|---|---|---|---|---|
| | mm | Kg/Sq.Inch | Kg | Kg/Sq.Mtr |
| FS 800 | 600 x 600 x 33 | 360 | 1091 | 1733 |
| FS 1000 | 600 x 600 x 33 | 450 | 1361 | 2345 |
| FS 1250 | 600 x 600 x 33 | 560 | 1700 | 3365 |
| FS 1500 | 600 x 600 x 35 | 680 | 2039 | 4383 |
| FS 2000 | 600 x 600 x 35 | 900 | 2723 | 5080 |
| FS 2500 | 600 x 600 x 35 | 1130 | 3397 | 5947 |
| Flatness = 0.6mm | | | | |

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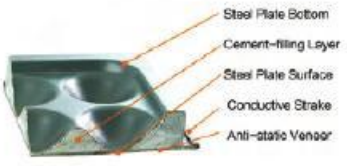
# Steel Cementations HPL Anti-Static Panel

The Steel Cementitious panel- Anti-static HPL panel known for its style and strength has good fire resistance properties. It shows great resistance to wear and tear. It is widely used in many applications which demand strength and stability.



| Type | Concentrated Load (Point Load) | Ultimate Load | Uniformly Distributed Load | System |
|---|---|---|---|---|
| | Kg/Sq.Inch | Kg | Kg/Sq.Mtr | Resistance |
| FS 800 | 360 | 1091 | 1733 | |
| FS 1000 | 450 | 1361 | 2345 | |
| FS 1250 | 560 | 1700 | 3365 | Conductive 10^4Ω -10^6 Ω |
| FS 1500 | 680 | 2039 | 4383 | |
| FS 2000 | 900 | 2723 | 5080 | Static Dissipative 10^6Ω -10^10 Ω |
| Flatness | ≤ 0.6 mm | | | |
| Vertical | ≤ 0.3 mm | | | |

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# Steel Cementations HPL Anti-Static Panel Without Edge Beading

To serve the client a perfect tile, the HPL panels were customised according to their requisite. It exhibits great resistance against wear and tear, lesser maintenance and has no chipping or crack issues. It is used in many applications, where reliability and durability are focussed.

| Type | Concentrated Load (Point Load) | Ultimate Load | Uniformly Distributed Load | System |
|---|---|---|---|---|
| | Kg/Sq.Inch | Kg | Kg/Sq.Mtr | Resistance |
| FS 800 | 360 | 1091 | 1733 | |
| FS 1000 | 450 | 1361 | 2345 | |
| FS 1250 | 560 | 1700 | 3365 | Conductive 10^4Ω -10^6 Ω |
| FS 1500 | 680 | 2039 | 4383 | |
| FS 2000 | 900 | 2723 | 5080 | Static Dissipative 10^6Ω -10^10 Ω |
| Flatness | | ≤ 0.6 mm | | |
| Vertical | | ≤ 0.3 mm | | |

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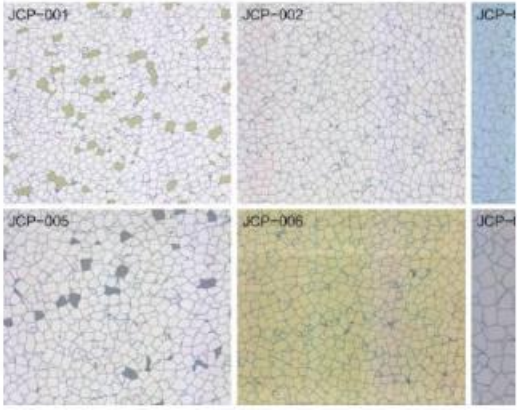
## Steel Cementations Homogeneous PVC

The Homogenous PVC panel has excellent tones and textures and is free from dust. It is very easy to maintain and has a smooth finish. It has a good load-bearing capacity and does not cause any damage on collision. It is widely used in manufacturing plants, workshops, hospitals etc.

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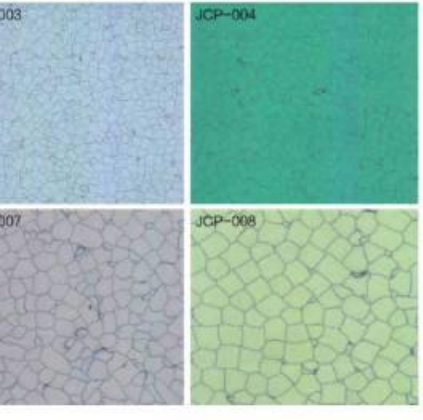
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JCP-004
007
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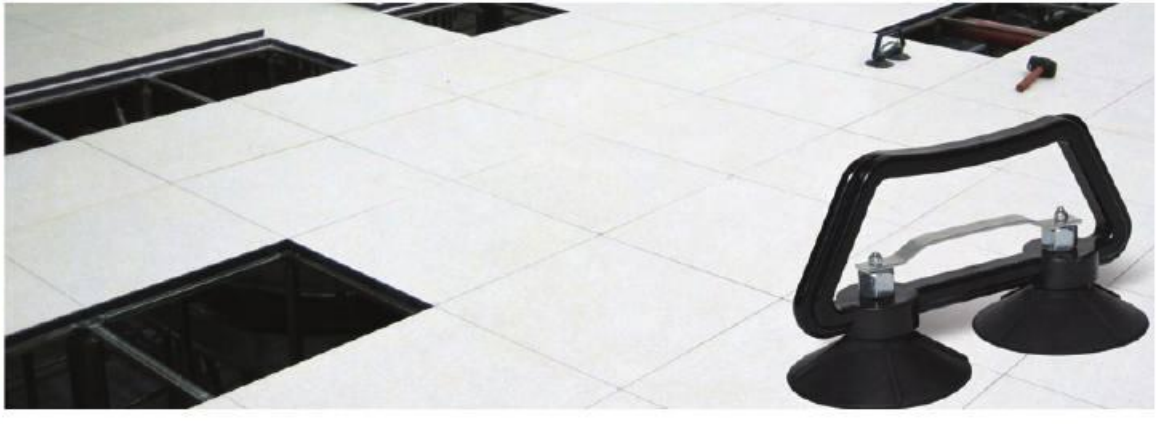


Woodcore HPL
Anti-Static Panel



# WOODCORE BARE PANEL

The wood core bare panels are made of high-density composite wood which is encapsulated in steel sheets. These panels are highly durable, reliable and show good acoustic performance.

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# WOODCORE HPL ANTI STATIC PANEL

The wood core antistatic HPL panel is made of high-density chipboard placed on steel or aluminium foil covered base and the top surface has anti-static finish such as HPL. It has good abrasion proof. It is corrosive free and is an environmental-friendly product.

| Type | Concentrated Load (Point Load) | Ultimate Load | Uniformly Distributed Load | System |
|---|---|---|---|---|
| | Kg/Sq.Inch | Kg | Kg/Sq.Mtr | Resistance |
| WC Light | 305 | 900 | 1275 | 10^6Ω -10^10Ω Static |
| WC Medium | 360 | 1100 | 2020 | |
| Flatness | | ≤ 0.1 mm | | |
| Vertical | | ≤ 0.1 mm | | |

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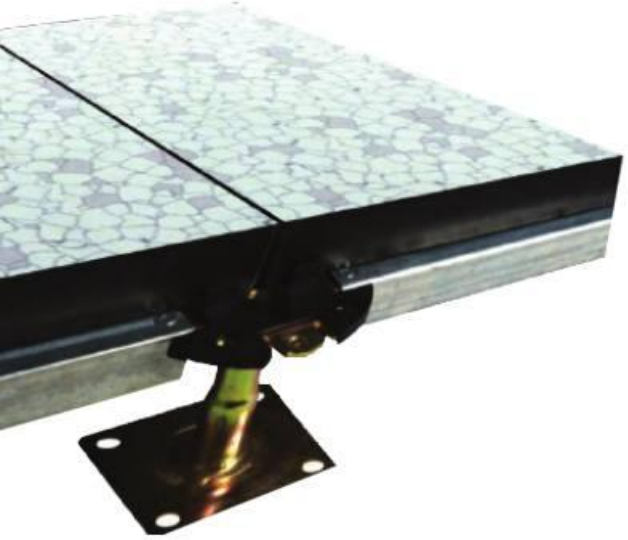

## WOODCORE PVC PANEL

The wood core PVC panel core is made of choice high-density chipboard, with PVC on the surface. The bottom uses galvanised steel sheet or aluminium foil, and the floor is inlaid with conductive PVC four side ending. It is easy to clean and maintain and can effectively absorb indoor noise.

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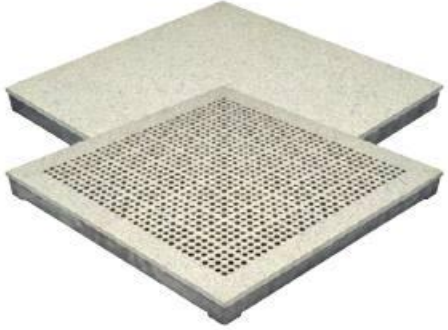
# ALUMINIUM ACCESS FLOOR

Aluminum access floors are cast from aluminum ingot. These floors are lightweight, non-corrosive and sturdy and show good electrical and thermal conductivity. Aluminum access floors are widely used in data centers, aerospace, military command headquarters, clean room etc. The advantage of using such floors is that they are economical and fully recyclable.





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# Ceilings

An artistic and creative ceiling design adds subtlety to the room atmosphere. Choose from our wide range of beautiful designs to enhance the look of your room. Our modern manufacturing facilities, certified quality and experienced engineers provide you with the ultimate in technology, quality and design.

Our ceiling systems are not only eye candy – they improve the acoustics in your room, create a pleasant working environment and reliably protect both building and visitors against fire.



Metal Ceiling



Linear Open Cell Ceiling



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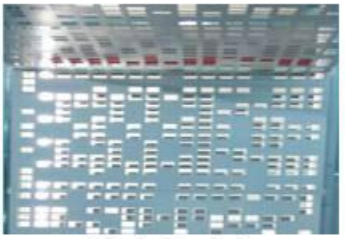
Square Open Cell Ceiling



Mesh Partition



Baffele Ceiling



Mesh Ceiling



Customized Ceiling



Installation Methods

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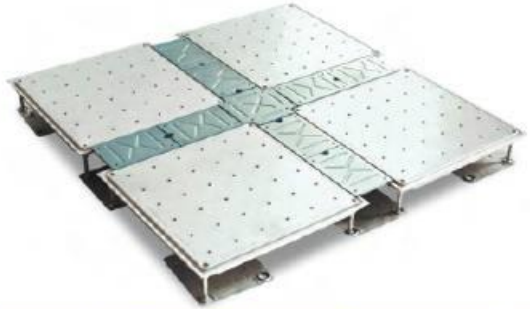
# Other Products

## Hollow Panel



| Type | Size | Concentrated Load (Point Load) | Ultimate Load | Uniformly Distributed Load |
|---|---|---|---|---|
| | mm | Kg/Sq.Inch | Kg | Kg/sq.Mt |
| MM HT 503A | 500 x 500 x 25 | 200 | 552 | 992 |
| MM HT 503B | 500 x 500 x 25 | 300 | 903 | 1275 |
| MM HT 503C | 500 x 500 x 25 | 360 | 1091 | 1733 |
| MM HT 503D | 500 x 500 x 25 | 450 | 1362 | 2345 |





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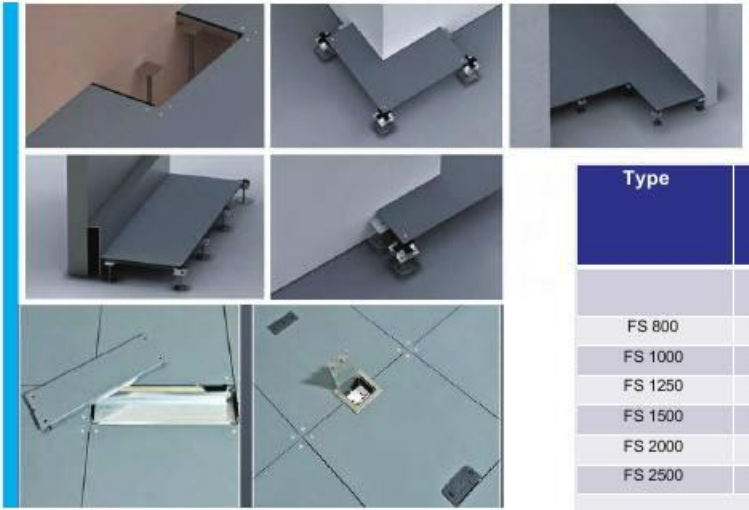


# FS Series Bare panels with Raceway or Trunking

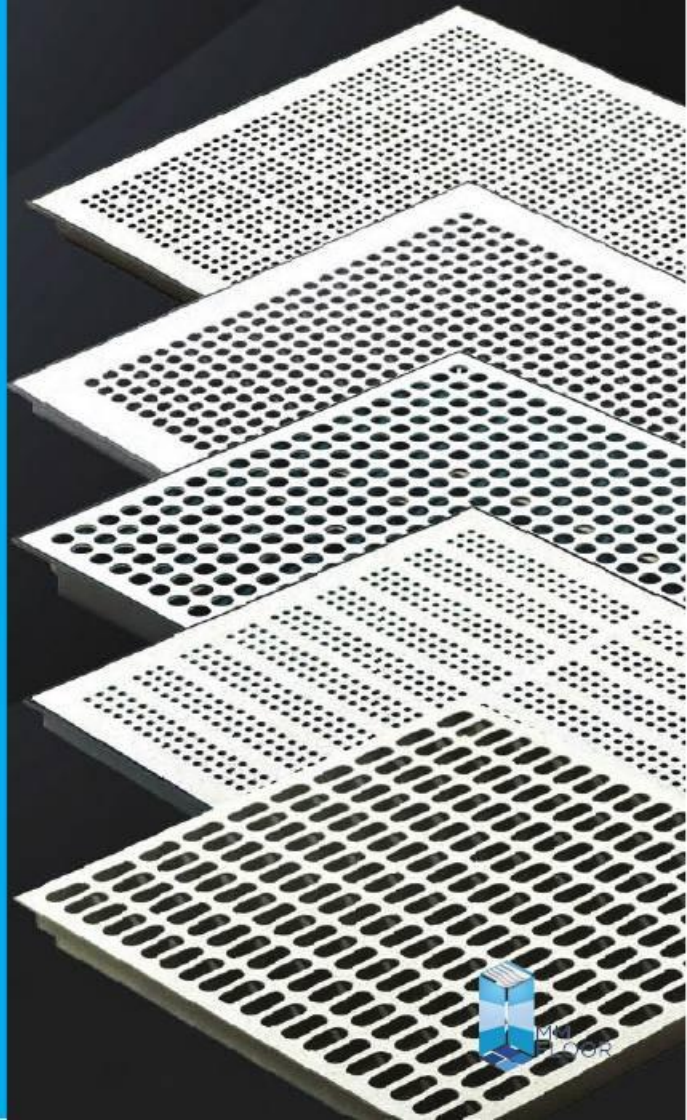
| Type | Size | Concentrated Load (Point Load) | Ultimate Load | Uniformly Distributed Load |
|---|---|---|---|---|
| | mm | Kg/Sq.Inch | Kg | Kg/Sq.Mtr |
| FS 800 | 600 x 600 x 33 | 360 | 1091 | 1733 |
| FS 1000 | 600 x 600 x 33 | 450 | 1361 | 2345 |
| FS 1250 | 600 x 600 x 33 | 560 | 1700 | 3365 |
| FS 1500 | 600 x 600 x 35 | 680 | 2039 | 4383 |
| FS 2000 | 600 x 600 x 35 | 900 | 2723 | 5080 |
| FS 2500 | 600 x 600 x 35 | 1130 | 3397 | 5947 |
| Flatness = 0.6mm | | | | |



## VENTILATED FLOOR PANEL SERIES

The combination of ventilated floor is similar to that of the anti-static all steel floor in structure but its enclosed space is of no foaming filter. There are punched vents on the upper and lower steel plates of the floor as well as the veneer. The ventilated floor used with the all steel access floor is applicable to the sites with ventilation requirements for the underneath of the floor.







## FLOOR LIFTING MACHINE

In order to facilitate the installation and maintenance of floors, the special floor lifting machine is divided into the single sucker type machine and the double sucker type machine. It can be replaced by glass lifting machine.



## OUTLET BOXES

As required in projects, the floors should be tapped at the jobsite or delivered to the jobsite after batch taping. The tapped floors can be equipped with outlet boxes in addition to the special grounding sockets.



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## FLOOR BEAMS

The floor mounted with supports around must be equipped with galvanized steel beams. Whether the beams needs to be pasted and sealed with adhesive tape for buffer is determined as required in the project

## SUPPORTING BRACKETS

All the floor support systems and accessories are produced in MM group. The support system can be adjusted in accordance with the installation methods of the floors with different specifications and models.



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## SPECIAL GROUNDING SOCKETS FOR FLOORS

Customers' satisfaction is our motto. To facilitate user's installation and improve the intelligent integrated functions of raised net floor, the group jointly researched and develops the special grounding sockets for raised net floors with partners.



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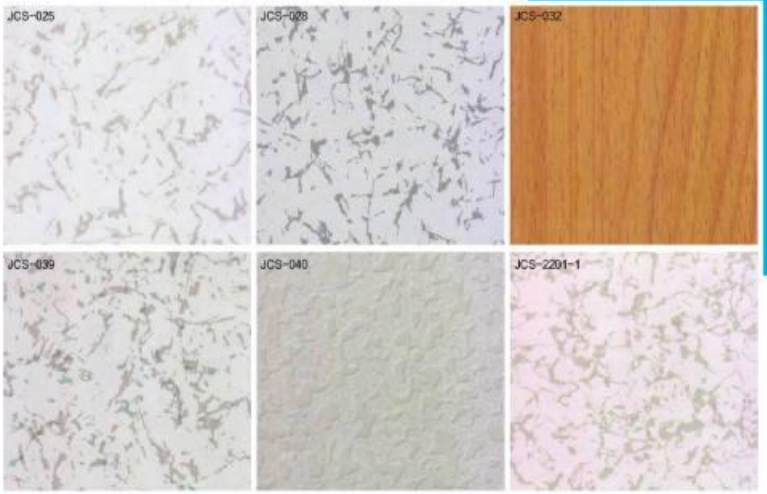
## FLOOR DECORATION SERIES

Rigid, resistant against heat, wear, scratch, pollution and impact and easy to wash, the anti-static melamine cover is applicable to such places as computer rooms, program-controlled, commanding rooms, monitoring rooms and multi-media classrooms.




| Name | Size (mm) | Remarks |
|---|---|---|
| Anti – static melamine cover | 600 x 600 x 0.8 | Special specifications and dimensions can be provided according to buyer's requirements |
| | 600 x 600 x 1.0 | |
| | 600 x 600 x 1.2 | |
| | 600 x 600 x 1.5 | |

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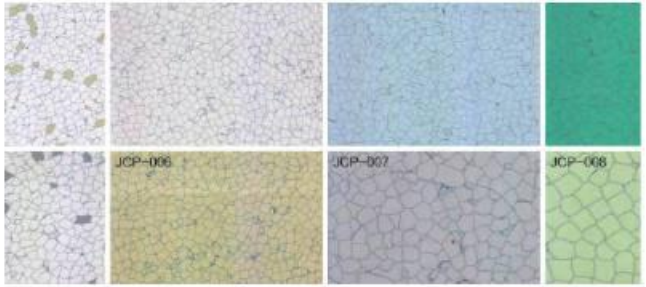
# HOMOGENEOUS PVC

Based on the PVC resin, this kind of floor is made by use of special processing technology which is characteristic of resisting static electricity, dust, flame, corrosion, more patterns and colors. Pasted with steel floors, it can produce better effect which is especially applicable to places as computer rooms, program-controlled, commanding rooms, monitoring rooms, multi-functional conference halls and multi-media classrooms.




**SIZES: 500 x 500 x 25mm 210 x 310mm 180 x 180mm 600 x 600mm**

| Type | Size | Concentrated Load (Point Load) | Ultimate Load | Uniformly distributed load (UDL) |
|---|---|---|---|---|
| | mm | Kg/Sq.In | Kg | Kg/Sq.Mt |
| MM HT 503A | 500 x 500 x 25 | 200 | 592 | 992 |
| MM HT 503B | 500 x 500 x 25 | 300 | 903 | 1275 |
| MM HT 503C | 500 x 500 x 25 | 360 | 1091 | 1733 |
| MM HT 503D | 500 x 500 x 25 | 450 | 1362 | 2345 |

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2012
Our warehouse was
expanded to
12000 Sqf


MANIPAL
Energy & Infrastructure Limited
Alcatel·Lucent
इंडियनऑयल
IndianOil
Amway
JPMorganChase
NIKE
TEXAS INSTRUMENTS
amazon
ERICSSON
CONVERSANT
informatica
ORACLE
Honeywell
Infosys
ARISTA

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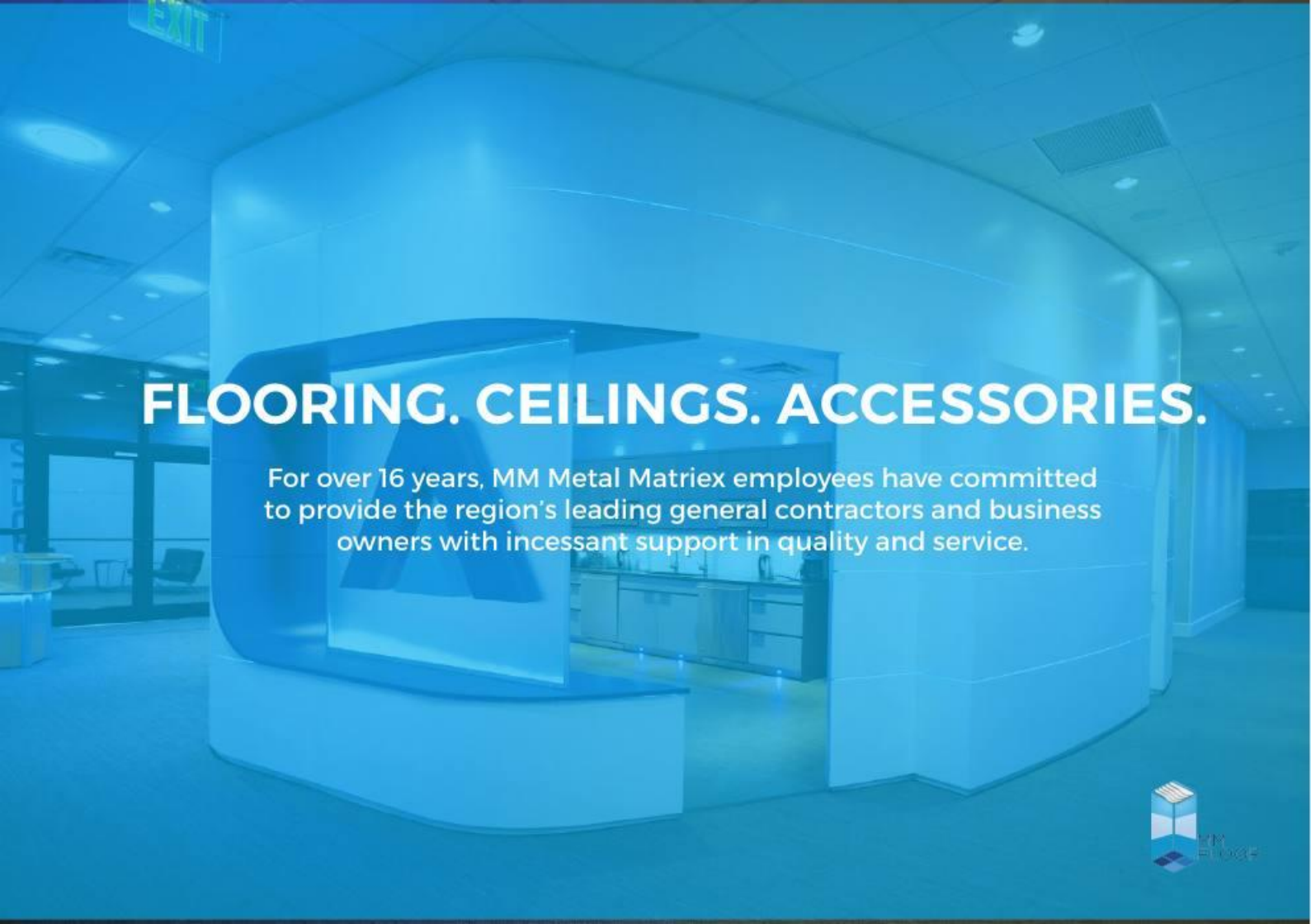


# FLOORING. CEILINGS. ACCESSORIES.

For over 16 years, MM Metal Matriex employees have committed to provide the region's leading general contractors and business owners with incessant support in quality and service.




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