
STRONGER PANELS BY DESIGN

Steel Cementitious

NEW DR DOUBLE RIB PANEL

- Unique double rib edge beam construction.
- Additional 20% more welds.
- 90˚ formed corners.
- 49 reverse embossments.

MEANS : More strength
: More durability
: Less deflection

20% ADDITIONAL WELDS - TOTAL 124.

Improved edge load and durability.

49 REVERSE EMBOSSMENTS

Eliminates any unworked flat spot areas.

90˚ FORMED CORNERS

Additional load bearing strength where it matters

DOUBLE RIB EDGE BEAM CONSTRUCTION.

More strength less deflection

DIE FORMED STEEL PEDESTAL ASSEMBLY.

Positive location for increased lateral stability. Quiet performance with solid feel. Available in corner - Loc or freestanding. Low floor height from 75mm.

DOUBLE RIB STEEL CEMENTITIOUS.
SUPER FLAT PANEL - ADDITIONAL POST LEVELLING PROCESS AFTER WELDING.

CORROSION RESISTANT INSIDE AND OUT - IMMERSION BATH OF PHOSPHATE TO PROTECT INNER AND OUTER SURFACES, FOLLOWED BY BAKED EPOXY POWDER COAT FINISH.

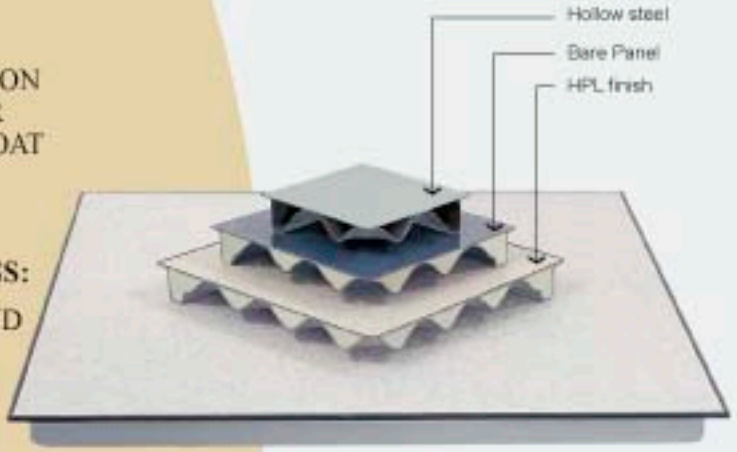
NON-COMBUSTIBLE - CLASS A FLAME SPREAD

WIDE RANGE FACTORY BONDED FLOOR COVERINGS:

IMPRINT TRIM: HIGH PRESSURE LAMINATE 1.2/1.5 AND 3.0mm THICKNESS.

INTEGRAL TRIM: 1.5 AND 3.0mm ONLY.

VINYL - 2.0 AND 3.0mm CONDUCTIVE AND STATIC DISSAPATIVE.

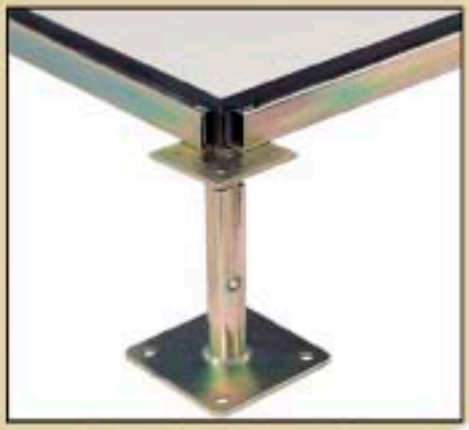


CARPETS CERAMIC TILES


HPL with Imprint Edge Trim


HPL with Integral Edge Trim

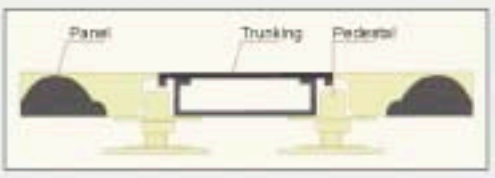

PVC Tile with PVC Edge Trim


Factory Bonded Ceramic Tile


Factory Bonded Carpet Tile

OA Series

- Designed for office use and with integrated with trunking system.
- Top access trunking cable for easy cable/data management.
- Fully interchangeable providing flexibility for frequent access for maintenance, layout changes and expansion / upgrading
- Positive location Pedestal for easy and quick installation
- Suitable for old and new buildings with loading limitation and headroom height constraint from 60mm.
- Non-conbustible / Class A flame spread

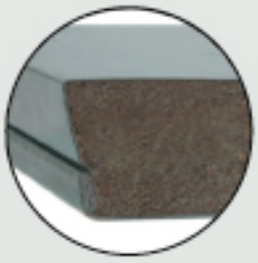


CALCIUM SULPHATE EC AND WOODCORE EW-SERIES

EC1000 Panel

COMPLETE STEEL ENCAPSULATION:
OF BOTH CORE MATERIALS WITH PRECISION DIE FORMED TOP AND BOTTOM GALVANIZED STEEL SHEETS, MECHANICALLY LOCKED AND POST FORMED TO ENSURE ULTIMATE EDGE PROTECTION AND PANEL DURABILITY.

IN BUILT STRINGER:
FORMS FROM A UNIQUE QUADRUPLE THICKNESS OF FOLDED STEEL AROUND THE ENTIRE PANEL BASE EDGE, GIVING EVERY PANEL AN INCREDIBLY HIGH DEGREE OF TENSILE RIGIDITY, TRANSLATING TO LOWER DEFLECTIONS AT HIGHER LOADINGS.

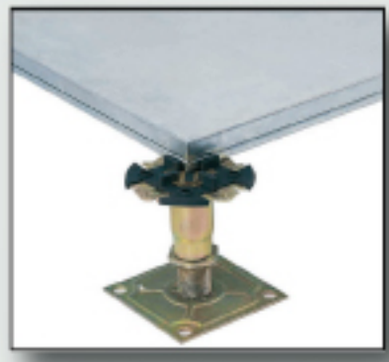


EW800 Panel

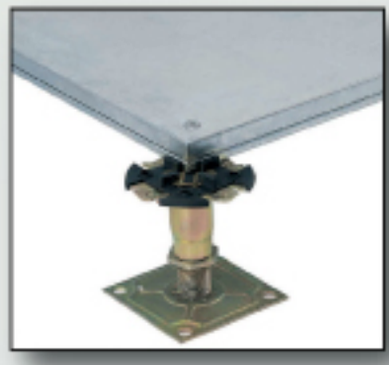
FLEXIBILITY:
CHOOSE EITHER A WOODCORE OR CALCIUM SULPHATE CORE PANEL.

HUILI UNDERSTRUCTURE:
GRAVITY LAY, CORNER-LOC AND RIGID GRID CONDUCTIVE PEDESTAL CAPS

FLOOR FINISHES AVAILABLE IN:
BARE, HPL IMPRINT TRIM OR INTEGRAL TRIM, CARPETS AND CERAMICS.



Encapsulated gravity lay



Encapsulated - Corner Loc

WOODCORE MC AND PVC EDGE BAND P.E. SERIES

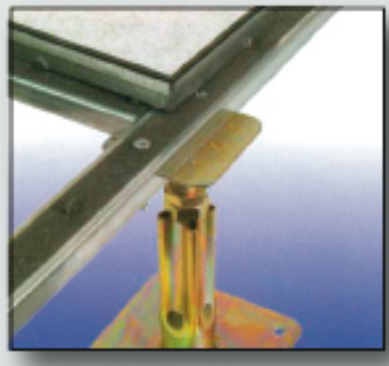
MC125 Panel

MC SERIES:
HIGH DENSITY WOODCORE ENCASED IN GALVANISED DIE FORMED STEEL TOP AND BOTTOM SHEETS.

MECHANICALLY LOCKED EDGE TRIM

FINISHES: HPL ANTI-STATIC 1.2/1.5 AND 3.0mm THICK
VINYL CONDUCTIVE & STATIC DISSAPATIVE 2.0 & 3.0mm THICK

UNDERSTRUCTURE: GRAVITY LAY OR HEAVY DUTY RIGID GRID.



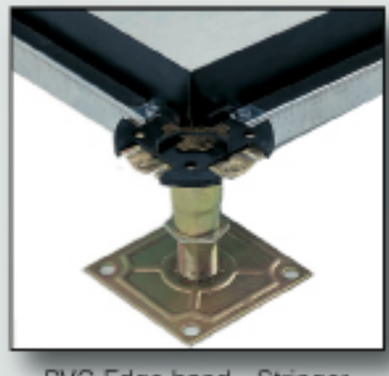
MC 125 - Extra heavy duty rigid grid

P.E Panel

PE SERIES:
P.V.C. EDGE BANDED ABS.
HIGH DENSITY 38mm WOODCORE - HEAVY GRADE GALVANIZED STEEL SHEET TOP AND BOTTOM

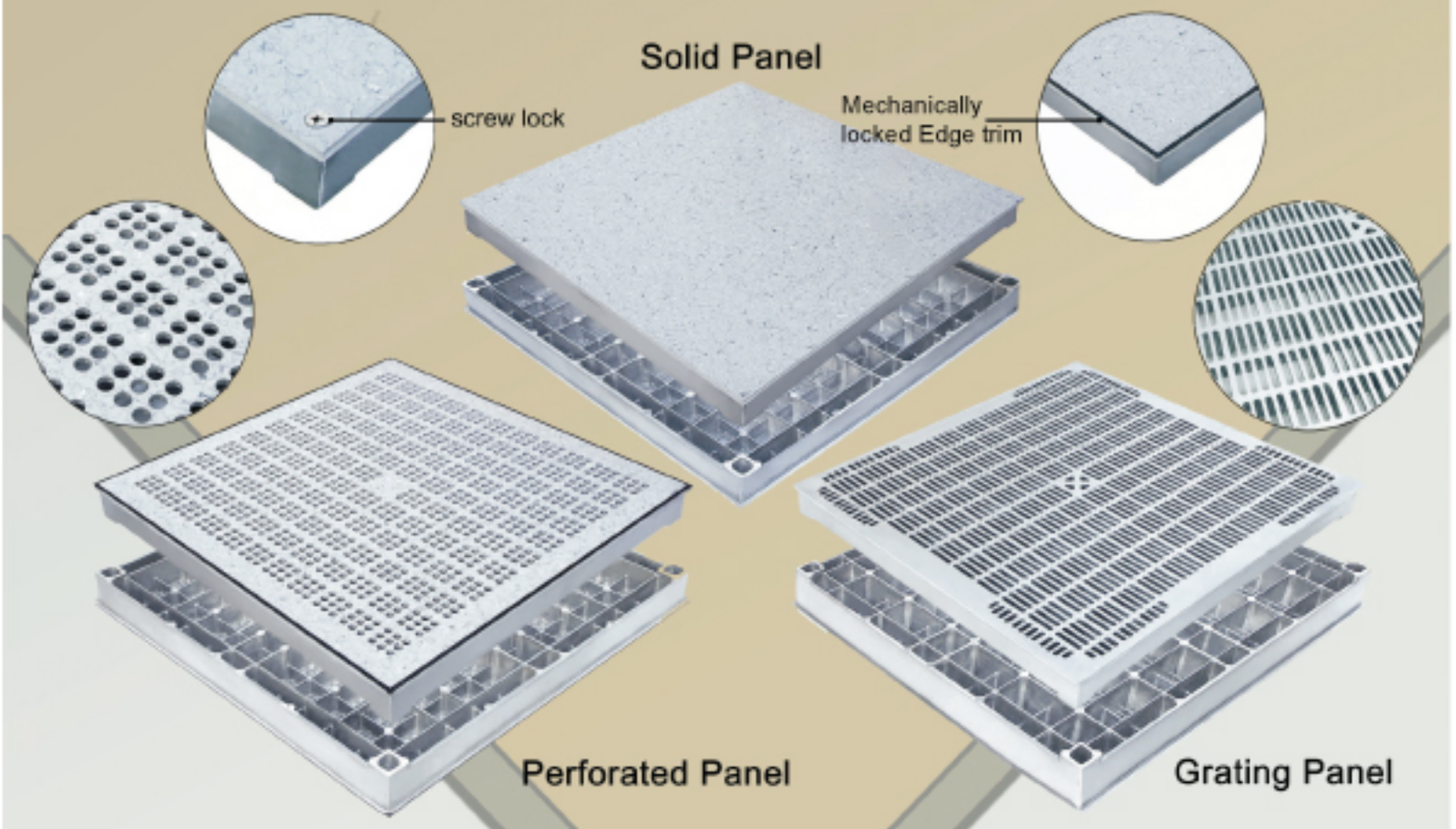
UNDERSTRUCTURE: GRAVITY LAY OR HEAVY DUTY RIGID GRID

FINISHES: MONOLITHIC HPL ANTI-STATIC 1.2/1.5 AND 3.0mm THICK
VINYL - CONDUCTIVE AND STATIC DISSAPATIVE 2.0 & 3.0mm THICKNESS



PVC Edge band - Stringer

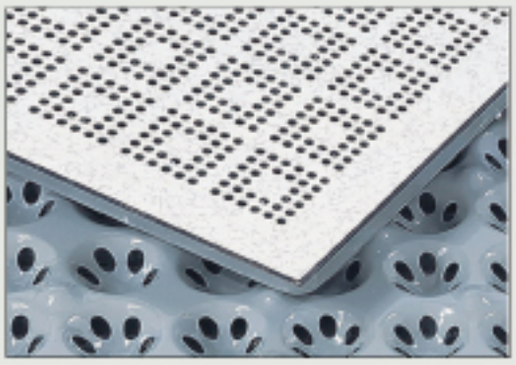
Die-Cast Aluminium



Aluminium Solid, Perforated & Grating Panels

- Panels are pressure die cast, designed with major and minor ribs to increase loading capacity
- Wide range of loading 500, 700, 1000 and 1200kg
- Interchangeable, easily removable, light and handy
- Available in conductive epoxy coating, Ni-Cr plating, conductive and ESD vinyl coverings and antistatic HPL covering
- Available with slide damper to regulate airflow
- All steel understructure system

Steel Perforated and Grating



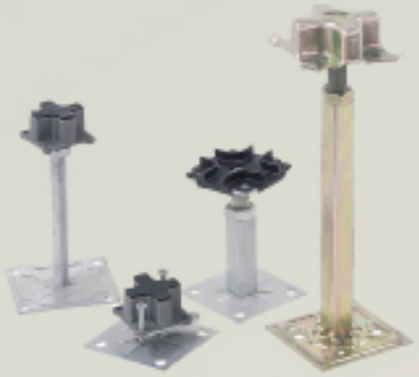
Perforated Panel

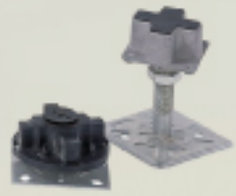
- Free open area of 25% allows for significant air movement
- Interchangeable with FS, EC/EW and MC series
- Properly distributes airflow to areas where additional air is required
- Available with or without mechanical slide dampers

Perforated Panel

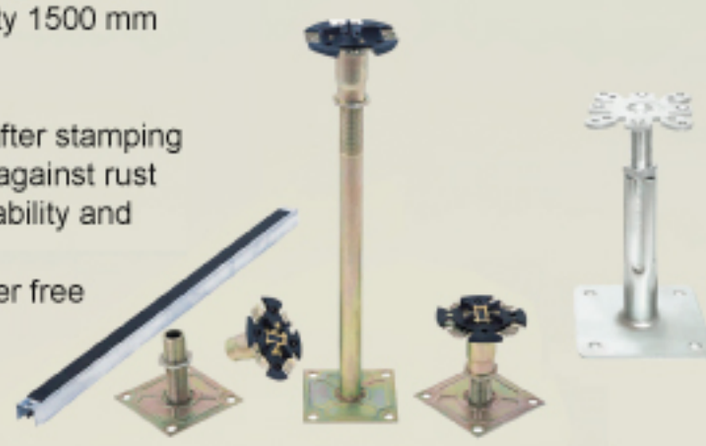
- Free open area of 50% allows for additional cooling requirement
- Interchangeable with FS, EC/EW and MC series
- Distributes large volume of airflow to areas housing computer equipment
- Available with or without mechanical slide dampers

Understructures

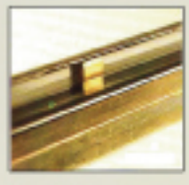




- A wide variety of versatile, structurally effective understructure support systems for all types of installation
- Height ranges from low-profile 50 mm to heavy duty 1500 mm high
- Electrical resistance of less than 10 onms
- Pedestals are dipped in corrosion resistant finish after stamping and welding to protect welds and raw steel edges against rust
- Steel die-formed pedestal head provides lateral stability and rigidity with positive location lag
- Understructure systems fabricated with zinc whisker free plating are available
- High strength pedestal for seismic zones 1 to 4 are available



Datacenter system requires strength and safety features



- **Electrical Continuity Clip**

To protect equipment and data by providing continuous path to earth

- **High Strength Understructure**

Strong understructure to support the equipment and use in seismic zones

- **Nickle Chrome Plating**

To eliminate zinc-whiskers

High strength seismic pedestal

Ni-Cr plating to Pedestal Assembly

Accessories

Aluminium Air Grille with Damper (450 x 150mm)

Air Diffuser

Single and Double suction cup panel lifter

Round Grommets
50mm to 125mm diameter

FB1

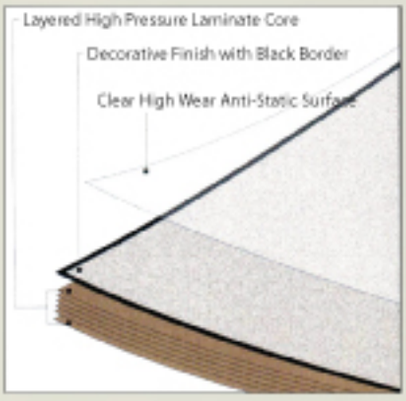
FB2

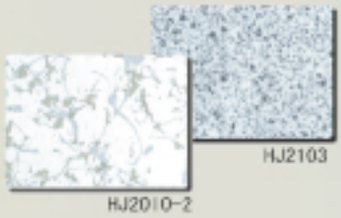
FB3

FB4

Electrical and Voice Data Boxes

High Pressure Laminate (HPL)





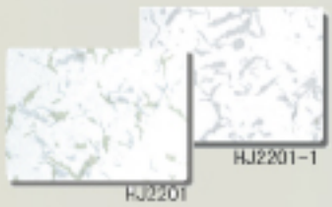
HJ2103

HJ2010-2

HJ2202

HJ2203

HJ2204

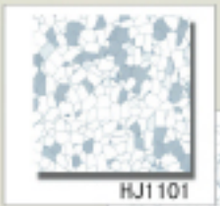


HJ2201-1

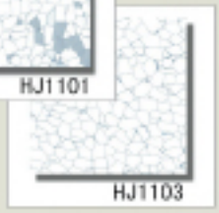
HJ2201

- Antistatic HPL is used in computer and data room
- Thickness ranges from 1.2 mm, 1.5 mm to 3.0 mm
- Hard wearing, easy maintenance & no waxing required

Conductive Vinyl (PVC)

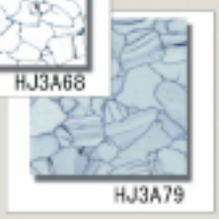


HJ1101

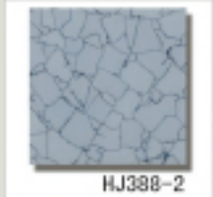


HJ1103

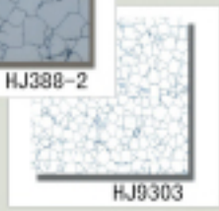
HJ3A68



HJ3A79



HJ388-2



HJ9303

- Conductive or static dissipative floor covering
- Available in 2 mm and 3 mm thick
- Recommended for use in computer/server room, telecommunication, clean rooms and laboratories and electronic manufacturing facilities

Performance Guide

Steel Cementitous Infill (600 x 600mm)

Panel	Static Loads (KN)			Rolling Loads (KN)		Impact Loads (KG)
	Conc.	Uniform.	Ultimate.	10 passes	10,000 passes	
FS 800	3.5	9.0	10.6	2.1	1.7	67
FS 1000	4.5	12.0	13.3	3.5	2.6	67
FS 1250	5.7	13.6	16.7	4.5	3.6	68
FS 1500	6.8	17.0	20.0	5.7	4.5	68
FS 2000	9.1	23.0	26.0	6.8	5.7	78
FS 2500	11.4	28.0	30.0	7.9	8.8	89
OA / FS 700	3.0	9.0	12.0	-	-	-
OA / FS 800	3.5	10.0	13.0	-	-	-
OA / FS 1000	4.5	15.0	17.0	-	-	-

Woodcore and Calcore (600 x 600mm)

Panel	Thickness (mm)	Static Loads (KN)			Rolling Loads (KN)		Impact Loads (KG)
		Conc.	Uniform	Ultimate	10 passes	10,000 passes	
EW 800	26	35	8.5	15.0	3.5	2.7	50
EW 1000	27	4.5	12.0	16.2	3.8	2.9	67
EC 1000	27	5.0	14.5	17.0	4.5	3.6	67
MC 125	27	5.2	16.2	13.2	4.5	3.6	67
PE 800	28	3.5	14.5	15.0	3.2	2.4	50
PE 1000	38	5.0	20.0	22.0	4.4	3.4	67

Die Cast Aluminum (600 x 600mm)

Panel / Model	Solid				Perforated (AP)				Grating (AG)		
	500	700	1000	1200	500	700	1000	1200	700	1000	1200
Conc. Load (kg)	500	700	1000	1200	500	700	1000	1200	700	1000	1200
Dimension (mm)	600 x 600 x 50 , 55		600 x 600 55		600 x 600 x 50 , 55				600 x 600 x 55		
Dia. x holes	N.A.				ø 6.0 ~ 10.5 x 1080				N.A.		
Open Ratio	N.A.				10% ~ 25%				50%		
With Damper	N.A.				0% ~ 25%				0% ~ 50%		

HPL

Properties						
	Electrical	Stain	Boiling Water	High Temp	Scuff	Wear
Results	1.0×1.0^{6} - 2.0×10^{10}	- No Effect -				3000 +

Properties	Resistance		Static Decay
	Point to Ground	Point to Point	
Conductive	$2.5 \times 10^{4} - 10^{8\Omega}$	$2.5 \times 10^{4} - 10^{8\Omega}$	5000 + 0 volts in < 0.01 sec
Static Dissipative	$10^{6} - 10^{8\Omega}$	-	5000 + 0 volts in < 0.02 sec