



AVAYO MIDDLE EAST

COMPANY PROFILE

RAISED FLOOR & CEILING SOLUTIONS

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About Us

Avayo Middle East is involved in the design, development, manufacture and marketing of Communication infrastructure products, raised floor and ceiling solutions. The company has been involved in the worldwide cable, connectivity and data center market, providing highly differentiated, high-performance products since 2001.

Today Avayo Middle East has spread its operation with factory located in Saudi Arabia, and offices in the United Arab Emirates, Egypt and the rest of the Gulf countries along with its strategic partners across the globe.

The core key that has led to the growth of Avayo Middle East is the commitment that the company has maintained in its manufacturing excellence and the continuous strive in research and design development. The warranty and assurance Avayo Middle East has provided to its customers with regards to the product quality has also played a pivotal role in its growth. The quality standards of Avayo products are backed by the ISO 9001 as well U/L certifications. Avayo Middle East also has exclusive joint ventures to source the highest quality raw materials and related products, thereby maintaining its standards at all the levels of production.



Ultra-modern Production Facility in Riyadh

Avayo Middle East Company Ltd. started its operations in Saudi Arabia in 2006 by establishing a state of the art manufacturing facility in Riyadh. The factory has been identified as a unique one in the industry as manufacturing Raised Floor Products in Middle East with independent production lines for wood, calcium sulphate and cement core panels. The factory also has an inhouse production facility for the manufacturing of perforated panels (Airflow Panels) and raised floor under structures.

With the advantage of its strategic location of the factory and offices, Avayo has always provided timely support to its customers with quality products and fast deliveries. In order to maintain error free transactions. Quality control systems have been implemented in each procedure from raw material sourcing to after sales support. Thus, Avayo has a huge number of global clients its credit.

“*The only communication infrastructure company in the Middle East with a highly advanced manufacturing facility located in Riyadh, Saudi Arabia.*”

The Avayo logo is displayed in white, bold, sans-serif capital letters on a red background. The logo consists of the word 'AVAYO' with a stylized 'A' that has a triangular shape integrated into its left side.

AVAYO



Product Catalogue

CONTENTS

CORNER LOCK SYSTEM

Bare Panel
Top &
Bottom View

Pedestals

Pedestal Height: 80mm 450mm

Corner Locking Screw

Steel Sheet

Cement Filling

Spotting Bottom Sheet to
the Top for extra strength

Shockproof
Cushion

Aluminum or Steel Head

Panel Locking Screw

Vertical Adjustment
(30mm or 50mm)

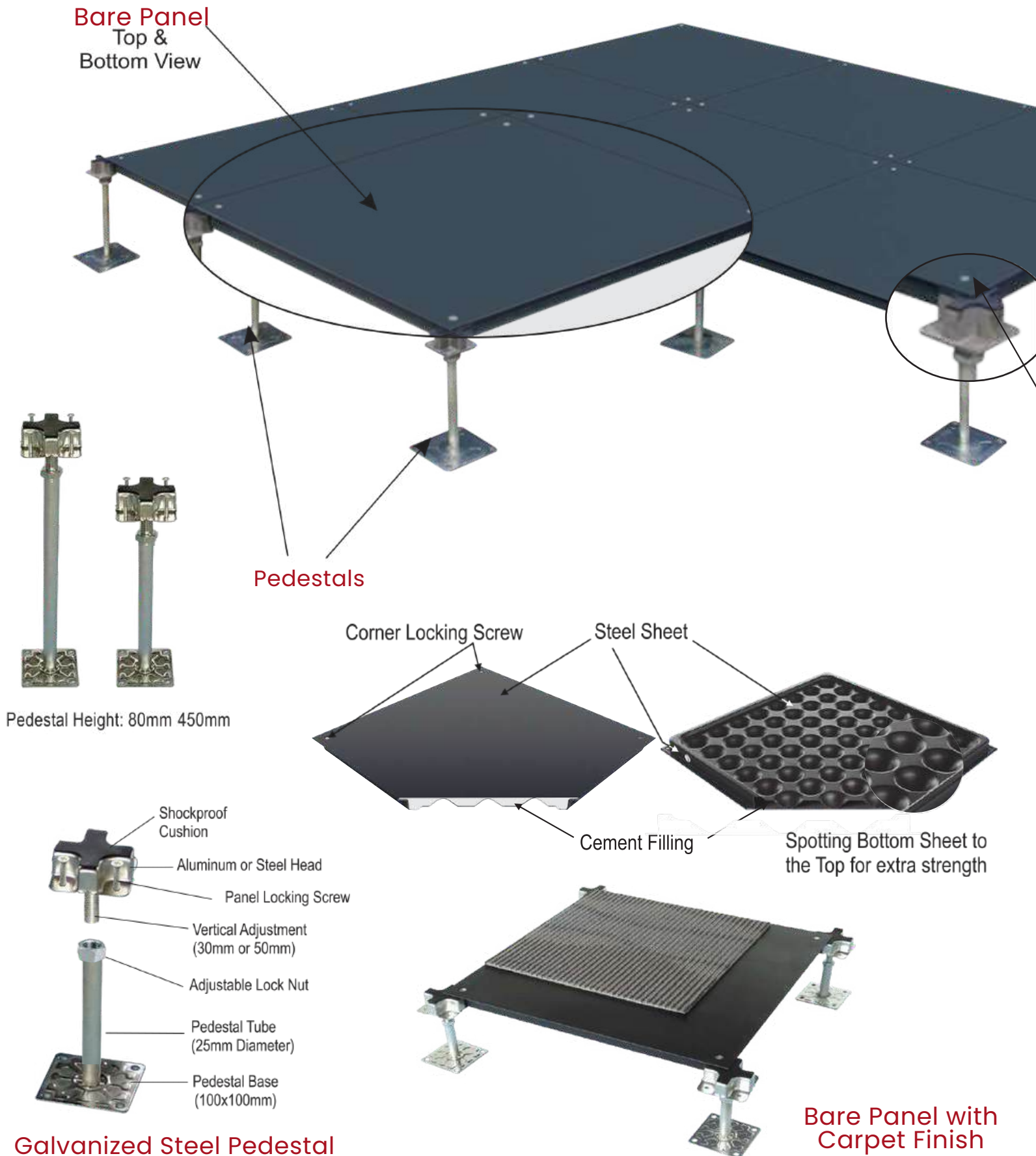
Adjustable Lock Nut

Pedestal Tube
(25mm Diameter)

Pedestal Base
(100x100mm)

Galvanized Steel Pedestal

Bare Panel with
Carpet Finish



PANEL SPECIFICATIONS

Panel: Full steel, Foaming Cement infilled, Independent Four Corners Support Structure, Prevent Static Validity, Excellent Rigidity, Flame Retardent, Dust Proof and Low Wearability.

Panel Sizes: 500 x 500 or 600 x 600

APPLICATION

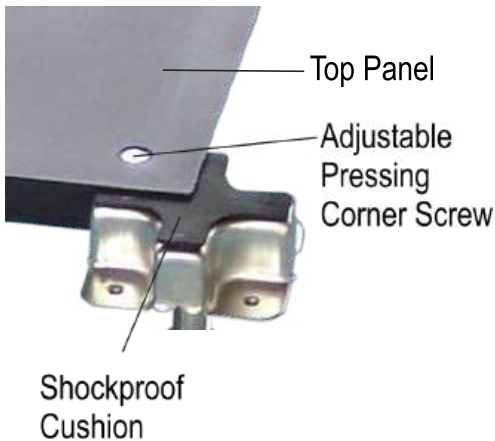
Server Room.

Offices.

Control Room.

Electronic Workshop.

Computer Control Rooms.



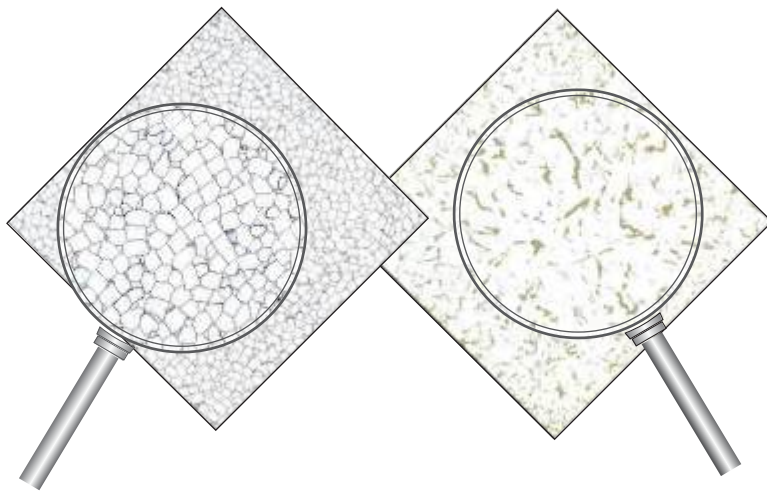
Top Finishes

Accessories

Part No.	Concentrated Load	Design Load	Ultimate Load	Uniform Load	Impact Load	Rolling Load @10 passes	Rolling Load @10,000 passes
AVR-CL20-6035	2.0 kN	3.5 kN	7.0 kN	9.0 kN	670 N	2.0 kN	1.5 kN
AVR-CL35-6035	3.5 kN	5.5 kN	11.0 kN	16.0 kN	670 N	3.5 kN	2.5 kN
AVR-HCL45-6035	4.5 kN	6.5 kN	13.5 kN	23.0 kN	712 N	4.5 kN	3.5 kN
AVR-HCL55-6035	5.5 kN	8.0 kN	16.5 kN	33.0 kN	712 N	5.5 kN	4.5 kN

Note: For Heavy Duty Flooring Please Contact Us Directly

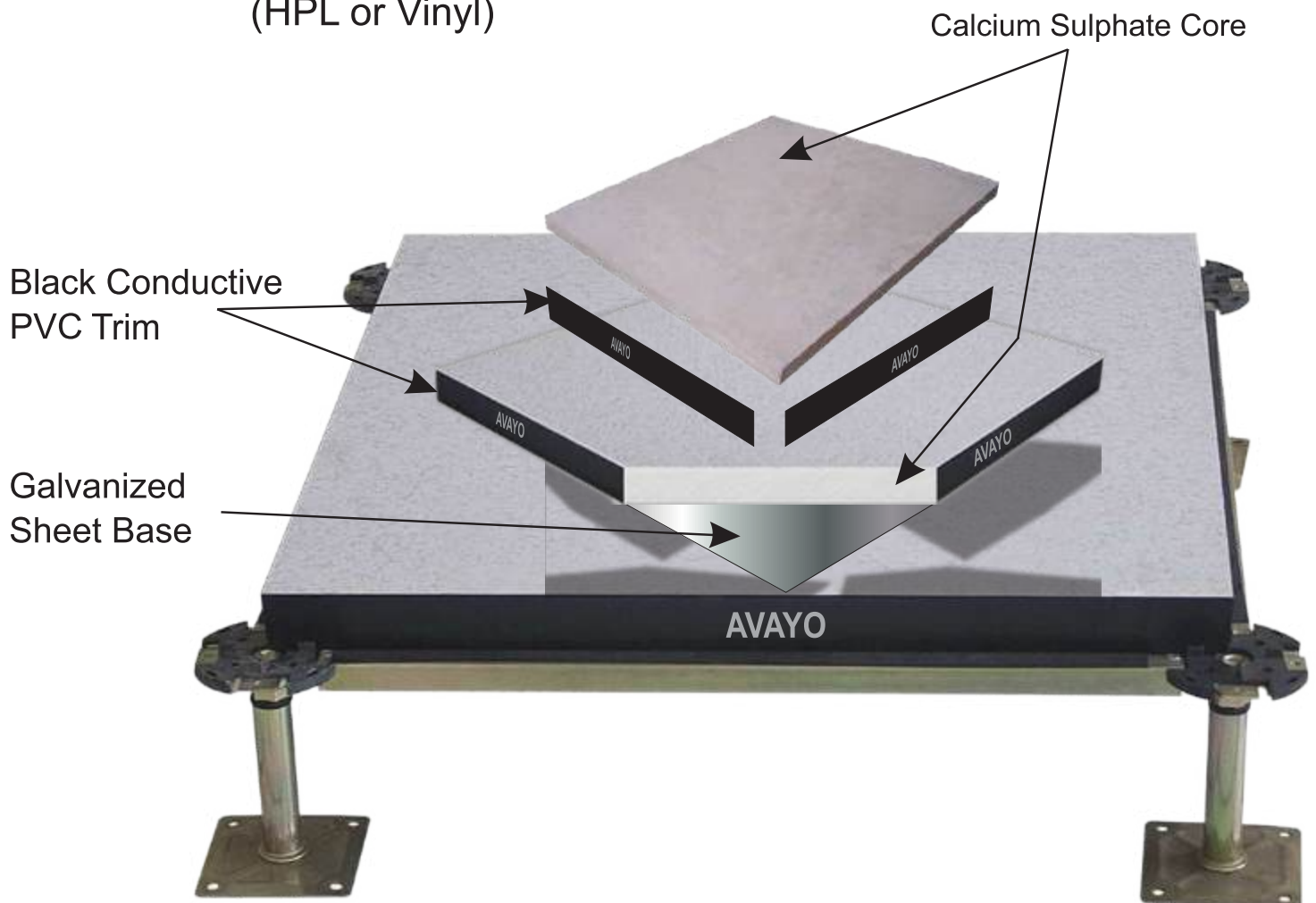
CALCIUM SULPHATE PANEL



Anti Static Finish
(HPL or Vinyl)



Encapsulated Panel



Cross Section Cut-off Panel

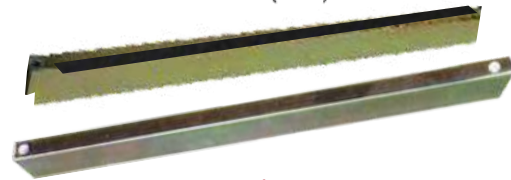
CHARACTERISTICS

Prevent static validity, Fire Proof, Dust Proof, Electromagnetic Shielding, Low wearability, Strong Pressurization.

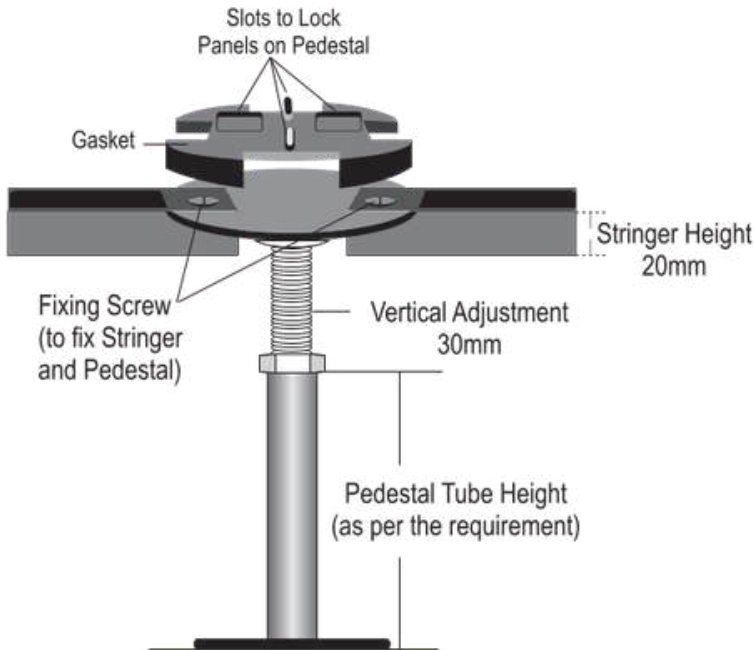
APPLICATION

Communication Rooms
Satellite Rooms
Research Centers
Main Control Rooms
Micro Electronics Workshop.

28W x 20H x 540L(mm)



Stringers



Structure



Pedestal (size 150mm 1000mm)

Part No.	Concentrated Load	Design Load	Ultimate Load	Uniform Load	Impact Load	Rolling Load @10 passes	Rolling Load @10,000 passes
AVR-CS-6029HPL/V(35)	3.5 kN	5.5 kN	11.0 kN	16.0 kN	670 N	3.5 kN	2.5 kN
AVR-CS-6032HPL/V(45)	4.5 kN	6.5 kN	13.5 kN	23.0 kN	712 N	4.5 kN	3.5 kN
AVR-CS-6032HPL/V(55)	5.5 kN	8.0 kN	16.5 kN	33.0 kN	712 N	5.5 kN	4.5 kN

CEMENT CORE STEEL PANELS

PANEL SPECIFICATIONS

AvayoPanels are constructed of fully welded steel shell, filled with Lightweight Cement making panels solid and quiet. All panels are painted with Conductive Epoxy Resin in order to be dustproof and Rust Free. These panels are non-combustible rigid and solid. It delivers the ultimate in Strength, Durability, & Acoustic performance. Panels available in 600x600 & 500x500 sizes.

APPLICATION

- Computer Rooms
- Micro-Electronics Workshops
- Class Rooms
- Server Room
- Central Rooms
- Power Control Center

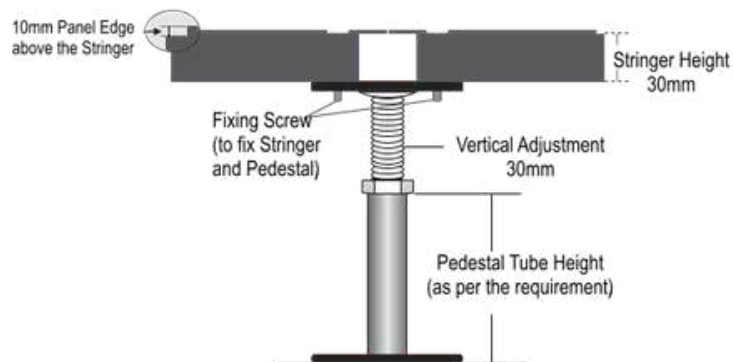
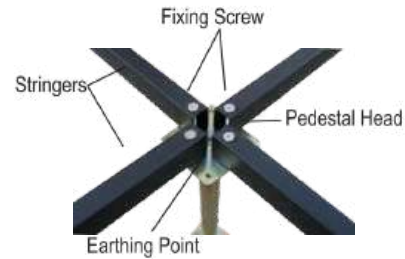
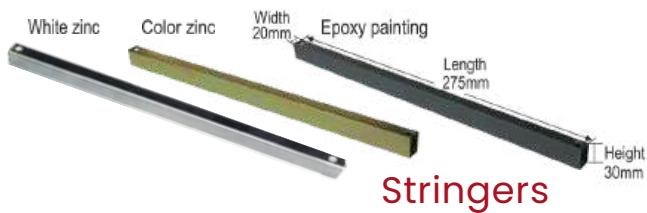




Galvanized Steel Pedestal



Pedestals (Height 80mm-1000mm)



Structure

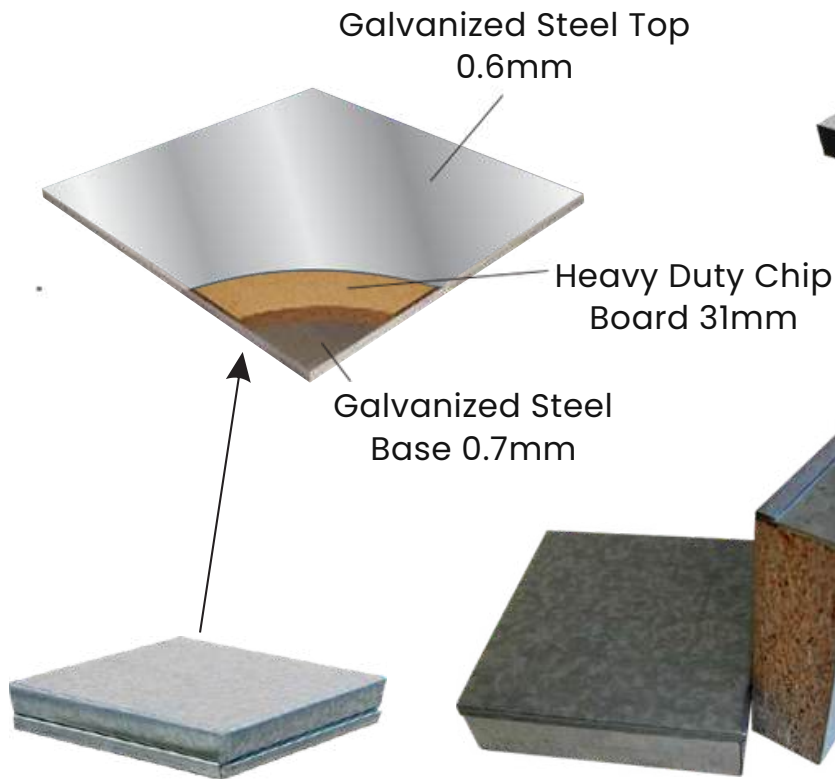
Part No.	Concentrated Load	Design Load	Ultimate Load	Uniform Load	Impact Load	Rolling Load @10 passes	Rolling Load @10,000 passes
AVR-CP-6035HPL/V(25)	2.5 kN	3.5 kN	7.0 kN	9.0 kN	670 N	2.5 kN	1.5 kN
AVR-CP-6035HPL/V(35)	3.5 kN	5.5 kN	11.0 kN	16.0 kN	670 N	3.5 kN	2.5 kN
AVR-HCP-6035HPL/V(45)	4.5 kN	6.5 kN	13.5 kN	23.0 kN	712 N	4.5 kN	3.5 kN
AVR-HCP-6035HPL/V(55)	5.5 kN	8.0 kN	16.5 kN	33.0 kN	712 N	5.5 kN	4.5 kN

WOOD CORE PANEL

MATERIAL

Wood Core Panels are antistatic, made of high quality chipboard base material or HDF base material. These panels are specially designed for computer & control rooms for their acoustic properties & excellent rolling loads. Finishing can be HPL or PVC, Bottom Aluminium Foil or Galvanized.

HPL Finish Tile



(600 x 600 x 32.5mm)

Steel Encapsulated Tile

PVC Top Wood Core Tile
in Different Shades

Part No.	Concentrated Load	Design Load	Ultimate Load	Uniform Load	Impact Load	Rolling Load @10 passes	Rolling Load @10,000 passes
AVR-WC-HPL/V(25)	2.0 kN	3.5 kN	7.0 kN	9.0 kN	670 N	2.0 kN	1.5 kN
AVR-WC-HPL/V(35)	3.5 kN	5.5 kN	11.0 kN	16.0 kN	670 N	3.5 kN	2.5 kN
AVR-HWC-HPL/V(45)	4.5 kN	6.5 kN	13.5 kN	23.0 kN	712 N	4.5 kN	3.5 kN
AVR-HWC-HPL/V(55)	5.5 kN	8.0 kN	16.5 kN	33.0 kN	712 N	5.5 kN	4.5 kN

Note: For Heavy Duty Flooring Please Contact us Directly.



AIR FLOW PERFORATED PANEL

AVAYO

PANEL SPECIFICATION

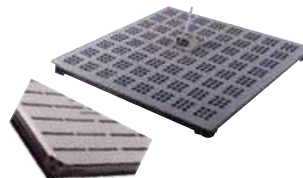
HPL or PVC punched Tile, Cold Rolled Steel, Manual welding for the bottom square tube, conductive trim.

CHARACTERISTICS

High Mechanical Strength,
Strong Bearing Capacity,
good Shock Resistance.

APPLICATION

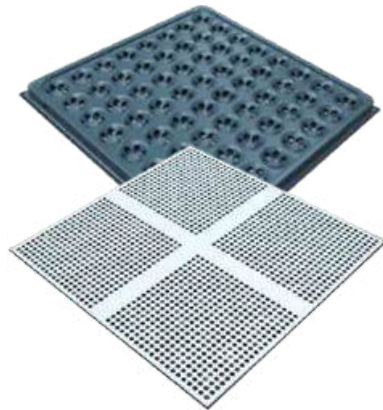
Micro Electronic Workshop
Computer Room
Server Room
Control Room
Power Control Center



Air Flow Control from Top & Bottom



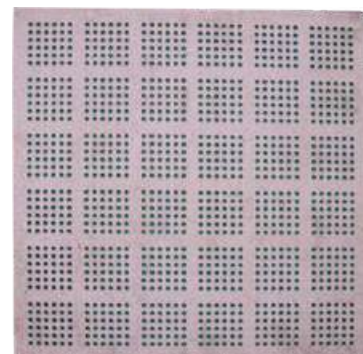
Stringers



20% HPL Ventilation Steel Tile
Top & Bottom View



Air Flow Tile HPL/PVC (40%)
Top & Bottom View



Perforated Panel (30%)



Pedestals



Air Flow Controller



Part No.	Concentrated Load	Design Load	Ultimate Load	Uniform Load	Impact Load	Rolling Load @10 passes	Rolling Load @10,000 passes
AVR-PT-20HPL/V	3.5 kN	5.5 kN	11.0 kN	16.0 kN	670 N	3.5 kN	2.5 kN
AVR-PT-40HPL/V	3.5 kN	5.5 kN	11.0 kN	16.0 kN	670 N	3.5 kN	2.5 kN
AVR-PT-65EG	3.5 kN	5.5 kN	11.0 kN	16.0 kN	670 N	3.5 kN	2.5 kN

Note: For Heavy Duty Flooring Please contact us Directly

AIR FLOW PERFORATED PANEL

SPECIFICATIONS

FloorBoxes are specially designed in various sizes with different electrical & communication sockets to meet customer requirements.

MATERIAL

Full Steel, Copper, casting Plastic, Bottom case has Protective cover and prevent it from penetration of cement mortar.

APPLICATION

Micro-Electric workshop, Computer Room, Server Room, Control Room & Power Control Center..



AVB-340X240



AVB-230X130



AVB-250X220



AVB-340X240



Round Outline Box



Circular Brush Grommet



Square Brush Grommet



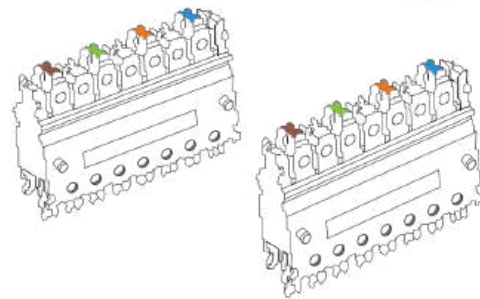
Panel Lifter 2 Jaws

Part No.	Dimension	Provision (Max)	Finish
AVB-340X240-S	340x240x100	12 power or 24 port jacks	Stainless Steel
AVB-250x220-S	250X220X100	8 Power or 16 port jacks	Stainless Steel
AVB-250X125-S	250X125X65	4 power or 8 port jacks	Stainless Steel
AVB-220X120-G	220X120X65	2 power and 3 port jack	Zinc coated
AVB-130X130-S	130x130x85	2 power or 2 port jack	Stainless Steel



CAT6 UTP Cable
(305m Roll)

CAT6 and CAT5E Patch Panel



Patch Cord



Tenth Line Series
Cat 6A UTP Cable

Blank Patch Panel



Key Stone Jacks



Voice Patch Panels



1U 110 Wiring Block



Face Plates



Fiber Optic
Indoor/Out Door Cables



Fiber Optic Cable
2Core, SM, LZSH



Fiber Patch Cords



Fiber Connectors & Adapters



Fast Connector



Fiber Distribution Units



Fiber Pigtail



Fiber Optical Cable



Micro ODF 2 Port



Fiber Optic Splitter

ECONOMY SERIES FLOOR CABINET

AVAYO

Available Series: Supreme, Fancy & Economy Series.

Comply With: ANSI/EIA RS-310-D, IEC297-2, DIN 41491

Special Field: Housing CCTV, Server, UPS Systems, MATV Equipment.

Available Sizes: 22U, 27U, 32U, 37U, 42U & 47U

Material: Spcc Quality Cold Rolled Steel.

Loading Rate: 600 to 900 kg.

Color: RAL 905 or RAL 7035

Surface Finishing: Degrease Acid Pickling, Rest Prevention & Parkerizing, Pure Water Cleaning, Static Electricity Painting Over Powder Coating Durable.
Top & Bottom Cable Entry.

Cable Entry:

Available Sizes: 600x600
600x800
600x1000
800x800

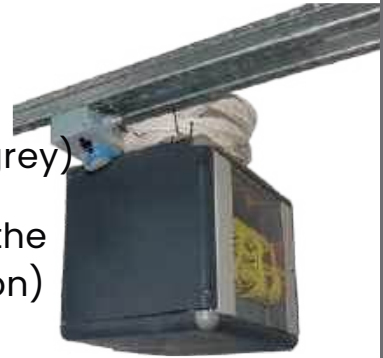


STANDARD FEATURES

ECONOMY SERIES WALL CABINET

AVAYO

- Comply with:** ANSI/EIA RS-310-D, IEC 297-2, DIN 41491
- Color:** RAL 9005 (black) or RAL 7035 (grey)
- Frame:** Welded frame (rear section hinged to the front section with lock for double section)
- Section:** Single & Double.
- Material:** Cold rolled steel 1.2 to 2.0 guage.
- Profile:** 19" Adjustable profile in the front & rear; in the rear mount section for Double Section. Universal/EIA type heavy duty.
- Profile Standard:** upto 40kgs.
- Loading Rate:** Tempered Glass Door with Lock.
- Front Door:** Clutch Opening Type.
- Side Panels:** 01 Fan Heavy duty noiseless.
- Top Fans:** Heavy duty cage nuts universal/TIA/EIA Standard.
- Cage Nuts:** Top & Bottom Cable Entry.
- Cable Entry:** 4U, 6U, 9U, 12U, 15U, 18U.
- Available Sizes:**



STANDARD FEATURES



Plain Aluminum Ceiling Clip in Ceiling Tiles

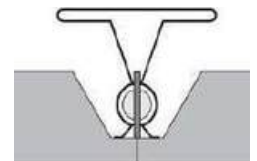
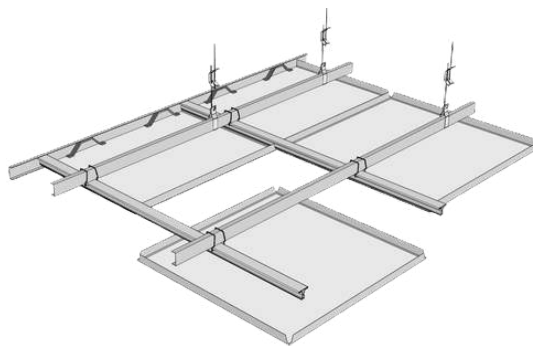
DESCRIPTION:

manufactured to fine press tool tolerances, are clipped into a concealed Tee Bar grid. Tiles are automatically levelled in the grid by special 'Pip & Stop' registers, which are pressed into the side flanges of the tiles during manufacture. The robust grid system is easily installed and tiles can be removed and replaced for access to services.

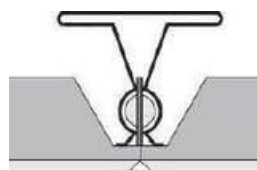
CHARACTERISTICS:

Shape	Tiles
Reference	Clip-AL-PL
Type	Clip-In
Size	600 mm x 600 mm
Surface	Plain
Insulation	with acoustical black tissue
Material	Aluminum
Thickness	0.5-0.6 mm (Other thickness uopn request)
Pattern	Standard
Paint	Stove Enameled
Color Ref.	White AC -100
Grid	Concealed Spring Tee

INSTALLATION:

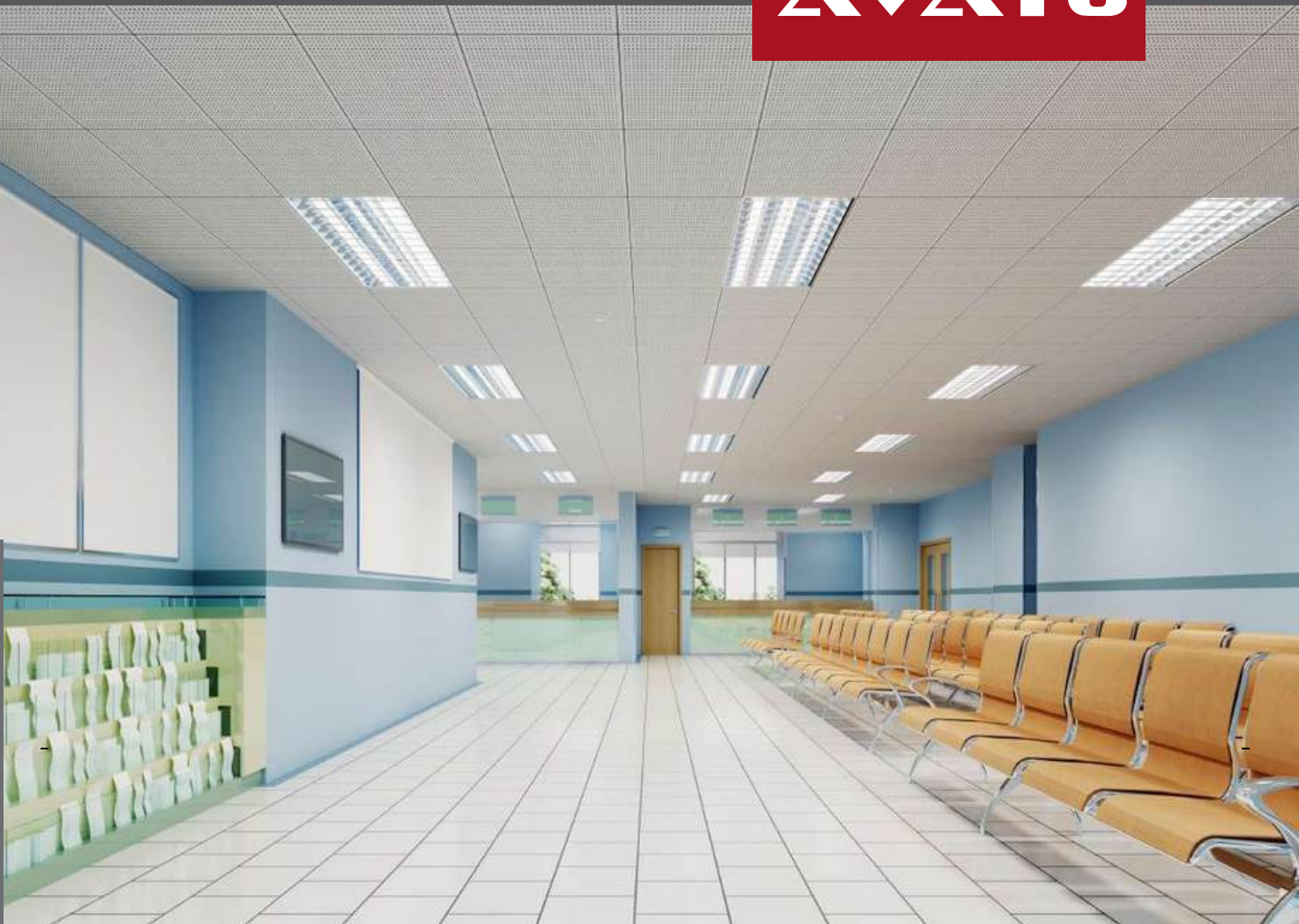


Squared Edge



Beveled Edge

OPTIONAL



Avayo Ceiling Suspension System

DESCRIPTION:

building services. The space created by a suspended ceiling may be useful for the distribution of heating, ventilation and air conditioning (HVAC) services and plumbing and wiring services, as well as providing a platform for the installation of speakers, light fittings, CCTV, fire and smoke detectors,

motion detectors, sprinklers and so on.

CHARACTERISTICS:

Shape	Tiles
Reference	Clip-AL- P
Type	Clip-In
Size	600 mm x 600 mm
Surface	Perforated
Insulation	with acoustical black tissue
Feature	Sound Absorption
Material	Aluminum
Thickness	0.5-0.6 mm (Other thickness uopn request)
Pattern	Standard
Paint	Stove Enameled
Color Ref.	White AC -100
Grid	Concealed Spring Tee

STANDARD SUSPENSION SYSTEM

- Standard Consumption of Accessories for Clip-in
- Spring Tee Runner, L=4000 mm
- Runner Splice
- Adjustment Clip (optional)
- Rod Hanger L= 1 000 mm (optional)
- Edge Trim L= 4000 mm
- Acoustic felt backing for perforated panels

OPTIONAL

- Galvanized Rod Hanger: 1m.
- Adjustment Clip.
- Ceiling clip with Anchors or Fisher.

Avayo Clip-In Ceiling Suspension System





Avayo Ceiling Lay-In System

DESCRIPTION:

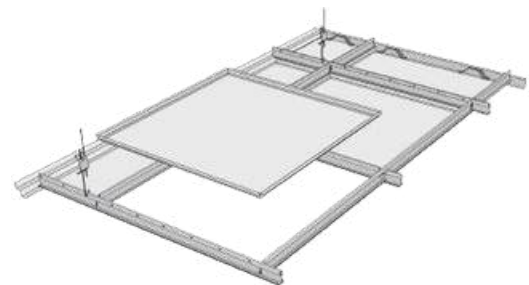
panels that are held in place by hangers or clips. These elements are suspended from the main ceiling structure, enabling easy access for maintenance and individual tile replacement. This system is commonly implemented in commercial and industrial settings, and can be configured to

facilitate the integration of various building services.

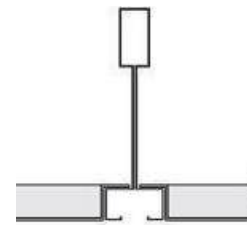
CHARACTERISTICS:

Shape	Tiles
Reference	Lay AL-PL
Type	Lay-In
Size	600 mm x 600 mm
Surface	Plain
Insulation	N/A
Material	Aluminum
Thickness	0.5-0.6 mm (Other thickness uopn request)
Pattern	Standard
Paint	Stove Enameled
Color Ref.	White AC -100
Grid	Galvanized/Exposed, 24 mm T-Grid

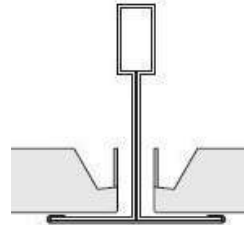
OPTIONAL



Reveal



Fine Line



Flat



Avayo Ceiling Suspension System

DESCRIPTION:

building services. The space created by a suspended ceiling may be useful for the distribution of heating, ventilation and air conditioning (HVAC) services and plumbing and wiring services, as well as providing a platform for the installation of speakers, light fittings, CCTV, fire and smoke

detectors, motion detectors, sprinklers and so on.

CHARACTERISTICS:

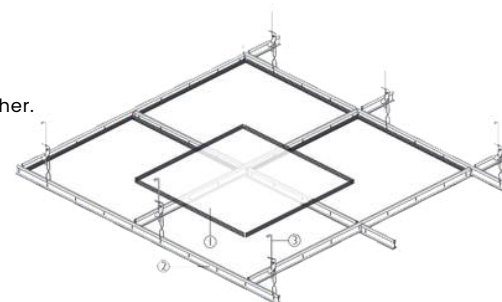
Shape	Tiles
Reference	Lay AL-P
Type	Lay-In
Size	600 mm x 600 mm
Surface	Perforated
Insulation	with acoustical black tissue
Feature	Sound Absorption
Material	Aluminum
Thickness	0.5-0.6 mm (Other thickness upon request)
Pattern	Standard
Paint	Stove Enameled
Color Ref.	White AC - 100
Grid	Galvanized/Exposed, 24 mm T-Grid

STANDARD SUSPENSION SYSTEM

- Standard Consumption of Accessories for Lay-in
- Main Tee Runner, L=3600 mm
- Cross Tee Runner, L= 1200mm
- Cross Tee Runner, L=600 mm
- W-Wall Angle 24x24, L=3600 mm
- Wire Rod-4mm Ø. with Eyelet + Hook, L= 1 000 mm (optional)
- Butterfly Clip (optional)
- Acoustic felt backing for perforated panels

OPTIONAL

Galvanized Rod Hanger: 1m.
Adjustment Clip.
Ceiling clip with Anchors or Fisher.



1. Lay In/Lay On Tile
2. T-grid
3. Hangers



DESCRIPTION: Avayo Baffle Ceiling Plain

Baffle ceiling System is a set of vertically hung linear profiles in various patterns and combinations, made up of aluminum, wood or any sound absorbing material, which reduces the strength (level) of airborne sound. Baffle ceiling provides a view and access to the plenum area and concrete ceiling above.

CHARACTERISTICS:

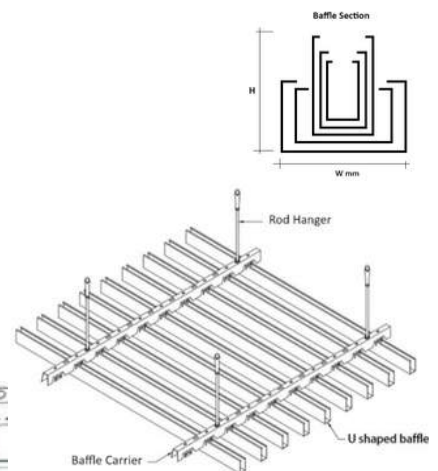
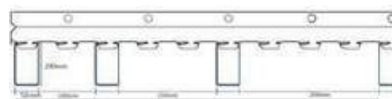
Shape	Tiles
System	Baffle Liner Ceilings
Shape	U Shape
Reference	Baffle AL/GI-PL
Type	Linear
Size	W=30,50,75,100mm H= 50,75,100,150,200mm
Surface	Plain
Insulation	N/A
Material	Aluminum alloy 3005, 3105.
Thickness	0.5 0.6 0.7 up to 1mm.
Pattern	Standard
Paint	Stove Enameled, Powder coated.
Color ref.	White AC-100
Suspension System	Exposed Carrier with Lock.

APPLICATION AREAS

SYSTEM COMPONENTS



OPTIONAL





Avayo Open Cell Ceiling Plain

DESCRIPTION:

are assembled to provide a wide range of modules cell size and pattern using the "U" shaped aluminum main and cross beams in variety choice of colors.

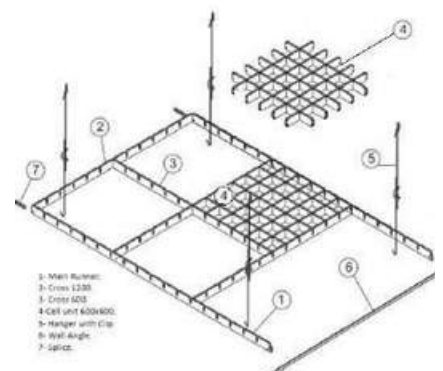
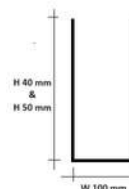
CHARACTERISTICS:

Shape	Tiles
System	Integrated concealed system
Shape	U Shape
Reference	Cell AL /PL
Type	square open-cells
Cell Size	50x50,75x75,100x100,150x150,200x200mm H= 50,40mm.
Surface	Plain
Insulation	N/A
Material	Aluminum alloy 3005, 3105.
Thickness	0.45 0.55 mm.
Pattern	Standard
Paint	Stove Enameled
Color ref.	White AC-100
Suspension System	Suspension systems suited to two grid types: T or integrated.

APPLICATION AREAS

SYSTEM COMPONENTS

OPTIONAL





DESCRIPTION:

A gypsum ceiling, known as a plasterboard ceiling or a drywall ceiling, is a type of suspended ceiling that is commonly used in both residential and commercial buildings. It is made up of large, flat panels of gypsum board that are hung from the ceiling joists using metal frames or furring channels.

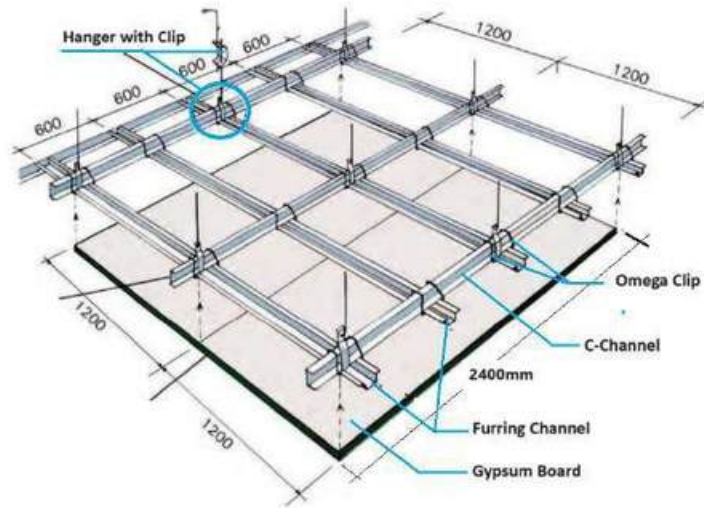
CHARACTERISTICS:

Shape	Tiles
System	Drywall Ceiling System
Shape	Board
Reference	Gypsum Board
Type	Regular (RG), Moisture (MR), Fire Resistant (FR)
Size	1200x2400mm (Metric), 1220x2440mm (imperial)
Edge	-
Surface	Plain/ Perforated
Insulation	(Optional) Rock /Glass/ mineral wool
Material	A gypsum rock core sandwiched between two layers of special paper.
Thickness	7.5, 9, 12.5, 15, 18mm
Pattern	Standard
Paint	No paint
Suspension System	Galvanized Iron with concealed Suspension systems.

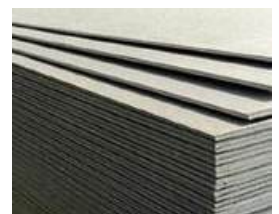
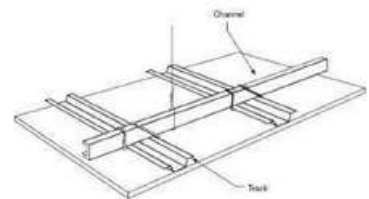
APPLICATION AREAS

SYSTEM COMPONENTS

OPTIONAL



Avayo Drywall Gypsum Ceiling





AVAYO MIDDLE EAST

📍 Olaya, Riyadh, Saudi Arabia

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