AVAYO

ELECTRONICS CANADA CORPORATION
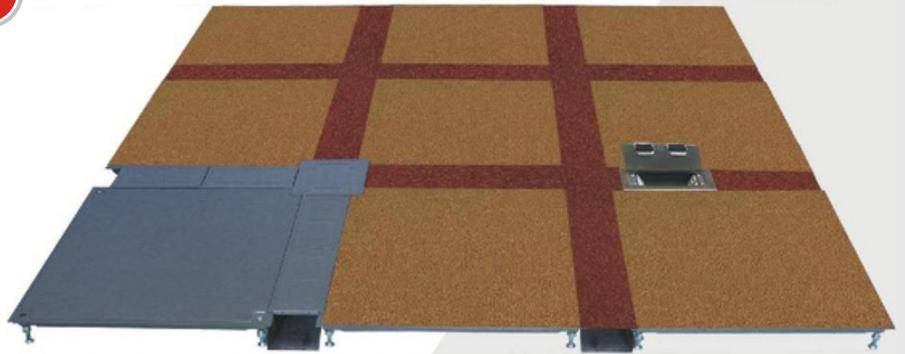
- Raised Floor System
- Copper System
- Fiber System
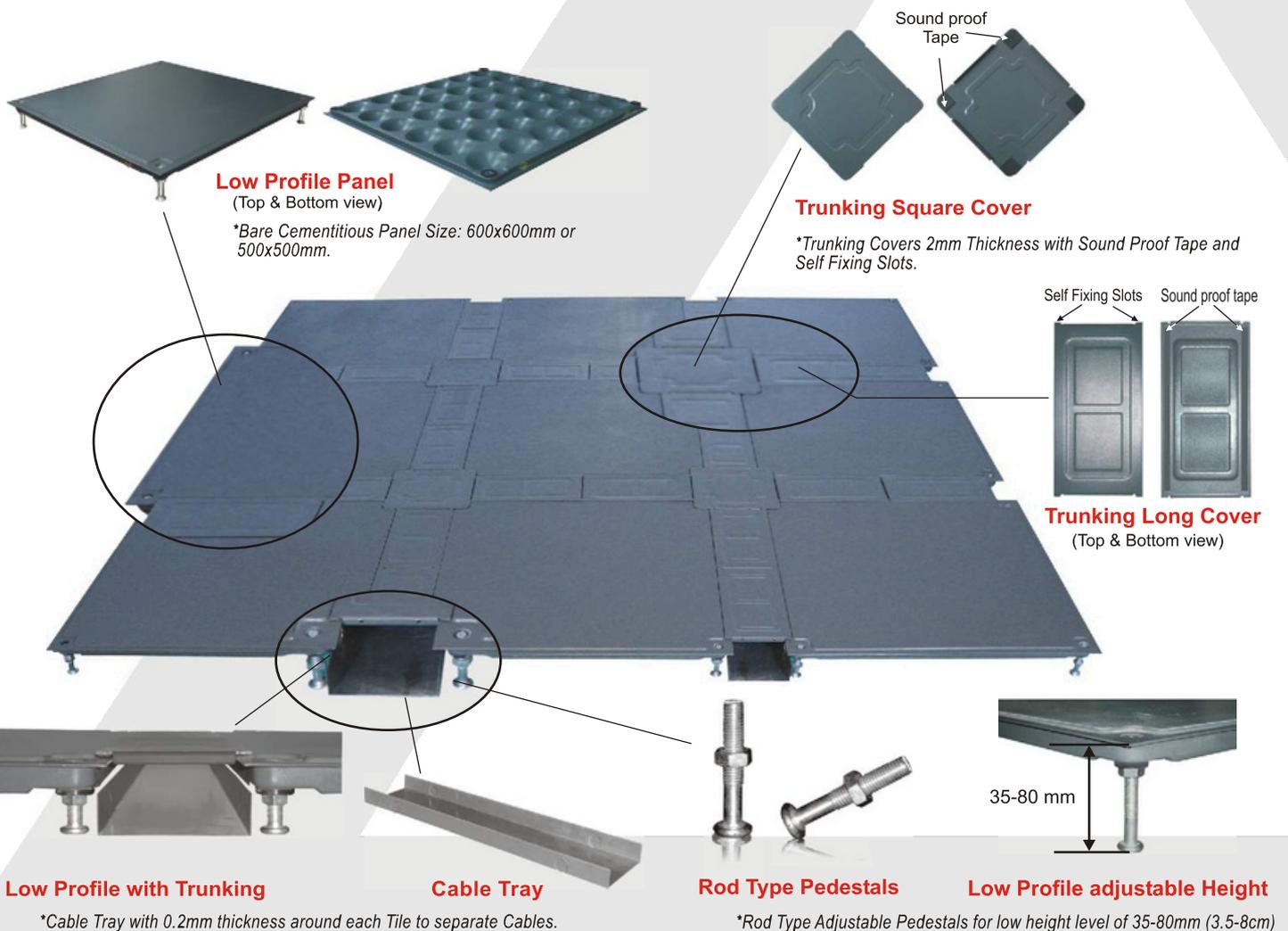- Rack System

AVAYO

CONTENTS

LOW PROFILE TRUNKING SYSTEM

Raised Floor with built in Trunk System is an ideal solution for Offices, Commercial Towers, Banks, Cashier Halls or Where there is Low Roof Height. This help to make a flooring with Cable Trays to run high and low voltage Cables for Data, Telecom and Power Outlets within a height of 35-80mm (3.5-8cm). The cable tanks around the floor separate high voltage cables from the low voltage and telecommunication cables in the same cable tray. Also available double compartment Trunking System.

PANEL SPECIFICATION:

- Core material: Pure cement
- Surface finish: Ready to accept any Finishing.
- Optional: Antistatic Coating

Sound proof Tape

Low Profile Panel
(Top & Bottom view)

Bare Cementitious Panel Size: 600x600mm or 500x500mm.

Trunking Square Cover

Trunking Covers 2mm Thickness with Sound Proof Tape and Self Fixing Slots.

Self Fixing Slots   Sound proof tape

Trunking Long Cover
(Top & Bottom view)

35-80 mm

Low Profile with Trunking

*Cable Tray with 0.2mm thickness around each Tile to separate Cables.*

Cable Tray

Rod Type Pedestals

Low Profile adjustable Height

Rod Type Adjustable Pedestals for low height level of 35-80mm (3.5-8cm)

- Convenient cabling through the trays.
- Separate Path for high and low voltage.
- Easily relocatable.
- Easy to install.

Low Profile Panel | Low Profile Panel

Power — Floor Box — Data | Data

Low Profile Panel | Low Profile Panel
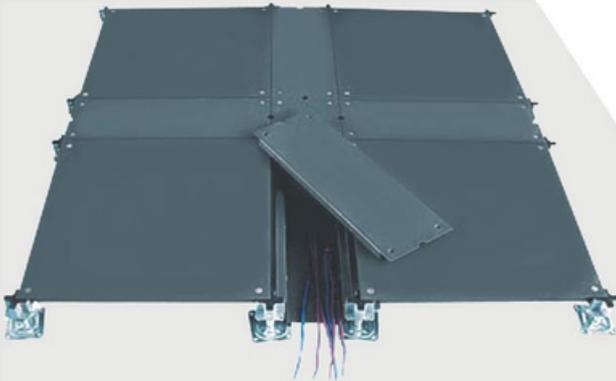
Power

Trunking System For High Floor Level
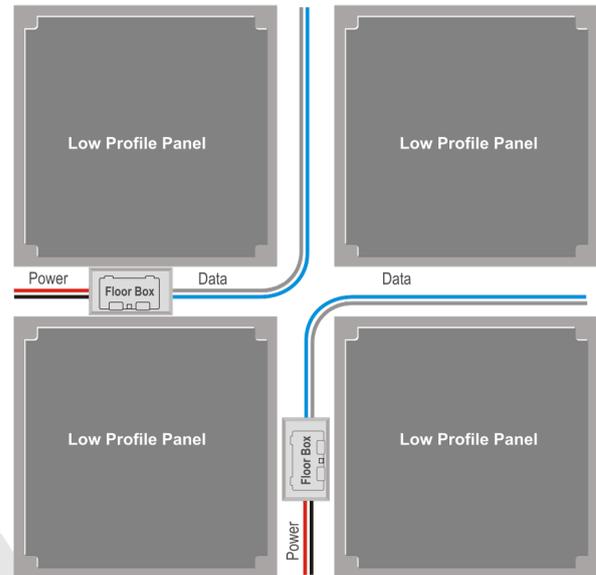
Corner Lock Pedestal

Pedestals - Different Hieght

Floor Boxes

OPTIONAL FLOOR BOX SPECIFICATION
- Heavy Duty Floor Box with Chrome Finish
- 2 Power Socket
- Provision for 2 Data, 2 Voice / Telephone
- Two Sides Cable Entry
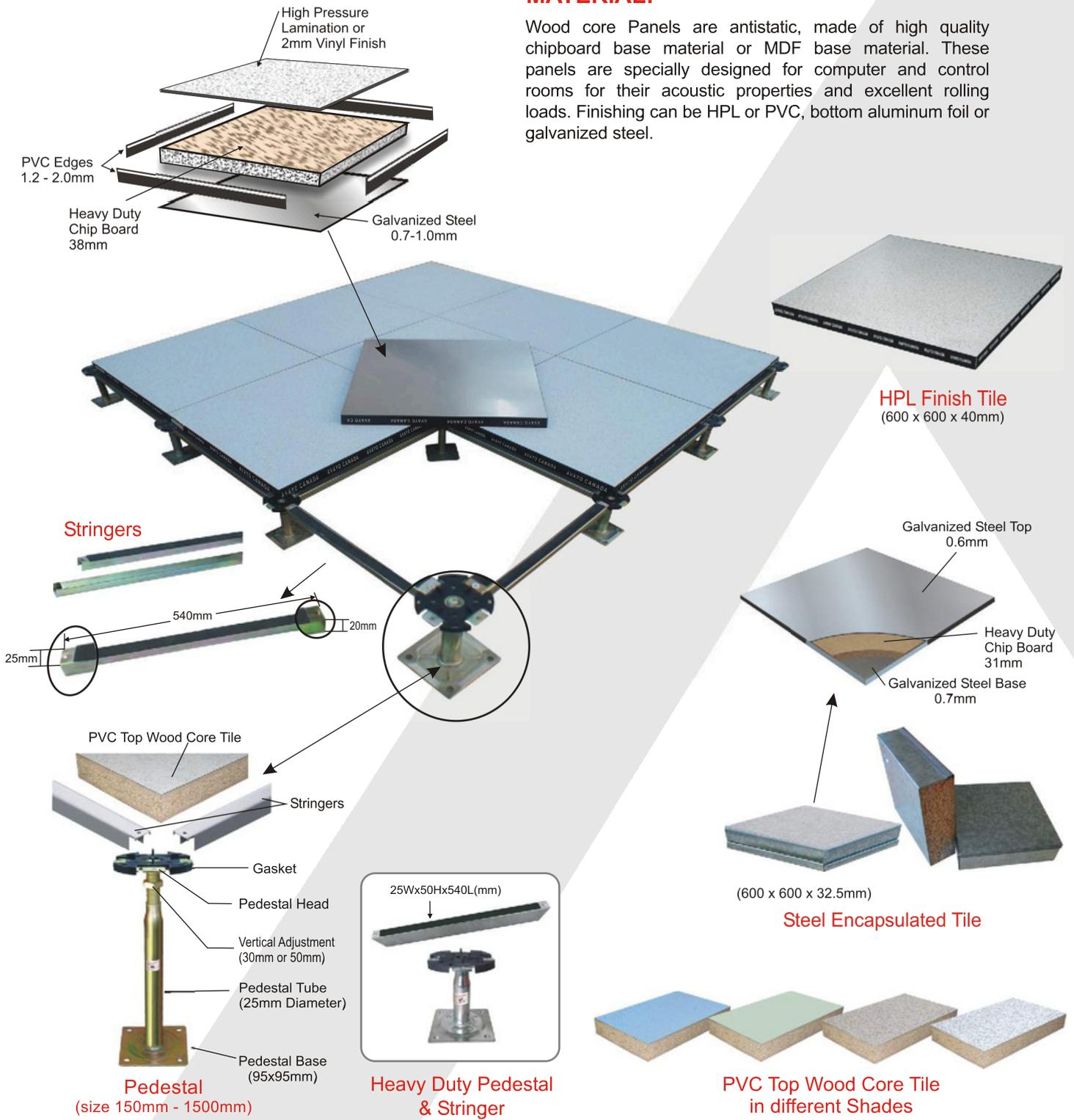- Size: 250mm length x 125mm width x 50mm Height

Part No.	Type	Panel Size (mm)	Concentrated Load	Uniform Load	Ultimate Load	Accessories
AVR-BC 6035-BT	Bare Finish	600 x 600 x 35	3.5 KN	16 KN	11.5 KN	Complete System (Height 35-80mm) // //
AVR-BC 5035-BT	Bare Finish	500 x 500 x 35	3.5 KN	16 KN	11.5 KN	
AVR-CL 6035-BT	Bare Finish	600 x 600 x 35	3.5 KN	16 KN	11.5 KN	Complete System (Height 80-200mm) // //
AVR-CL 5035-BT	Bare Finish	500 x 500 x 35	3.5 KN	16 KN	11.5 KN	

Note: For Heavy Duty Flooring Please Contact Us Directly.

WOOD CORE PANEL

MATERIAL:

Wood core Panels are antistatic, made of high quality chipboard base material or MDF base material. These panels are specially designed for computer and control rooms for their acoustic properties and excellent rolling loads. Finishing can be HPL or PVC, bottom aluminum foil or galvanized steel.

High Pressure Lamination or 2mm Vinyl Finish

PVC Edges 1.2 - 2.0mm

Heavy Duty Chip Board 38mm

Galvanized Steel 0.7-1.0mm

HPL Finish Tile
(600 x 600 x 40mm)

Stringers

540mm

25mm

20mm

Galvanized Steel Top 0.6mm

Heavy Duty Chip Board 31mm

Galvanized Steel Base 0.7mm

PVC Top Wood Core Tile

Stringers

Gasket

Pedestal Head

Vertical Adjustment (30mm or 50mm)

Pedestal Tube (25mm Diameter)

Pedestal Base (95x95mm)

Pedestal
(size 150mm - 1500mm)

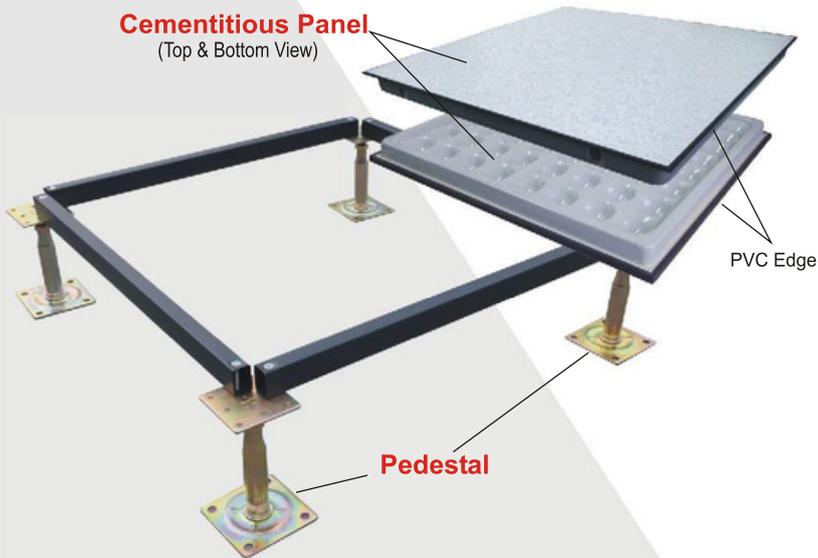25Wx50Hx540L(mm)

Heavy Duty Pedestal & Stringer

(600 x 600 x 32.5mm)

Steel Encapsulated Tile

PVC Top Wood Core Tile in different Shades

Part No.	Type	Panel Size (mm)	Concentrated Load	Uniform Load	Ultimate Load	Accessories
AVR-WC-HPL	HPL Finish	600 x 600 x 40	3.5 KN	16 KN	11.5 KN	Pedestals & Stringers
AVR-WC-V	PVC Finish	600 x 600 x 40	3.5 KN	28 KN	15 KN	
AVR-HWC-HPL	Heavy Duty HPL	600 x 600 x 40	5 KN	28 KN	15 KN	// //
AVR-HWC-V	Heavy Duty PVC	600 x 600 x 40	5 KN	28 KN	15 KN	// //
AVR-HWC-E	Steel Encapsulated	600 x 600 x 31	5.5 KN	33 KN	16.5 KN	

Note: For Heavy Duty Flooring Please Contact Us Directly.

Cementitious Panel
(Top & Bottom View)

PVC Edge

Pedestal

HPL Finish   PVC Finish

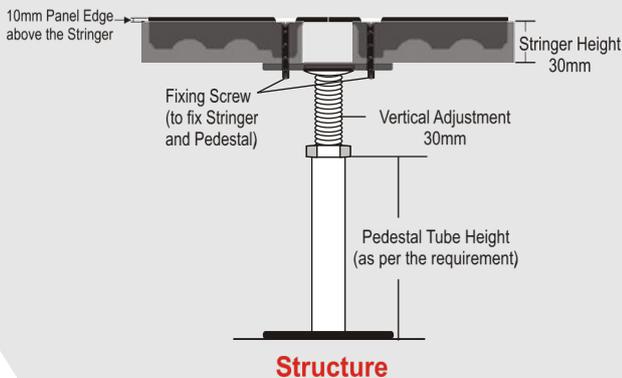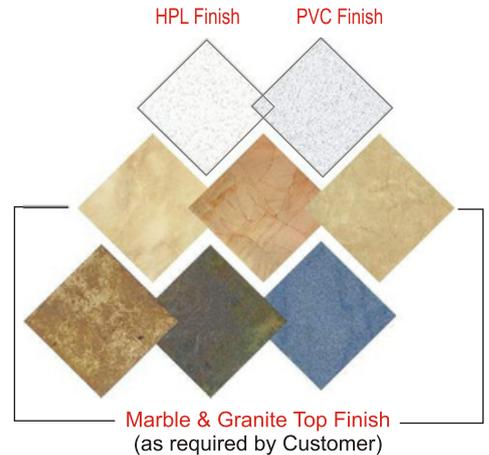Marble & Granite Top Finish
(as required by Customer)

PANEL SPECIFICATION

AVAYO panels are constructed of a 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 noncombustible rigid and solid. It deliver the ultimate in strength, durability, and acoustic performance. Panels available in 600x600 and 500x500 sizes.

APPLICATION:

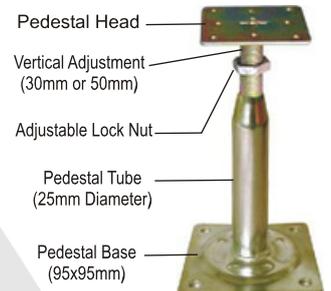Computer Rooms, Micro- Electronics Workshops,Class Rooms, Server Room, Control Rooms, and Power Control Center.

Pedestal Head

Vertical Adjustment
(30mm or 50mm)

Adjustable Lock Nut

Pedestal Tube
(25mm Diameter)

Pedestal Base
(95x95mm)

Galvanized Steel Pedestal

10mm Panel Edge above the Stringer

Stringer Height 30mm

Fixing Screw
(to fix Stringer and Pedestal)

Vertical Adjustment 30mm

Pedestal Tube Height
(as per the requirement)

Structure

White zinc   Color zinc   Width 20mm   Epoxy painting

Length 275mm

Height 30mm

Stringers

Fixing Screw

Stringers

Pedestal Head

Earthing Point

Under Structure

Pedestals (Height 80mm-1000mm)

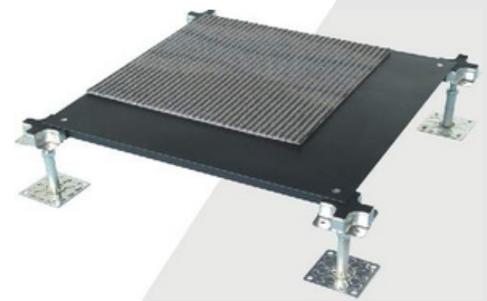| Part No.	Type	Panel Size (mm)	Concentrated Load	Uniform Load	Ultimate Load	Accessories
AVR-BC 6035	Bare Finish	600 x 600 x 35	3.5 KN	16 KN	11 KN	Pedestals & Stingers
AVR-CP6035-V	PVC Finish	600 x 600 x 35	3.5 KN	16 KN	11 KN	
AVR-CP6035-HPL	HPL Finish	600 x 600 x 35	3.5 KN	16 KN	11 KN	
AVR-HBC 6035	Bare Finish	600 x 600 x 35	5.5 KN	33 KN	16.5 KN	

Note: For Heavy Duty Flooring Please Contact Us Directly.
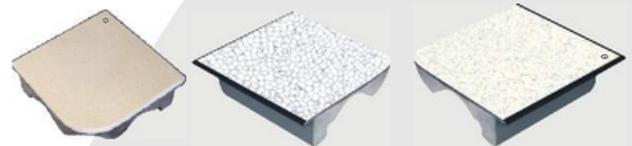
CORNER LOCK SYSTEM

PANEL SPECIFICATION

Panel: Full Steel, foaming cement infilled, independent four corners support structure. Prevent static validly, excellent rigidity, flame retardant, dust proof and wearability.

Panel Sizes 500 x 500 or 600 x 600.

APPLICATION: Server Room, Offices,

Control Room, Electronic workshop,
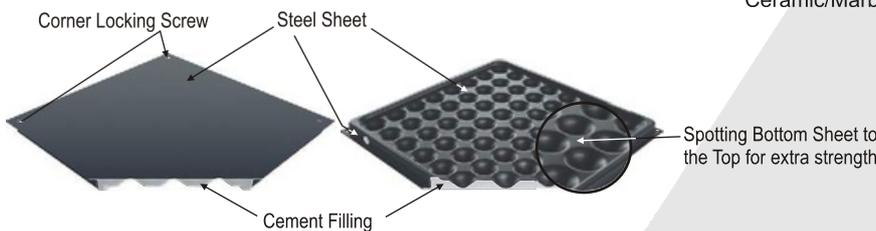
Computer Control Rooms.
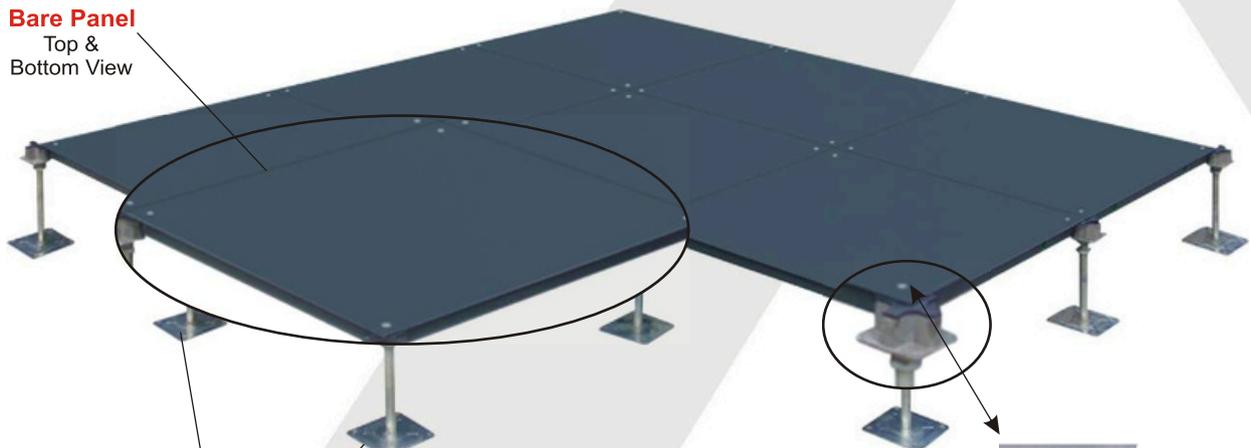
Bare Panel with Carpet Finish

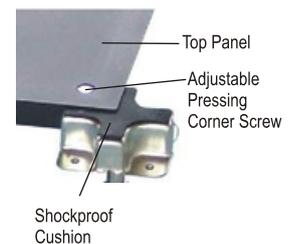Ceramic/Marble   Anti-Static Vinyl   Anti-Static HPL

Top Finishes

Corner Locking Screw   Steel Sheet

Spotting Bottom Sheet to the Top for extra strength

Cement Filling

Bare Panel
Top & Bottom View

Pedestals

Top Panel

Adjustable Pressing Corner Screw

Shockproof Cushion

Shockproof Cushion

Aluminum or Steel Head

Panel Locking Screw

Vertical Adjustment (30mm or 50mm)

Adjustable Lock Nut

Pedestal Tube (25mm Diameter)

Pedestal Base (100x100mm)

Pedestal Height: 80mm-450mm

Galvanized Steel Pedestal

Accessories

Part No.	Type	Panel Size (mm)	Concentrated Load	Uniform Load	Ultimate Load	Accessories
AVR-CL 6035	Bare Finish	600 x 600	3.5 KN	16 KN	11 KN	Pedestals
AVR-CL 5035	Bare Finish	500 x 500	3.5 KN	16 KN	11 KN	Pedestals
AVR-HCL 6035	Bare Finish	600 x 600	4.5 KN	23 KN	13.5 KN	Pedestals

Note: For Heavy Duty Flooring Please Contact Us Directly.

Calcium Sulphate Core

Black Conductive PVC Trim

Galvanized Sheet Base

AVAYO CANADA
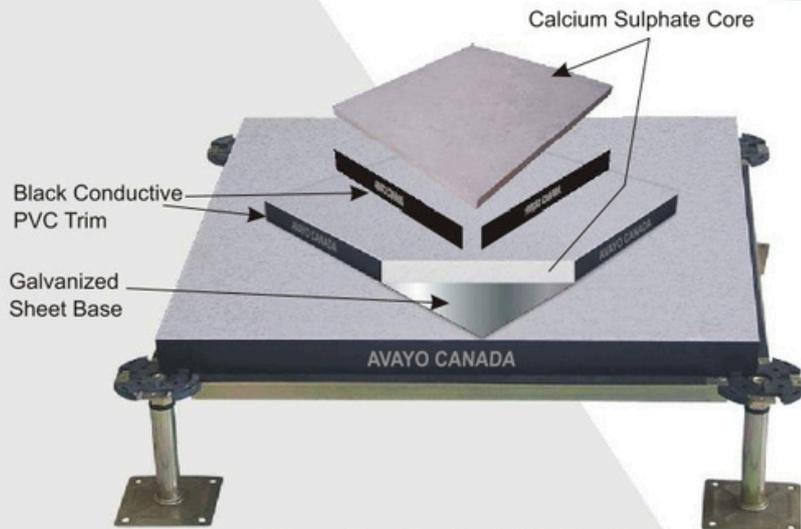
Cross Section Cut-off Panel

Top Finishing

Marble & Granite Top Finish
(as required by Customer)

Anti-Static Finish
(HPL or Vinyl)

CHARACTERISTICS:
Prevent static validly, Fire Proof, Dust Proof, Electromagnetic Shielding, Strong Wearability, Strong Pressurization.
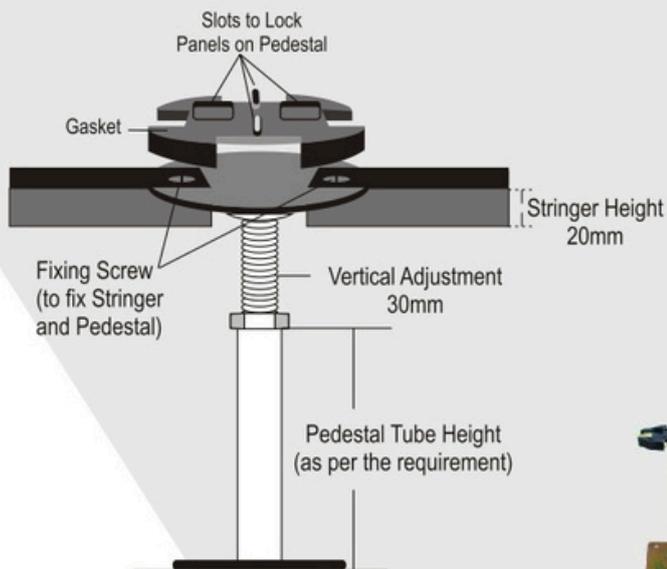
APPLICATION:
Communication Rooms, Satellite Rooms, Research Centers, Main Control Rooms, Micro Electronics Workshop .
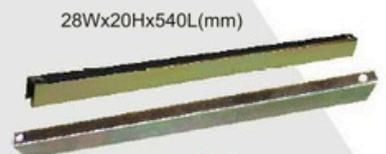
Galvanized Steel on Top Bottom & Side

Calcium Sulphate Core

Encapsulated Panel

Slots to Lock Panels on Pedestal

Gasket

Stringer Height 20mm

Fixing Screw (to fix Stringer and Pedestal)

Vertical Adjustment 30mm

Pedestal Tube Height (as per the requirement)

Structure

Pedestal (size 150mm - 1000mm)

28Wx20Hx540L(mm)

Stringers

Part No.	Type	Panel Size (mm)	Concentrated Load	Uniform Load	Ultimate Load	Accessories
AVR-CS 6032-HPL	HPL Finish	600 x 600	5.5 KN	33 KN	16.5 KN	Pedestals & Stringers
AVR-CS 6032-E	Steel Encapsulated	600 x 600	5.5 KN	33 KN	16.5 KN	

Note: For Heavy Duty Flooring Please Contact Us Directly.
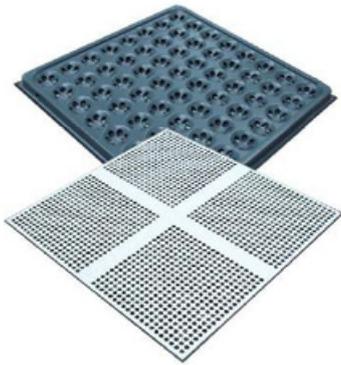
20% HPL Ventilation Steel Tile
Top & Bottom View
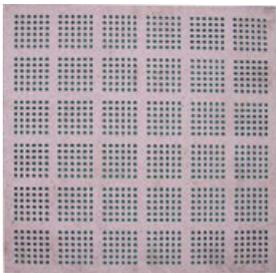
Perforated Panel (30%)

PANEL SPECIFICATION

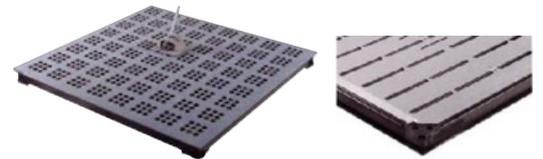HPL or PVC punched Tile, Cold Rolled Steel, Manual welding
for the bottom square tube, conductive trim.

Characteristics:

High Mechanical Strength, Strong Bearing Capacity,
good shock resistance.

Application:

Micro- Electronics workshop, Computer Room, Server Room,
Control Room, and power control center.

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

Air Flow Controller

Air Flow Control from Top & Bottom

HPL Ventilation Wood Core Tile

Stringers

Pedestals

Part No.	Type	Panel Size	Concentrated Load	Uniform Load	Ultimate Load	Accessories
AVR-PT40-HPL	40% Airflow HPL	600 x 600	3.5 KN	16 KN	11.5 KN	Pedestals & Stringers
AVR-PT20-HPL	20% Airflow HPL	600 x 600	3.5 KN	16 KN	11.5 KN	
AVR-PT40-V	40% Airflow PVC	600 x 600	3.5 KN	16 KN	11.5 KN	
AVR-PT20-V	20% Airflow PVC	600 x 600	3.5 KN	16 KN	11.5 KN	

Note: For Heavy Duty Flooring Please contact us Directly.

Cable Out

Provision for
Data / Voice Outlet

Power Outlet

AVB-340X240

AVB-340X240

AVB-250X220

AVB-230X130

AVB-250X125

SPECIFICATION

Floor boxes are specially designed in various sizes with different electrical and communication sockets to meet customer requirements.

MATERIAL:

Full Steel, Copper, casting plastic, bottom case has protective cover which prevent it from penetration of cement mortar.

APPLICATION:

Micro- Electronics workshop, Computer Room, Server Room, Control Room, and power control center.

ACCESSORIES:

Panel Lifter 2 Jaws
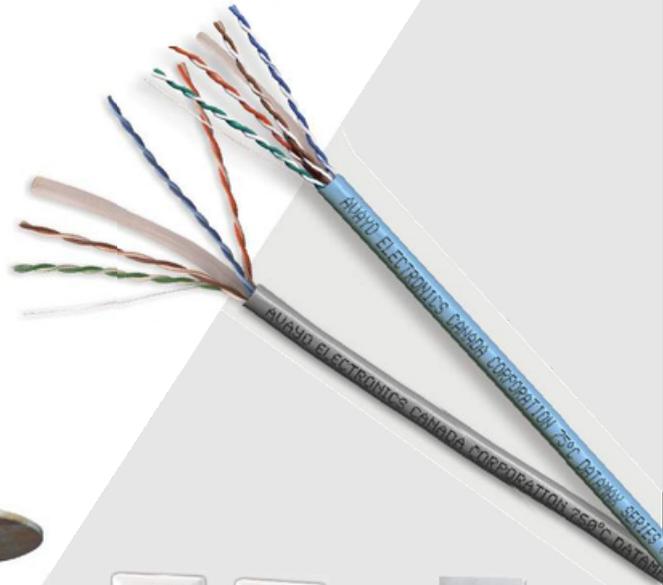
Panel Lifter 1Jaw

Square Brush
Grommet

Circular Brush
Grommet

Round Outline Box

CAT6 UTP Cable
(305m Roll)

Tenth Line Series
Cat 6A UTP Cable

Face Plates

Patch Cord

Blank Patch Panel
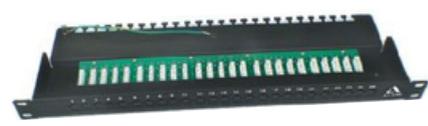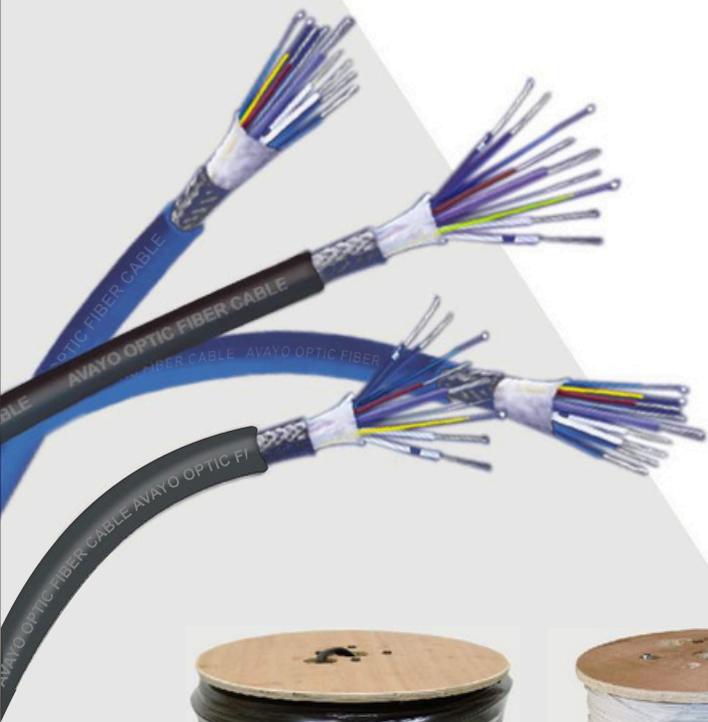
Key Stone Jacks

CAT6 and CAT5E Patch Panel

Voice Patch Panels

Fiber Optic
Indoor/Out Door Cables

Fiber Optic Cable
2Core, SM, LZSH
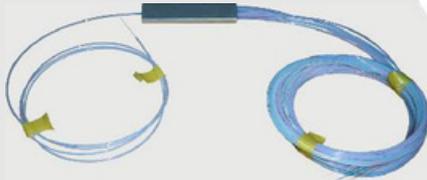
Fiber Patch Cords

Fiber Connectors & Adapters

Fiber Distribution Units

Fiber Pigtail

Fiber Optical Cable

Fiber Optic Splitter

ECONOMY SERIES FLOOR CABINETS

Available Series: Supreme, Fancy and 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 and 47U

Material: Spcc Quality Cold Rolled Steel.

Loading rate: 600 to 900 Kg

Color: RAL 9005 or RAL 7035

Surface finishing: Degrease Acid Pickling, Rest Prevention And Parkerizing, Pure Water Cleaning, Static Electricity Painting Over Powder Coating Durable.

Cable entry: Top and Bottom Cable Entry

Available Sizes:
(Width x Depth)
(mm)

600 x 600
600 x 800
600 x 1000
800 x 800
800 x 1000
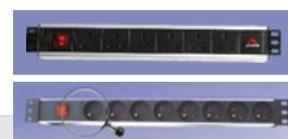
Accessories:

SINGLE & DOUBLE SECTION

Standard Features

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 gauge.
Profile	19" Adjustable profile in the front and rear ; in the rear mount section for Double section.
Profile Standard	Universal/EIA type heavy duty.
Loading Rate	Up to 40 KGS.
Front Door	Tempered glass door with lock.
Side Panels	Clutch opening type.
Top Fans	1 Fan heavy duty noiseless.
Cage Nuts	Heavy duty cage nuts universal/TIA/EIA Standard.
Cable Entry	Top and bottom cable entry.

Available Sizes: 4U, 6U, 9U, 12U, 15U,18U.

Accessories:

Certificates & Approvals
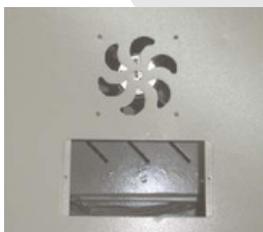
Tiffany Tower

Indigo Icon

One Lake Plaza

Academic City

HHHR Tower

Mirdiff City Center Dubai

Damas Twin Tower

Dubai Festival City

Ajman One Tower