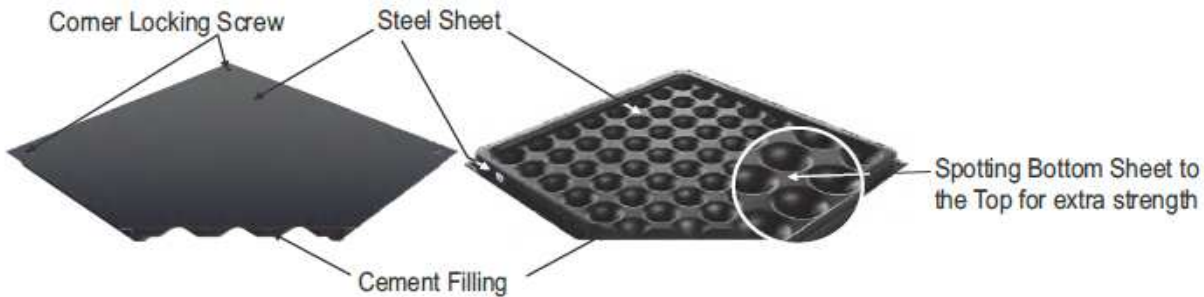


CEMENT CORE CORNER LOCK SYSTEM – BARE FINISH

AVAYO Cement Panels are fabricated with a top steel sheet welded to a formed steel bottom pan filled internally with a light weight cementitious which is totally encased within the steel welded shell. The top of the panel is a plane surface and the press formed structural cell domes in the bottom welded to the top plate. The design ensures proper distribution of load towards all sides of the panel.



The corner lock construction eliminates the use of stringers and allows panel edges fixed to pedestal head with four screw bolts which pass through matched holes in the panel head edge and pedestal head.

TECHNICAL DETAILS:

Product Type	: Corner Lock Bare Cementitious
Manufacturer	: Avayo Electronics Canada Corporation
Standards	: CISC, ASTM, NFPA, UL
Core Material	: Light Weight Cement
Panel Size	: 600x600 mm or 500x500 mm
Panel Thickness	: 33 mm
Panel Weight	: 13 kg
Construction	: Cement Filled in Steel Tray
Panel Finish	: Electro deposited epoxy paint (Bare Finish)
Fire rating Class	: Class 0
Heat Transfer	: 3 Hours
Combustion Properties	: Non Combustion
Seismic Performance	: Accordance with UBC-1997 for Zone 2A, Site D

MECHANICAL PROPERTIES:

Part No.	Concentrated Load	Design Load	Ultimate Load	Uniform Load	Impact Load	Rolling Load @10 passes	Rolling Load @10,000 passes
AVR-CL6035-20	2 KN	3.5 KN	7 KN	9 KN	670 N	2 KN	1.5 KN
AVR-CL6035-35	3.5 KN	5.5 KN	11 KN	16 KN	670 N	3.5 KN	2.5 KN
AVR-HCL6035-45	4.5 KN	6.5 KN	13.5 KN	23 KN	712 N	4.5 KN	3.5 KN
AVR-HCL6035-55	5.5 KN	8 KN	16.5 KN	33 KN	712 N	5.5 KN	4.5 KN

- Deflection : 2.5mm Max.
- Safety factor : 2
- Test method : As per CISC, ASTM, UL, NFPA Standards.

UNDER STRUCTURE:

Adjustable pedestals in pressed and galvanized steel with an adjustment field from 3 cm to 5 cm vertical adjustment. Rectangular base of pedestal with min. size 95mm x 95mm / 3mm thick with 4 strengthening ribs and 4 holes to permit mechanical fixing if required. Pedestal head with four holes aligned with holes in floor panels for bolting of panels to pedestals. Pedestal head designed to provide a combined support of the panel edge lip and the bottom corner of the panel.



TECHNICAL DETAILS:

Pedestal material	: Galvanized Steel
Head of the Pedestal	: Cross Head Top Designed To Locked Panels In To The Place.
Base Construction	: 95mm x 95mm x 2.5mm or 100mm x 100mm x 3.0mm
Pedestal tube	: 25mm Diameter 1.5 mm / 2.0 mm thick welded to the base
Construction Height	: 100 mm to 400 mm
Vertical Adjustment	: 30mm / 50mm with lock nut system

MECHANICAL PROPERTIES:

Part No.	Axial Load	Over turning Moment
AVR-CL6035-25	22 KN	113 NM
AVR-CL6035-35	22 KN	113 NM
AVR-HCL6035-45	22 KN	113 NM
AVR-HCL6035-55	22 KN	113 NM

In Raised floor, we do have,

- Low profile & High profile trunking system for a finished floor height from 3.5cm to 20 cm.
- Wood core Panel with antistatic HPL/PVC finish
- Cementitious Panel with antistatic HPL/PVC finish
- Calcium Sulphate Panel with antistatic HPL/PVC finish
- Perforated steel tiles with antistatic HPL/PVC finish