

## FLOOR STANDING CABINETS

# SEISMIC ENCLOSURES

Earthquake-proof cabinets from APW President are extremely rugged enclosures designed around a welded steel frame that inherently meets or exceeds Zone 3 seismic requirements while carrying equipment loads of as much as 550 kgs. With the addition of a simple kit to increase rigidity these cabinets can also comply with Zone 4 seismic requirements. The basic design of these cabinets enables them to carry upto 900 kgs of equipment load with an adequate safety margin.

Several versions of these Seismic Cabinets are possible - including standard industrial grade models with environmental sealing to IP55 level, Networking style enclosures for housing multiple servers and electromagnetically (EMC) compatible versions with shielding against radiation in the frequency range of 1 Mz to 1000 Mz.



*Seismic Cabinet for networking applications shown with a glass front door*



*Inside of the cabinet showing Zone 4 brackets at the four corners for providing additional rigidity*

### Features

- Conforms to DIN 41494 for 19" Rack mounting equipment
- Optional front and rear doors, plain or with venting
- Doors are fitted with rugged hinges and 3-point locking mechanisms
- Equipment mounting angles are fully recessible at front and rear
- Load rating upto 900 kgs

### Sizes

Heights : 30U, 36 U and 42U  
Width : 600 and 800mm  
Depths : 600, 800 and 1000mm

### Material and Finish

- Frame members are made of 2.0mm thick formed sheet steel, welded together and powder coated RAL 7035.
- Doors, panels and covers are made from 1.5mm thick sheet steel. All external covers are powder coated a combination of RAL 7035 (Light Grey) and RAL 7037 (Dark Grey).

### Scope of Supply

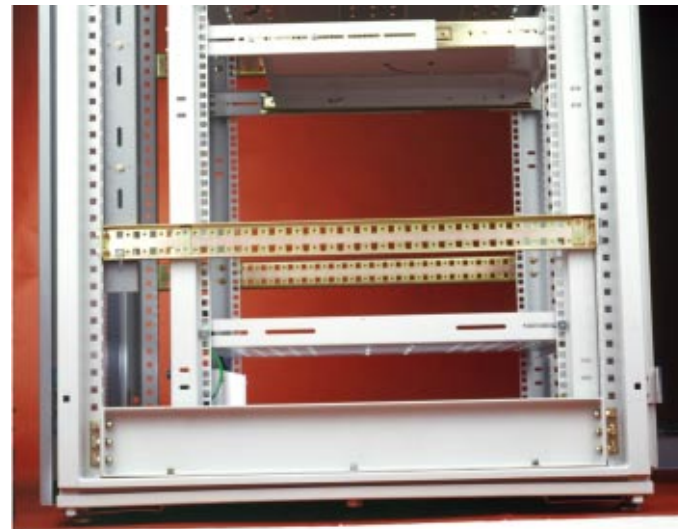
- Welded steel frame, Top/Bottom covers and two side panels.
- Bottom panel with gland plate for cable entry.
- Two pairs of 19" equipment mounting angles, recessible.



Close up view of corner brackets - part of the Zone

### Optional Accessories

- Front and Rear Steel Doors, plain or vented
- Rotary keyboard tray
- Castors with foot operated brakes
- Captive mounting hardware
- Stationary and sliding shelves
- Cantilever shelves
- Cooling fans, fan trays and FHU's
- Cable management accessories
- Cable control accessories
- AC mains channel
- AC distribution box
- Earth Continuity kit
- Base Frame
- Zone 4 Seismic Kit



Other elements of the Zone 4 kit seen installed for providing additional rigidity