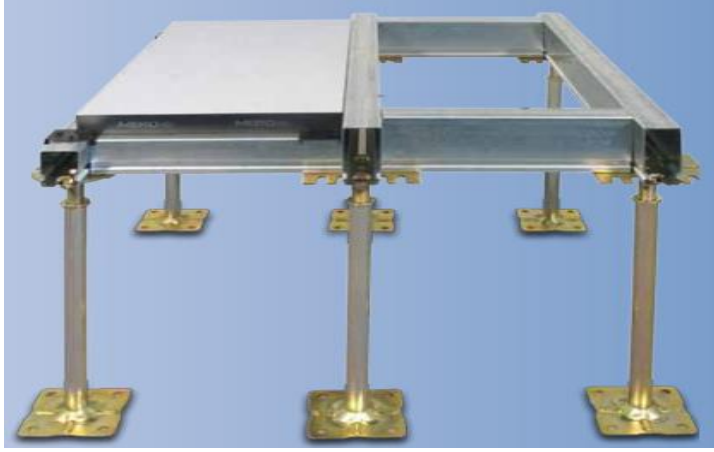




## SEISMIC INFRASTRUCTURE



**Chipboard Panels**

**Calcium sulphate panels**

### Panel:

|  |                               |                             |
|--|-------------------------------|-----------------------------|
| Dimension:<br>x 600 mm   | 600                           | 600 x 600 mm                |
| Panel thickness:<br>to 39 mm<br>(without floor covering)                                     | 38                            | 36 to 42 mm                 |
| Panel underside:<br>aluminium foil<br>without coating  | steel sheet or aluminium foil | steel sheet,                |
| System weight:<br>- 42 kg/m <sup>2</sup><br>(without floor covering, floor height 250<br>mm) | ~ 37                          | ~ 66 - 93 kg/m <sup>2</sup> |
| Panel weight:  | ~ 9,5 - 11 kg/piece           | ~ 20 - 26 kg/piece          |

### Understructure:

|  |                            |              |
|--|----------------------------|--------------|
| Module:  | 600 x 600 mm               | 600 x 600 mm |
| 600 x 1200 mm                                    | 600 x 1200 mm              |              |
| Pedestal material:                               | galvanized steel pedestals |              |
| Construction height: (without floor<br>covering) |                            |              |
| • System 2-600                                   | ~ 175 - 2500 mm            |              |
| • System 2-1200                                  | ~ 215 - 2500 mm            |              |
| Profiles understructure:                         | galvanized steel           |              |



• System 2-600

C-profile frame area: 115 x 40 mm

C-profile walking area: 72,5 x 40 mm

• System 2-1200

C-profile frame area: 72,5 x 40 mm

C-profile walking area: 30 x 40 mm

• System 2-600 heavy load

C-profile walking area: 50 x 40 mm

**Load values:**

Point load: 0 N 3.000 – 20.000 N  
2.000 – 6.00

Load class acc. to DIN EN class class 2 - 6  
1 - 6 12825:

Ultimate load:  $\geq$  .000 N  $\geq$  6.000 – 40.000 N  
4.000 – 12.

Safety factor:  $\geq$   $\geq$  2,0  
2,0

**Electrostatic:**  $>$   $>$  10<sup>6</sup> Ohm  
10<sup>5</sup> Ohm (Depending on systems  
and floor covering)

**Fire protection:**

Building material class acc. to  
DIN 13501 T1: C - s1,d0: System with aluminium foil A1 on panel  
underside;  
B - s2,d0: System with steel sheet on panel underside

Fire resistance class  
acc. to DIN 4102 T2: F30 possible F30 possible

acc. to EN 1366-6: R30 possible R30 / REI30 possible  
/ REI30

**Thermal conductivity:**  $\sim$   $\sim$  0,44 W/mk  
0,13 W/mk (base material)