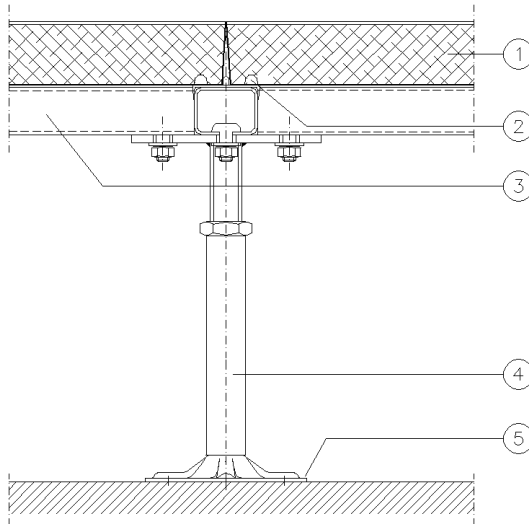


Technical data sheet Type 2 – switchgear station

**Walking area:**



- 1 Floor panel
- 2 Gasket Type 2
- 3 C-Profile
- 4 Pedestal  
(type depending on floor height)
- 5 Base plate glued to the underfloor  
– dowelling possible on request

**Panel:**

Dimensions: 600 x 600 mm  
 Panel thickness: ~ 36 - 40 mm  
 Surface: --  
 Underside: Aluminium foil, steel, without application  
 System weight: ~ 37 - 93 kg/m<sup>2</sup> (without covering, floor height 1000 mm)  
 Panel weight: ~ 9 - 25 kg/pc  
 Panel material: <sup>1)</sup> Chipboard panel, calcium sulphate, steel

**Understructure:**

Pedestals walking area: Galvanized steel, grid 600 x 600; 600 x 1200; 1200 x 1200  
 Construction height: 140 - 2.500 mm FFH  
 Supporting profiles walking area: Galvanized steel, C-Profile screwed with pedestals

**Load values:** <sup>2)</sup>

Point load / deflection class: 2.000 N - 20.000 N  
 Load class according to EN 12825: Class 1 - 6  
 Ultimate load: ≥ 4.000 N - 40.000 N  
 Safety factor: ≥ 2,0

**Electrostatic: (DIN EN 1081 / DIN IEC 61340-4-1)**

Depending on floor covering: R<sub>2</sub> respectively R<sub>G</sub> > 10<sup>5</sup> Ohm

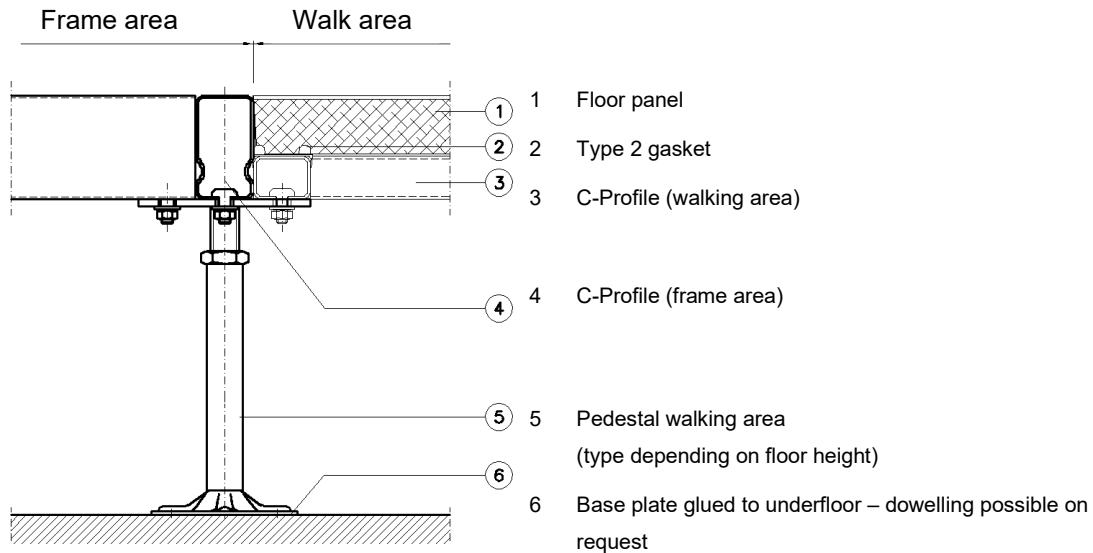
**Fire protection:**

Building material class (DIN EN 13501-1): A1 – flame-resistant  
 Fire resistance class (DIN 4102-2): F30 possible up to FFH 2000 mm  
 Fire resistance class (DIN EN 13501-2): REI30 possible up to FFH 2000 mm

1) The loads are depending on the test conditions, especially on the test method and the size of indenter.  
 MERO recommends the values acc. to the rules of use EN 12825.

Technical data sheet Type 2 – switchgear station

**Frame area standard:**



**Understructure:**

Pedestal frame area:	Steel galvanized, position of pedestals acc. to rack dimensions
Construction height:	140 - 2.500 mm FFH
Supporting profiles (frame area):	Steel galvanized, C-Profile

**Load values:** <sup>2)</sup>

Point load: <sup>3)</sup>	5.000 - 8.000 N
Ultimate load:	≥ 10.000 - 16.000 N
Safety factor:	≥ 2,0
Linear distributed load:	5.000 - 16.000 N/m

**Special- and heavy duty frame area:**

Point load: <sup>3)</sup>	Up to 20.000 N possible
Ultimate load:	Up to 40.000 N possible
Safety factor:	≥ 2,0
Linear distributed load:	Up to 40.000 N/m possible

2) Based on the max. free span of the load carrying profiles of 1.000 mm. Cross profiles only have a stiffening effect.

3) Load values are depending on the test conditions, especially on the test method and size of indenter. The referring load test has been done following the application guide line to DIN EN 12825, with an indenter of 40x40mm. The above mentioned standard does not provide a classification of the frame area.