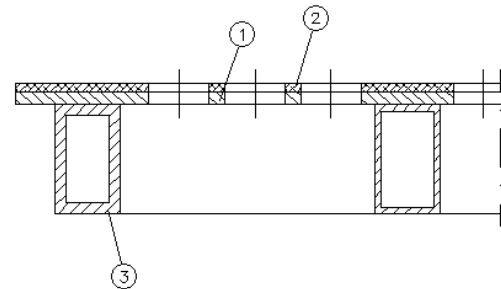
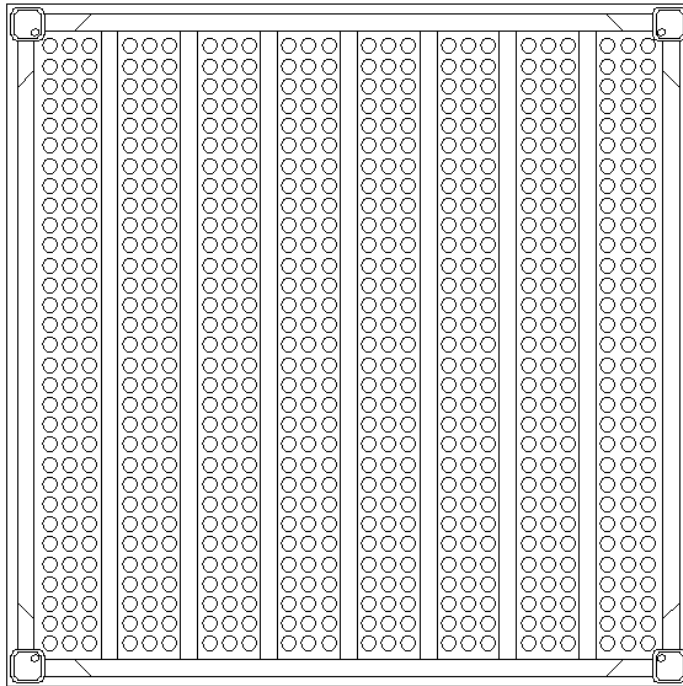


**System sketch:**



- 1. perforated steel sheet
- 2. floor covering
- 3. load bearing tube construction

**Panel:**

Dimensions: 600 x 600 mm  
 Panel thickness: Depending on floor system  
 Panel weight: ~ 12,5 kg (without covering)  
 Panel material: Steel, conductive powder coated

**Air conditioning data:**

Perforation: 744 circular holes  
 Free airflow: 30 - 32 % (circular holes  $\varnothing \sim 13,7$  mm)  
 Air volume: ~ 1.400 m<sup>3</sup>/h per panel at pressure drop of 10 Pa possible  
 Damper:

**Load values:\***

Concentrated load: 3.000 N  
 Tested acc. to DIN EN 12825: Class 3

**Electrostatic: (DIN EN 1081; DIN 54345)**

Depending on floor covering: R<sub>2</sub> or R<sub>EF</sub> > 10<sup>5</sup> Ohm

**Fire protection: (DIN 4102)**

Building material class: A1

\* The load values are depending on the test conditions, decisive is the mock-up and the size of the pressure stamp.

**Volume pressure**  
**Air conditioning panel ~ 32% with and without airflow control (AC)**

