





Product characteristics

- Highest precision
- Aero-dynamically non-abrasive
- Corrosion resistant
- Anti-magnetic
- Excellent electrostatic discharge
- High load-bearing capacity

System description

The raised floor system ALUVENT is a high quality aluminium die cast panel with an orthotropic design and is produced with maximum precision and accuracy. Its high load-bearing capacity and its abrasion resistance when used for ventilation purposes means that PRODATA is ideal for use in all clean rooms and other areas of application requiring high technical performance. There is an option to order these panels with factory-bonded floor covering or coating, which can be conductive if required. The substructure consists of height-adjustable zinc-coated steel pedestals from our own production which form the necessary cavity for installations and gaskets for sound decoupling.

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|---|--|-----------------------------------|
|  | Technical data | |
| | Panel thickness | 43.7 - 60 mm |
| | System weight | approx. 27 - 42 kg/m ² |
| | Pedestal height | 30 - 2000 mm |
| | Pedestal distance | 600 x 600 mm |
| | Earth resistance | ≥ 1 x 10 ⁴ Ω |
|  | Statics | |
| | EN 12825 | |
| | Load and deflection class | 5B - 6B |
| | Breaking load / concentrated load | 10 - 20 kN / 5 - 10 kN |
| | Safety factor | 2 |
|  | Ventilation | |
| | Free cross-section | 8.4 - 42.2 % |
|  | Fire protection | |
| | Reaction to fire performance of the carrier panel | |
| | DIN 4102-1 | A1 (non-combustible) |

Areas of application

- Electronic and semiconductor technology
- Microsystems and precision mechanics engineering and optics
- Computer rooms and control centres
- Pharmacy and medical technology

Belagseignung

- Elastic coverings
- Textile coverings
- Loose-laid tiles