

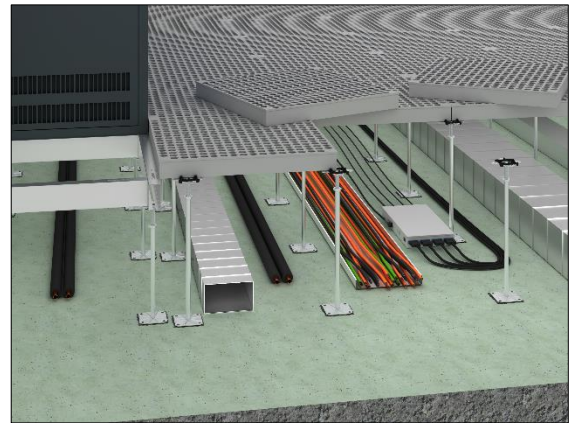


# OCTOGRATE

## Aluminium raised floor with ventilation function

The raised floor system OCTOGRATE is a high quality aluminium die cast panel with an orthotropic design and is produced with maximum precision and accuracy and, as a rule, covered with a conductive coating. With an open area of more than 53% OCTOGRATE has been specially designed for clean rooms where work is carried out with extremely high amounts of air yet little loss of pressure. These properties make OCTOGRATE ideal for use in clean rooms up to and including class ISO 3 (DIN EN ISO 14644-1). 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.

- highest precision
- aero-dynamically non-abrasive
- corrosion resistant
- anti-magnetic
- excellent electrostatic discharge
- high load-bearing capacity



### Samples for building portfolio

Data Centres, Utility Rooms, Assembly Rooms, Broadcasting Rooms, Television Studios, Common Rooms, Facilities for Meetings, Conventions and Conferences, Offices, Stage and Studio Rooms, Clean Rooms, Power Plants, Production Facilities, Laboratories and Research Facilities, Research Rooms, Library Rooms, Laboratories, Court Houses, Government Buildings, Entrance Areas

### Technical data

Weight	31 kg/m <sup>2</sup>	
Panel thickness	62 mm	
Standard pedestal height	50 – 2,000 mm	
Pedestal grid	600 mm x 600 mm	
Earth resistance	≥ 1 x 10 <sup>4</sup> Ω	

### Statics

Load and deflection class	DIN EN 12825	6B
Point load (breaking load)	DIN EN 12825	7 kN (14 kN)

### HVAC

Free cross-section		> 53 %
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### Fire protection




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**Reaction to fire performance of the carrier panel**

Reaction to fire performance	DIN 4102-1	A1
Reaction to fire performance	DIN EN 13501-1	A1
Designation by the building authorities	DIN 4102-1	non-combustible
Designation by the building authorities	DIN EN 13501-1	non-combustible

**Floor coverings**


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Suitability of covering		no covering possible, conductive or non-conductive powder coating
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