





## 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 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.

	<b>Technical data</b>	
	Panel thickness	62 mm
	System weight	approx. 31 kg/m <sup>2</sup>
	Pedestal height	30 - 2000 mm
	Pedestal distance	600 x 600 mm
	Earth resistance	≥ 1 x 10 <sup>4</sup> Ω
	<b>Statics</b>	
	<b>EN 12825</b>	
	Load and deflection class	6B
	Breaking load / concentrated load	14 kN / 7 kN
	Safety factor	2
	<b>Ventilation</b>	
	Free cross-section	> 53 %
	<b>Fire protection</b>	
	<b>Reaction to fire performance of the carrier panel</b>	
	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