

Partition system Multiclean CPH

Description

Non-load-bearing solid partition system in lightweight construction that meets the wide variety of requirements on interior design and engineering.

This movable partition system can be combined with various glazings and complemented by numerous accessories.

The partition system excels in high air tightness and is easy to clean and disinfect. GMP- and DIN EN ISO 14644 suitable design. The surface is even, flush, suitable for flush installation and does not contain any outgassing or particle emitting materials. The partition joints are optionally sealed with a clean room suitable sealant.

Field of application

- Pharmaceutical industry and medical engineering
- Electronics and semiconductor industry
- Microsystems-, precision mechanics- and optical industry
- Laboratories and research centers
- Surface treatment technology
- Data processing centers



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System description

Substructure	The substructure consists of galvanized or coated folded steel profiles.
Metal - panelling	<p>Shell construction with hook-on system</p> <ul style="list-style-type: none"> • Metal shell: 13 mm <ul style="list-style-type: none"> ○ Grinded and brushed stainless steel (duplo-grinding) ○ Grinded stainless steel ○ Coil-coating (duplex) Color: RAL 9010 ○ Powder coating acc. to RAL or NCS <p>Inlay and building material class</p> <p>Panelling system in composite with finished surface acc. to EN 13501</p> <ul style="list-style-type: none"> • plasterboard B-s1,d0 (B1) • plasterboard A2-s1,d0 (A2) • reinforcement profiles A2-s1,d0 (currently still under review with target specification) • aluminium honeycomb and rear shell A2-s1,d0 (A2)
Joints and connections	<p>The element joints are sealed with cleanroom suitable material or with synthetic profiles.</p> <p>Floor, ceiling and wall connections according to the requirements.</p>



Technical data

Partition thickness	80 mm
Axial grid	1200 mm (standard)
Partition height	up to 4.000 mm (depending on installation area ¹⁾)
System weight	38 - 42 kg/m ²
Sound insulation	Rw up to 52 dB acc. to DIN EN ISO 140-03 (depending on design)
Fire protection classification	F0
Joint width	4 mm (Standard)

¹⁾ installation area acc. to statics (installation area 1 or 2)



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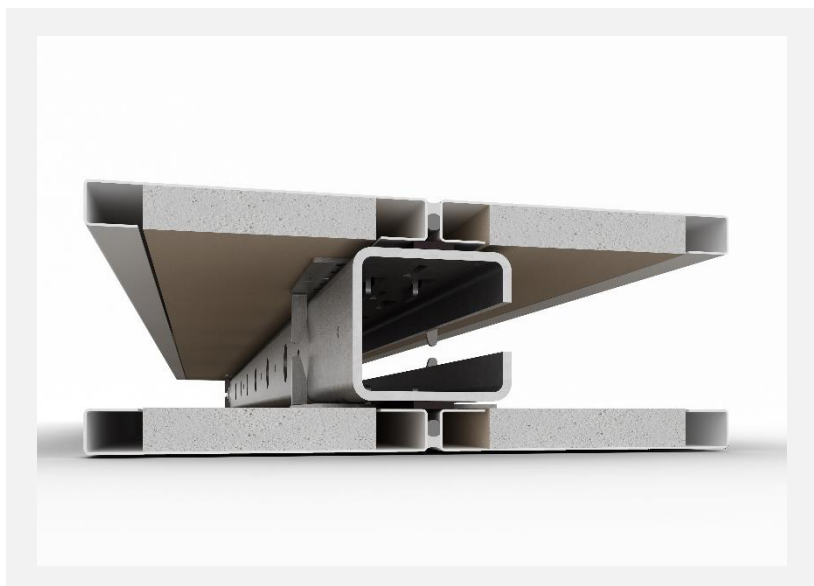
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Customized solutions based on the requirements of the project available upon request.

Applicable standards

- **DIN 18202** tolerances in building construction – branches of building industry



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