



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 wall can be combined with the Multiclean CPH 448 glazing system and supplemented with 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
- Data processing centers



For more information, visit our website
www.Lindner-Group.com

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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 coated according to RAL ○ Powder coated according to other common colour systems <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 optionally sealed with cleanroom suitable material or with synthetic profiles.</p> <p>Floor, ceiling and wall connections according to the requirements.</p>



Technical data

Element thickness (partition thickness)	80 mm
Standard width dimension (axial dimension)	1200 mm (standard) ^{1) 2)}
Partition height	up to 4.000 mm (depending on installation area) ^{1) 2)}
Weight	38 - 42 kg/m ²
Sound insulation	up to 52 dB R _w acc. to DIN EN ISO 717-1 (depending on design)
Fire protection classification	F0
Width of joints between elements	4 mm (Standard)

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

²⁾ The maximum wall height and the maximum module width can differ depending on the building physics



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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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