



Partition system Multiclean PPH

## Description

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Non-load-bearing partition system in lightweight construction that complies with a wide range of requirements for room design and technology.

This movable partition wall can be combined with the Multiclean PPH 480 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.

## Areas of application

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- Pharmaceutical industry and medical engineering
- Operating theatre technology
- Laboratories and research centers



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[www.Lindner-Group.com](http://www.Lindner-Group.com)

**LINDNER SE | CLEAN ROOMS**

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## System description

<b>Substructure</b>	Consisting of 80 mm visible stainless steel square tubes and folded or roll-formed galvanised steel profiles.
<b>Metal - panelling</b>	<p>Shell construction with hook-in system</p> <ul style="list-style-type: none"> <li>• Metal shell: 13 mm <ul style="list-style-type: none"> <li>○ Grinded and brushed stainless steel (duplo-grinding)</li> <li>○ Grinded stainless steel</li> <li>○ Coil-coating (duplex) Color: RAL 9010</li> <li>○ Powder coated according to RAL</li> <li>○ Powder coated according to other common colour systems</li> </ul> </li> </ul> <p><b>Inlay and building material class</b></p> <p>Panelling system in composite with finished surface acc. to EN 13501</p> <ul style="list-style-type: none"> <li>• plasterboard B-s1,d0 (B1)</li> <li>• plasterboard A2-s1,d0 (A2)</li> <li>• reinforcement profiles A2-s1,d0 (A2)</li> <li>• aluminium honeycomb and rear shell A2-s1,d0 (A2)</li> </ul>
<b>Joints and connections</b>	<p>The joints between the elements are optionally sealed with cleanroom suitable material or with a clamping profile.</p> <p>Floor, ceiling and wall connections according to the requirements.</p>



## Technical data

<b>Partition thickness</b>	80 mm (13 mm metal shell)
<b>Axial grid</b>	1200 mm (standard); <sup>1) 2)</sup> min. 100 mm up to max. 1420 mm
<b>Partition height</b>	up to max. 5.000 mm (depending on installation area) <sup>1) 2)</sup>
<b>System weight</b>	38 - 42 kg/m <sup>2</sup>
<b>Sound Insulation</b>	up to 46 dB R <sub>w</sub> acc. DIN EN ISO 717-1
<b>Joint width</b>	4 mm (standard)

<sup>1)</sup> Installation area according to statics (EB1 or EB2); non-bearing partition system acc. to DIN 4103

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



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Customized solutions are available according to the requirements of the project.

## Applicable standards

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- **DIN 18202** Toleranzen im Hochbau – Bauwerke  
(building construction tolerances – buildings)



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