



Partition system Multiclean CLVT

## Description

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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

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- 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

## System description

|                               |   |
|-------------------------------|---|
| <b>Substructure</b>           | The substructure consists of galvanized or coated folded steel profiles.  |
| <b>Panelling</b>              | <p>Modular design with hook-in system</p> <ul style="list-style-type: none"> <li>• Metal shell 13 mm <ul style="list-style-type: none"> <li>○ Galvanised sheet steel</li> <li>○ Powder coating acc. to RAL or NCS colour range</li> <li>○ Coil-Coating, colour RAL 9010</li> <li>○ Stainless steel ground and polished</li> </ul> </li> </ul> |
| <b>Joints and connections</b> | <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

|                            |   |
|----------------------------|---|
| <b>Partition thickness</b> | 100 mm  |
| <b>Axial grid</b>          | 1200 mm (standard)  |
| <b>Partition height</b>    | up to 6.000 mm (depending on installation area <sup>1)</sup> )                  |
| <b>System weight</b>       | 35 - 45 kg/m <sup>2</sup>   |
| <b>Sound insulation</b>    | up to 52 dB R <sub>w,P</sub> acc. to DIN EN ISO 140-03<br>(depending on design) |
| <b>Fire Resistance</b>     | F0  |
| <b>Joint width</b>         | 4 mm (Standard)   |

<sup>1)</sup> installation area acc. to statics (installation area 1 or 2)

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

## Applicable standards

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

