

Partition system Multiclean CLVT

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 glazing system Multiclean CLVT 437 glazing system and can be supplemented with a wide range of 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

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



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System description

Substructure	The substructure consists of galvanized or coated folded steel profiles.
Metal - panelling	<p>Modular design with hook-in system</p> <ul style="list-style-type: none"> • Metal shell 13 mm <ul style="list-style-type: none"> ○ Galvanized sheet steel ○ Powder coated according to RAL ○ Powder coated according to other common colour systems ○ Stainless steel ground and polished <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 (A2) • aluminium honeycomb and rear shell A2-s1,d0 (A2)
Joints and connections	<p>The joints between the elements are optionally sealed with cleanroom suitable material or with a clamping profile.</p> <p>Connection to floor, ceiling and walls according to the requirements.</p>



Technical data

Element thickness (partition thickness)	100 mm
Standard width dimension (axial dimension)	1200 mm ^{1) 2)}
Partition height	up to 6.000 mm (depending on installation area) ¹⁾²⁾
Weight	35 - 45 kg/m ²
Sound insulation	up to 54 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

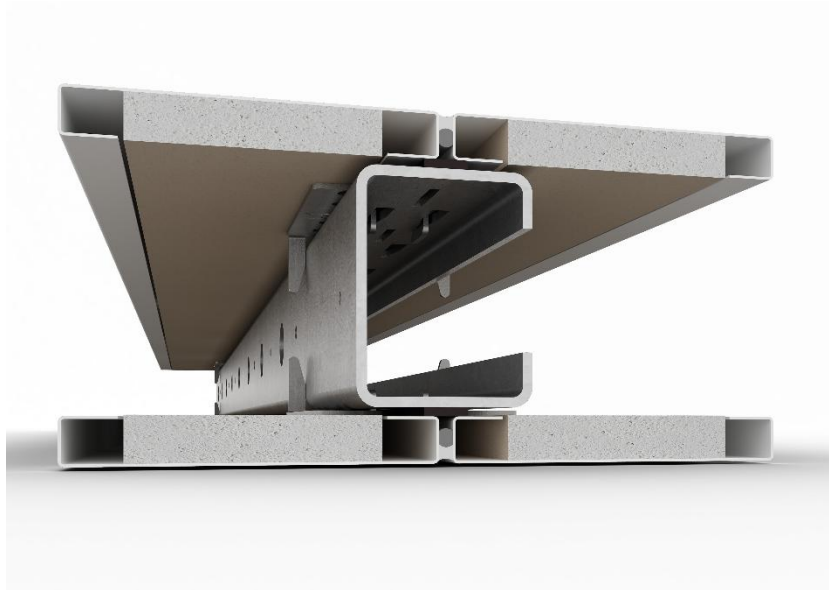


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Customized solutions based on the requirements of the project available upon request.

Applicable standards

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



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LINDNER SE | CLEAN ROOMS

Bahnhofstrasse 29 | 94424 Amstorf | Germany | Tel. +49 (0)8723 20-3671 | Reinraumtechnik@Lindner-Group.com | www.Lindner-Group.com

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