



Partition system Variodata

Description

The cleanroom partition system type Variodata has been developed specifically for use in the field of microelectronics and semiconductor electronics. The stand-beam construction with filling elements is highly flexible in assembly and disassembly and optimized for different requirements on the technology.

The partition system excels in high variability and is easy to clean. DIN EN ISO 14644 suitable design. The surface does not contain any outgassing or particle emitting materials.

Field of application

- Electronics and semiconductor industry
- Microsystems-, precision mechanics- and optical industry



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

LINDNER SE | CLEAN ROOMS

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System description

Materials and surfaces	<ul style="list-style-type: none"> • Aluminum <ul style="list-style-type: none"> ○ Powder coating acc. to RAL or NCS ○ Anodized • Sheet metal (standard) <ul style="list-style-type: none"> ○ Powder coating acc. to RAL or NCS ○ Coil-Coating (duplex) Color RAL 9010
Filling material	<ul style="list-style-type: none"> • Polystyrene (building material class B1) Density: 25 kg/m³ Thermal conductivity classification 035 - 040 • mineral wool (building material class A1) Density: 50 kg/m³ Thermal conductivity classification 035



Options

Glazing	Spandrel glazing toughened safety glass, laminated safety glass, Thickness: 6 - 8 mm
Accessories	<ul style="list-style-type: none"> • one- or two-leaf swing doors, sliding doors, high speed doors, etc. • overflow air grilles • material- or document airlocks

Technical data

Partition thickness	50 mm
Axial grid	1200 mm
Partition height	up to max. 4.200 mm (depending on installation area ¹⁾)
Fire protection classification	F0

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



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

Applicable standards

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



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