



Partition system Variodata

## Description

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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

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



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

**LINDNER SE | CLEAN ROOMS**

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## System description

### Materials and surfaces

- Aluminum
  - Powder coating acc. to RAL or NCS
  - Anodized
- Sheet metal (standard)
  - Powder coating acc. to RAL or NCS
  - Coil-Coating (duplex)  
Color RAL 9010

### Filling material

- Polystyrene (building material class B1)  
Density: 25 kg/m<sup>3</sup>  
Thermal conductivity classification 035 - 040
- mineral wool (building material class A1)  
Density: 50 kg/m<sup>3</sup>  
Thermal conductivity classification 035



## Options

### Glazing

Spandrel glazing  
 toughened safety glass, laminated safety glass,  
 Thickness: 6 - 8 mm

### Accessories

- one- or two-leaf swing doors, sliding doors, high speed doors, etc.
- overflow air grilles
- material- or document airlocks

## Technical data

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

<sup>1)</sup> 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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