



## Description

Lindner sliding doors are specially designed for use in clean rooms and precisely matched to the requirements in the various areas.

The door system can be optionally designed with one or two leaves, running in or in front of the wall and at room height.

The Lindner Slide GLS consists of a glass door leaf 40 - 50 mm thick and a steel frame. Both manual and automatic drives are available as drive options.

Specially developed solutions can be implemented for specific projects at any time.



## Fields of application

- Operating theatres
- Intensive care units
- Laboratories
- Pharmaceutical industry



For further information please visit  
[www.Lindner-Group.com](http://www.Lindner-Group.com)

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## 1. Door leaf

Number of door leaves	<ul style="list-style-type: none"> <li>• Single-leaf door</li> <li>• Double-leaf door</li> </ul>
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### 1.1 Glass door leaf (slim framed)

Material of outer shell	<ul style="list-style-type: none"> <li>• Frame: Stainless steel, galvanized sheet steel</li> <li>• Glazing: TSG, LSG, insulated glazing</li> </ul>
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Frame surface	<ul style="list-style-type: none"> <li>• Powder coated RAL 9010</li> <li>• Powder coated according to RAL</li> <li>• Powder coated according to NCS</li> <li>• Stainless steel double-cut (sanded and brushed)</li> <li>• Stainless steel 240 grit sanded</li> </ul>
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### 1.2 Built-in components / Extensions

Handle options	<ul style="list-style-type: none"> <li>• Bow-shaped handle (on both sides or on one side)</li> <li>• Shell handle (on both sides or on one side))</li> </ul>
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Built-in locks (optional)	<ul style="list-style-type: none"> <li>• Bar lock (<i>prepared for Euronorm profile cylinder or bathroom-type</i>)</li> </ul>
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Door sealing (optional)	<ul style="list-style-type: none"> <li>• stop seal (at the main closing edge of the door leaf)</li> <li>• vertical seal (at the rear edge of the door leaf)</li> <li>• horizontal seal (at the top of the door leaf)</li> <li>• horizontal drop-down seal (at the bottom of the door leaf)</li> </ul>
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Glazing (optional)	<ul style="list-style-type: none"> <li>• With internal electric blind</li> <li>• With internal manual blind</li> <li>• With internal electric roller blind</li> </ul>
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Installation variants of glazing	<ul style="list-style-type: none"> <li>• Flush installation without covering frame</li> <li>• With surface mounted covering frame</li> </ul>
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Specials (optional)	<ul style="list-style-type: none"> <li>• Radiation protection</li> <li>• Laser protection</li> </ul>
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## 2. Frame

Material	<ul style="list-style-type: none"> <li>Galvanized steel   thickness: 1,50 - 2,00 mm</li> <li>Stainless steel   thickness: 2,00 mm</li> </ul>
Surface	<ul style="list-style-type: none"> <li>Powder coated RAL 9010</li> <li>Powder coated according to RAL</li> <li>Powder coated according to NCS</li> <li>Stainless steel double-cut (sanded and brushed)</li> <li>Stainless steel 240 grit sanded</li> </ul>
Controls	<ul style="list-style-type: none"> <li>Operation button <sup>1)</sup> (<i>permanent on, person-, bed passage</i>)</li> <li>Rubber pad operation button on the frame <sup>1)</sup></li> <li>Pad switch <sup>1)</sup></li> <li>Non-contact controls <sup>1)</sup> (<i>integrated in the adjacent wall</i>)</li> </ul>
Controls / Signals (optional)	<ul style="list-style-type: none"> <li>Button for operating the integrated electric blinds and roller blinds</li> <li>Emergency button (for interlocking)</li> <li>Traffic light LED-RGB (for interlocking)</li> </ul>
Specials (optional)	<ul style="list-style-type: none"> <li>Radiation protection</li> </ul>

<sup>1)</sup> Only available with automatic drives.

## 3. Door drive profile (cover)

Material	<ul style="list-style-type: none"> <li>Galvanized steel   thickness: 1,50 - 2,00 mm</li> <li>Stainless steel   thickness: 2,00 mm</li> </ul>
Surface	<ul style="list-style-type: none"> <li>Powder coated RAL 9010</li> <li>Powder coated according to RAL</li> <li>Powder coated according to NCS</li> <li>Stainless steel double-cut (sanded and brushed)</li> <li>Stainless steel 240 grit sanded</li> </ul>
Construction	<ul style="list-style-type: none"> <li>Standard (<i>mounted visibly, lid folds upwards</i>)</li> <li>Room-high (<i>integrated in the ceiling, lid folds downwards</i>)</li> </ul>
Attachments (optional)	<ul style="list-style-type: none"> <li>Bacteria slide</li> </ul>



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#### 4. Door drive

Drive type	<ul style="list-style-type: none"><li>• Automatic door drive <i>according to DIN EN 16005 / DIN 18650</i></li><li>• Manual door drive <i>according to DIN EN 16005 / DIN 18650</i></li></ul>
Special function (optional)	<ul style="list-style-type: none"><li>• Airlock function <i>according to requirement</i></li></ul>

#### 5. Safety Precautions

Sensors (optional)	Door movement monitoring according to DIN 18650 and DIN EN 16005
Door leaf monitoring	Electronic monitoring of dynamic force limitation when opening and closing; the door stops and remains stopping as soon as the allowable resistance is exceeded.

#### 6. Performance

Fire protection	T0
Sound insulation	0 dB
Air leak	EN 12207 – Class 3



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