



Lindner Hinged Door Swing HPL

Description

The Swing HPL door system, specially designed for use in hospitals, offers maximum flexibility for a wide range of applications.

For example, both a laser protection and a radiation protection variant for operating theatres or X-ray rooms can be realized without any visual changes.

The HPL (High Pressure Laminate) door leaf surface is extremely impact and scratch resistant and offers excellent resistance to cleaning agents and disinfectants.

The Swing HPL door system is also available as a complete unit with automatic drive, interlock control, holding magnet or other electrical components.

Whether for manual use, automated or as a complex system integrated into interlock control systems - the options are extremely varied.

The door leaf has a thickness of 40 mm and the door gap is 3 - 4 mm.

Fields of application

- Operating theatres
- Intensive care units
- Laboratories



For further information please visit
Homepage www.Lindner-Group.com

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1. Door leaf

Number of door leaves	<ul style="list-style-type: none"> • Single-leaf door • Double-leaf door
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1.1 HPL door leaf (wood)

Material of outer shell	• HPL (<i>High Pressure Laminate</i>)
Surface of outer shell	• HPL Décor <i>according to customer requirements</i>

1.2 Built-in components / Extensions

Handle options	<ul style="list-style-type: none"> • Knob / Knob • Handle / Knob • Handle / Handle
Hinges	<ul style="list-style-type: none"> • VX – hinges • Hidden hinges
Main locks	<ul style="list-style-type: none"> • Mortise lock class 4 • Panic mortise lock • Profile cylinder
Door sealing (optional)	<ul style="list-style-type: none"> • Frame sealing • Floor sealing
Glazing (optional)	<ul style="list-style-type: none"> • Without blind / roller blind • With internal electric blind • With internal manual blind • With internal electric roller blind
Installation variants of glazing	<ul style="list-style-type: none"> • Flush installation without covering frame • With surface mounted covering frame
Special glazing (optional)	<ul style="list-style-type: none"> • Radiation protection • Laser protection
Additional hardware	<ul style="list-style-type: none"> • Additional locks • Reed switches • Electric opener • Strike plate • Scratch protection



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2. Frame

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

1) Only available with automatic drives.

3. Door Drive / Door Closer

Door closer	<ul style="list-style-type: none"> Integrated door closer Overhead door closer
Drive type	<ul style="list-style-type: none"> Automatic door drive according to DIN EN 16005 / DIN 18650
Special function (optional)	<ul style="list-style-type: none"> Airlock function according to requirement

4. 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.

5. Performance

Fire protection	T0
Sound insulation	Up to 35 dB Rw acc. to DIN EN 20140-3 (ISO 140-3: 1995)* *only for single leaf door



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