



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	<ul style="list-style-type: none"> • HPL (<i>High Pressure Laminate</i>)
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Surface of outer shell	<ul style="list-style-type: none"> • HPL Décor <i>according to customer requirements</i>
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1.2 Built-in components / Extensions

Handle options	<ul style="list-style-type: none"> • Knob / Knob • Handle / Knob • Handle / Handle
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Hinges	<ul style="list-style-type: none"> • VX – hinges • Hidden hinges
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Main locks	<ul style="list-style-type: none"> • Mortise lock class 4 • Panic mortise lock • Profile cylinder
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Door sealing (optional)	<ul style="list-style-type: none"> • Frame sealing • Floor sealing
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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
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Installation variants of glazing	<ul style="list-style-type: none"> • Flush installation without covering frame • With surface mounted covering frame
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Special glazing (optional)	<ul style="list-style-type: none"> • Radiation protection • Laser protection
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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 other common colour systems 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.

Standard sizes				
Clear frame heights:	2100 mm / 2300 mm / 2400 mm			
Clear frame widths:				
1-leaf doors	900 mm	1000 mm	1100 mm	1200 mm
1,5-leaf doors	1400 bzw. 1600 mm		1600 bzw. 1800 mm	
Active/inactive leaf	900 / 500 mm (manual)		1100 / 500 mm (manual)	
	900 / 700 mm (automatic)		1100 / 700 mm (automatic)	
2-leaf doors	1800 mm	2000 mm	2200 mm	2400 mm
Active/inactive leaf	900 / 900 mm	1000 / 1000 mm	1100 / 1100 mm	1200 / 1200 mm

Customised sizes available on request



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

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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