



Lindner Logic 100 Timber

Timber partition

For the individualisation of your room Lindner Logic 100 Timber offers many possibilities. A wide variety of solutions can be found in our broad range of panels, whether for vertical or horizontal installation.

- Combination with glass, metal or textile elements for a personal touch
- excellent acoustics due to optimised sound insulation
- wide range of high-quality wood types

Examples for areas of application

Work: Common Rooms, Facilities for Meetings, Conventions and Conferences, Stage and Studio Rooms, Office Buildings, Broadcasting Rooms, Television Studios, Assembly Rooms, Utility Rooms, Data Centres / IT facilities

Businesses, Recreation and Culture: Banks, Places of Assembly, Museums and Galleries, Stadiums and Arenas, Sales Areas, Shopping Centres, Cinemas and Multiplex Theatres, Concert Halls, Theatres and Opera Houses

Education: Universities and Higher Education Buildings, Schools, Libraries, Research Rooms

Transport: Railway Stations, Airports

Hotels and Gastronomy: Restaurants and Catering Facilities, Hotels and Resorts

Public Areas: Entrance Areas, Escape Routes

Public Institutions: Courts and Correctional Facilities, Town Halls, Government and Administrative Buildings

Healthcare: Clinics and Hospitals, Pharmacies (Production)

Residential building



Technical details

Technical Details

Substructure	Steel stud, constructed from folded or rolled steel sheet profiles varnished galvanised
Guidelines	Lindner visual quality criteria of wood materials composites
Tolerance Compensation	in height and width ± 15 mm object-related planning
Joints	depending on the system stud used, hidden hooks are installed into the vertical shadow gaps at modular centres for the Lindner Plus organisation system modular centres
Joint Seals	seals/sealing strips are installed on the floor, ceiling and support profiles
Connection	relocatable floor, ceiling and wall connections
Weight	30 - 71 kg/m ²



Dimensions

Dimensions

Height (H)	standard up to 5.000 mm (undivided 3.000 mm)
Joint width (F)	6 mm (optional 8 mm)
Axis grid	100 - 1,250 mm
Wall Thickness	100 mm 125 mm 165 mm

The maximum wall height and the maximum module width can differ depending on the building physics!

Acoustics

Building acoustics

Weighted normalised flanking level difference	ISO 717-1	$D_{n,f,w}$	42 - 66 dB
Weighted sound reduction index	ISO 717-1	R_w	38 - 57 dB

with double stud weighted sound reduction index of $R_w = 63 - 70$ dB

Fire protection

Fire Resistance

Fire Resistance	DIN 4102-2	F 0 F 30
Fire Resistance	EN 13501-2	EI 0 EI 30 EI 60

according to DIN 4102-2 also possible in F90 for specific projects

Safety

Security

Burglary protection	DIN EN 1627	RC2
---------------------	-------------	-----

Project-related possible

Static

Statics

Installation Area	DIN 4103 1	1 2
Seismic Safety		possible according to DIN EN 1998-1

This is a non-load-bearing partition wall!



Surfaces


Surfaces	
Profiles	Partition Surface COLOURline - Powder Coating Partition Surface MOODline - Powder Coating Deep Matt Partition Surface ANOXline - Anodized
Wall Shell	CPL Whiteboard surface
Wall Shell	Partition Surface VENEERline - Veneer Partition Surface PLATEOline - HPL and Melamine Partition Surface TEXTRALine - Textiles

Sustainability

Declarations

Product Self-Declaration	A self-declaration in accordance with ISO 14021 is available. This contains extensive environmental information for planning, tenders and building certifications (LEED, DGNB, EU taxonomy).
Emission report	An expert opinion is available for the product with regard to its emission values. The test laboratory is accredited according to ISO 17025 and notified for EN 16516.
Sustainable forestry	Our products can be supplied FSC™-certified (chain of custody certification) and fulfil all the necessary requirements. Certificate number: TUEV-COC-000515 Licence number: FSC™ C119815
Sustainable forestry	Our products can be supplied PEFC-certified (chain of custody certification). Licence number: PEFC/04-31-4057

Evidence

Indoor Air Comfort	Accomplished
Indoor Air Comfort Gold	Accomplished
AgBB	Accomplished
Green Level Certification	<div style="background-color: #4CAF50; color: white; padding: 5px; display: inline-block; border-radius: 10px;"> High  </div> Circularity: All components can be reused/ refurbished Life Cycle Assessment: Life Cycle Assessment according to DIN 14067 (Product Carbon Footprint) on request Cradle to Cradle Certified®: no C2C Certified® label available

Additional equipment

Additional Equipment

Lindner Plus Ventilation Panels - Typ S	Lindner Plus Ventilation Panels - Type S - Ventilation Panels
---	---



Combinable Systems

Combinable Systems

<p>Partitions</p>	<p>Lindner Logic 100 Metal - Metal partition Lindner Logic 100 Metal-Acoustic - Metal partition with sound absorbing surface Lindner Logic 100 Timber-Acoustic - Timber partition with sound absorbing surface Lindner Life Stereo 125 - Glass partition with front-mounted glazing Lindner Life Stereo_N - Glass partition with front-mounted glazing made of wood Lindner Life Stereo_GCC - Glass partition with front-mounted glazing made of the wood-based material GCC Lindner Life Contour 126 - Glass partition with front-mounted glazing Lindner Life Freeze 137 - Glass partition with flush-mounted bonded glazing Lindner Free Glass - Glass wall cladding Lindner Free Metal - Metal wall cladding Lindner Free Timber - Timber wall cladding</p>
<p>Doors</p>	<p>ATB 68 T0 - Aluminium tubular frame door ATB RS T0 - Smoke protection door ATB 42 T0 - Aluminium tubular frame door ATB 100 T0 - Aluminium tubular frame door GTB 56 T0 - Glass door GTB 10 T0 - Fully glass door GTB 100 T0 - Glass door GTB 13 T0 - Fully glass door HTB 41 T0 HTB 49 T0 HTB 68 T0 HTB 99 T0 HTB 49 T30 HTB 68 T30 HRT 68 T0 ATB-ADS 80 FR 30 - Fire protection door GTB-ADS 80 FR 30 - Fire protection door AST 42 T0 - Aluminium tubular frame sliding door element GST 10 T0 - Glass sliding door element GST 13 T0 - Glass sliding door element HST 41 T0 - Wooden sliding door element</p>
<p>Room-in-Room</p>	<p>Lindner Cube duo - Room-in-room system with double glazing Lindner Cube solo - Room-in-room system with single glazed profile walls</p>



Applications

