







Product characteristics

- Low system weight
- Quick installation
- Very good price - performance ratio
- Can be combined with other floor systems
- Manufactured in Germany acc. to the highest quality and environment standards

System description

The raised access floor system LIGNA glances with its high flexibility, the building-physical characteristics and convinces by economic aspects. The high density chipboard panels of emission class E1 are optionally applied with a humidity protection or steel sheet on the lower side and protected with an edge trim on all edges against shock and humidity. The substructure consists of height-adjustable zinc-coated steel pedestals from our own production which form the necessary cavity for installations and gaskets for sound decoupling.

	Technical data	
	Panel thickness	30,5 - 38,5 mm
	System weight	approx. 26 - 33 kg/m ²
	Pedestal height	25 - 2000 mm
	Pedestal distance	600 x 600 mm
	Earth resistance	≥ 1 x 10 ⁶ Ω
	Measurement deviation EN 12825	class 1
	Statics	
	EN 12825	
	Load and deflection class	1A - 5B
	Breaking load / concentrated load	4 - 10 kN / 2 - 5 kN
	Safety factor	2
	Fire protection	
	Reaction to fire performance of the carrier panel	
	EN 13501-1	difficult to ignite
	Fire resistance performance of the system	
DIN 4102-2 acc. to AbP	F30	
EN 13501-2 acc. to classification report	REI30	
	Acoustics	
	ISO 140	depending on
	Test / laboratory values	additional measures
	Normalised flanking level difference $D_{n,f,w}$	45 - 59 dB
	Weighted sound reduction index R_w	62 dB
Reduction of impact sound pressure level ΔL_w	16 - 33 dB	
Normalised flanking impact sound pressure level $L_{n,f,w}$	69 - 30 dB	
	Earthquake safety	
	International Building Code (IBC)	available in A - F
	Green Building	
	Environmental product declaration acc. to ISO 14025 and ISO 14021	

Areas of application

(Application guideline DIN EN 12825)

- Living rooms e.g. rooms and corridors in residential buildings, hotel rooms
- Office areas, working areas, corridors e.g. offices, hospitals, surgeries, ward rooms
- Technical rooms e.g. electrical distribution and switchgear cabinet rooms
- Areas for the gathering of people e.g. school rooms, restaurants, reading rooms

Suitability of coverings

- Elastic coverings
- Textile coverings
- Loose-laid tiles
- WOODline
- HPL

Informations on Lindner AG



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