







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 applied with a humidity protection on the upper and 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.

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	Technical data		
	Panel thickness	38 mm	
	System weight	approx. 26 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	1B	
	Breaking load / concentrated load	4 kN / 2 kN	
Safety factor			2
	Fire protection		
	Reaction to fire performance of the carrier panel		
	EN 13501-1	C-s1,d0 (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	without covering	with covering
	Test / laboratory values		
			(ΔL _w =29 dB)
	Normalised flanking level difference D _{n,f,w}	45 dB	48 dB
	Weighted sound reduction index R _w	62 dB	-
Reduction of impact sound pressure level ΔL _w	16 dB	29 dB	
Normalised flanking impact sound pressure level L _{n,f,w}	69 dB	56 dB	
	Earth quake 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

Suitability of coverings

- Loose-laid tiles

Informations on Lindner AG



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