






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. Switchgear profiles with gaskets for sound decoupling are fixed on the pedestals with hammer head screws for vertical load improvement.

	Technical data	
	Panel thickness	38 - 38.5 mm
	System weight	approx. 38 - 42 kg/m ²
	Pedestal height	105 - 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	6A
	Breaking load / concentrated load	12 - 14 kN / 6 - 7 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
	Earthquake safety	
	International Building Code (IBC)	available in A - F
	Green Building	
	The floor system can contribute positively to national and international building certifications	

Areas of application

(Application guideline DIN EN 12825)

- Office areas, working areas, corridors with increased load requirements
- Technical rooms with increased load requirements e.g. electrical distribution and switchgear cabinet rooms
- Assembly halls und areas for the gathering of people with increased load requirements
- Sales rooms with increased load requirements e.g. areas in retail stores
- Factories, workshops and warehouses
- Special areas e.g. rooms with the use of transport devices

Suitability of coverings

- heavy duty coverings

Informations on Lindner AG



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