






Product characteristics

- Superb walking comfort
- Very high loadability
- Non-combustible
- Simple lifting and exchanging of single panels
- Very wide choice of coverings

System description

The raised floor system NORTEC power was developed especially for heavy duty areas. The raised access floor panels type power consist of fibre-reinforced calcium sulphate with optimised panel mixture are applied with a steel sheet on the lower side. The panels are protected against shock and humidity by an edge trim on all edges. 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	36.5 - 44.5 mm
	System weight	65 - 81 kg/m ²
	Pedestal height	28 - 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 - 40 kN / 6 - 20 kN
	Safety factor	2
	Fire protection	
	Reaction to fire performance of the carrier panel	
	DIN 4102-1	A2 (non-combustible)
	EN 13501-1	A1 (non-combustible)
	Fire resistance performance of the system	
DIN 4102-2 acc. to AbP	F30	
	Earth quake 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 rooms and areas for the gathering of people with increased load requirements e.g. museums, sport halls, stages, athletic sports rooms
- Sales rooms with increased load requirements
- Factories, workshops and warehouses e.g. libraries, storage areas
- 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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