



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	45 - 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
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Earth quake safety

International Building Code (IBC)	available in A - F
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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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