



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 access floor system NORTEC is the ideal product for nearly all applications with its excellent technical and building-physical characteristics. The raised access floor panels consist of fibre-reinforced calcium sulphate and are optionally 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 and gaskets for sound decoupling.

Technical data	
Panel thickness	20.5 - 38.5 mm
System weight	36 - 65 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 - 5A
Breaking load / concentrated load	4 - 10 kN / 2 - 5 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, F60
EN 13501-2 acc. to classification report	REI30, REI60

Acoustics	
ISO 140	depending on additional measures
Test / laboratory values	
Normalised flanking level difference $D_{n,f,w}$	48 - 64 dB
Weighted sound reduction index R_w	61 dB
Reduction of impact sound pressure level ΔL_w	11 - 36 dB
Normalised flanking impact sound pressure level $L_{n,f,w}$	73 - 38 dB

Earth quake safety	
International Building Code (IBC)	available in A - F

Green Building	
Cradle to Cradle Certified™ Silver	
Environmental product declaration acc. to ISO 14025 and ISO 14021	

Areas of application

(Application guideline DIN EN 12825)

- Office areas, working areas, corridors
e.g. hospitals, treatment rooms
- Technical rooms
e.g. electrical distribution and switchgear cabinet rooms
- Assembly rooms and areas for the gathering of people
e.g. churches, cinemas, congress halls, museums, showrooms, restaurants, school rooms
- Sales rooms
e.g. areas of sales rooms, retail stores and department stores
- Special areas
e.g. rooms with the use of transport devices
- Factories, workshops and warehouses
e.g. factories and workshops with light use

Suitability of coverings

- Elastic and textile coverings
- HPL
- Loose-laid tiles
- WOODline
- STONEline

Informations on Lindner AG



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