



NORTEC power

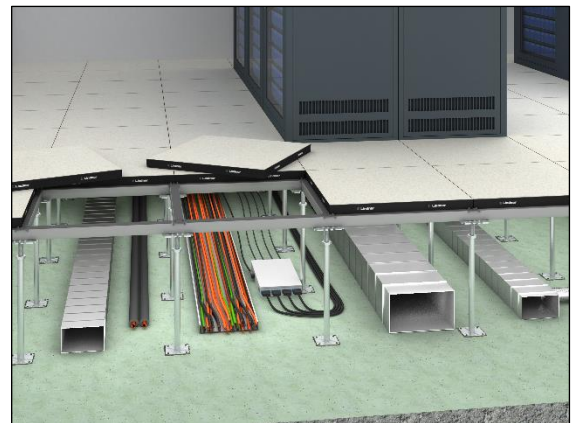
Raised floor for heavy-duty areas

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 fixing gaskets for sound decoupling can be fixed on the pedestals with hammer head screws for vertical load improvement.

- superb walking comfort
- very high loadability
- non-combustible
- simple lifting and exchanging of single panels
- very wide choice of coverings

Samples for building portfolio

Assembly Rooms, Broadcasting Rooms, Television Studios, Common Rooms, Data Centres, Facilities for Meetings, Conventions and Conferences, Stage and Studio Rooms, Utility Rooms, Offices, Banks, Museums, Places of Assembly, Sales Areas, Shopping Centres, Cinemas and Theatres, Concert Halls, Gymnasiums, Library Rooms, Research Rooms, School, School of Higher Education, Power Plants, Production Facilities, Laboratories and Research Facilities, Clean Rooms, Airports, Subways and Tunnels, Train Stations, Entrance Areas, Escape Routes, Court Houses, Government Buildings, Laboratories, Clinics and Hospitals



Technical data

Weight	56 - 90 kg/m ²
Panel thickness	30.5 - 44.5 mm
Standard pedestal height	45 - 2,000 mm
Pedestal grid	600 mm x 600 mm
Dimensional deviation	class 1
Earth resistance	≥ 1 x 10 ⁶ Ω

Statics

Load and deflection class	EN 12825	6A
Point load (breaking load)	EN 12825	6 kN (12 kN) - 15 kN (30 kN)
Seismic safety		earthquake-proof construction possible



Fire protection

Building material class of the carrier panel

Building material class	EN 13501-1	A1
Designation by the building authorities	EN 13501-1	non-combustible

Fire resistance

Fire resistance	DIN 4102-2	F 30
Fire resistance	EN 13501-2	REI 30 possible with additional measures

Acoustics

Building acoustics

Normalised flanking level difference depending on additional measures	ISO 717-1	$D_{n,f,w}$	49 dB
Rated sound reduction index depending on additional measures	ISO 717-1	R_w	61 dB
Reduction of impact sound pressure level depending on additional measures	ISO 717-2	ΔL_w	14 dB
Normalised flanking impact sound pressure level depending on additional measures	ISO 717-2	$L_{n,f,w}$	70 dB

Sustainability

Circular economy	Cradle to Cradle Certified® Silver
Self-declaration	self-declaration in acc. with ISO 14021
Environmental product declaration	verified EPD in acc. with EN 15804 / ISO 14025
FSC	optional (TUEV-COC-000515)
French VOC Regulation	Emission class A+

Floor coverings

Suitability of covering	heavy duty coverings
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