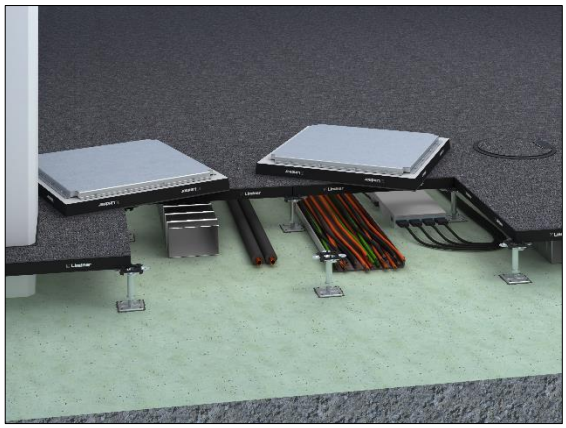
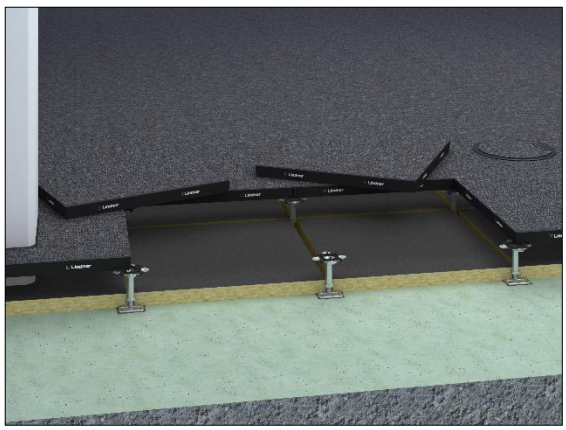
NORTEC acoustic

Raised floor for acoustical adjustment

The raised floor system NORTEC acoustic is used for the acoustic optimisation of rooms. The perforated raised access floor panels type acoustic consist of fibre-reinforced calcium sulphate, a qualified covering and optionally project-specific cavity sound deadening, acoustic fleece or acoustic element for the regulation of the room acoustics and the optimisation of the degree of sound absorption. The panels are coated with HF 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.

- acoustic-effective floor panel with qualified covering and optinal with cavity sound deadening, acoustic fleece or acoustic element
- excellent absorption performance
- multiple options with the choice of qualified coverings
- different variants of the acoustic panels can be combined with eath other and other floor systems





Samples for building portfolio

Assembly Rooms, Broadcasting Rooms, Television Studios, Common Rooms, Facilities for Meetings, Conventions and Conferences, Offices, Stage and Studio Rooms, Banks, Cinemas and Theatres, Concert Halls, Museums, Sales Areas, Places of Assembly, Shopping Centres, Library Rooms, School, School of Higher Education, Court Houses, Government Buildings, Entrance Areas, Escape Routes

Technical data

Weight	59 - 64 kg/m²
Panel thickness	38 - 68 mm
Standard pedestal height	40 – 2,000 mm
Pedestal grid	600 mm x 600 mm
Dimensional deviation	class 1
Earth resistance	≥ 1 x 10^6 Ω

Lindner SE | Floors
Bahnhofstraße 29 | 94424 Arnstorf | Germany
Phone +49 8723 20-3682
floorsystems@Lindner-Group.com | www.Lindner-Group.com

Statics

Load and deflection class	DIN EN 12825	2A
Point load (breaking load)	DIN EN 12825	3 kN (6 kN)
Seismic safety		earthquake-proof construction possible

Fire protection

Building material class of the carrier panel

Building material class	DIN EN 13501-1	A1
Building material class	DIN 4102-1	A2
Designation by the building authorities	DIN EN 13501-1	non-combustible
Designation by the building authorities	DIN 4102-1	non-combustible

Acoustics

Room acoustics

Degree of sound absorption depending on covering	DIN EN ISO 354	α_w	0.15 - 0.75
Sound absorption class	DIN EN ISO 11654		E - C

Sustainability

Circular economy	Cradle to Cradle possible
Self-declaration	self-declaration in acc. with ISO 14021 possible
Environmental product declaration	verified EPD in acc. with EN 15804 / ISO 14025 possible

Floor coverings

Suitability of covering	qualified, acoustic-effective coverings, WOODline possible

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