







## Product characteristics

- Acoustic-effective floor panel with qualified covering and optional 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 each other and other floor systems

## System description

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.

	<b>Technical data</b>	
	Panel thickness	approx. 38 - 68 mm
	System weight	approx. 59 - 64 kg/m <sup>2</sup>
	Pedestal height	25 - 2000 mm
	Pedestal distance	600 x 600 mm
	Earth resistance	≥ 10 <sup>6</sup> Ω
	Measurement deviation EN 12825	class 1
	<b>Statics</b>	
	<b>EN 12825</b>	
	Load class	2A
	Breaking load / concentrated load	6 kN / 3 kN
	Safety factor	2
	<b>Fire protection</b>	
	<b>Reaction to fire performance of the carrier panel</b>	
	DIN 4102-1	A2 (non-combustible)
	EN 13501-1	A1 (non-combustible)
	<b>Sound absorption</b>	
	Degree of sound absorption $\alpha_w$	0,20 - 0,70
		depending on covering
	Sound absorption class	C - D
	<b>Earth quake safety</b>	
	International Building Code (IBC)	available in A - F
	<b>Green Building</b>	
	The floor system can contribute positively to national and international building certifications	

## Areas of application

(Application guideline DIN EN 12825)

- Einsatz in Nutzungsbereichen mit akustischer Auslegung
- Büroflächen, Arbeitsflächen, Flure  
z.B. Bürobereiche, Krankenhäuser, Arztpraxen, Aufenthaltsräume
- Technikräume  
z.B. Rechenzentren, Elektroverteiler- und Schaltschrankräume
- Flächen für die Versammlung von Personen  
z.B. Schulräume, Restaurants, Lesesäle, Atrien, Empfangsbereiche

## Suitability of coverings

- qualifizierte akustisch wirksame Oberbeläge

## Informations on Lindner AG



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