







### 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 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.

	<b>Technical data</b>		
	Panel thickness	30.5 mm	
	System weight	approx. 44 kg/m <sup>2</sup>	
	Pedestal height	25 - 1830 mm	
	Pedestal distance	600 x 600 mm	
	Earth resistance	≥ 1 x 10 <sup>6</sup> Ω	
	Measurement deviation EN 12825	class 1	
	<b>Point load</b>		
	Int. standard, center of panel	5,500 N	
	<b>Reaction to fire performance of the carrier panel</b>		
	DIN 4102-1	A2 (non-combustible)	
	EN 13501-1	A1 (non-combustible)	
	<b>Fire resistance performance</b>		
	DIN 4102	F30 up to 1300 mm	
	<b>Sound values</b>	without covering	with covering (ΔL <sub>w</sub> =27 dB)
	ISO 140, VDI 3762 is to be noted		
	Normalised flanking level difference D <sub>n,f,w</sub>	50 dB	51 dB
	Weighted sound reduction index R <sub>w</sub>	61 dB	-
	Reduction of impact sound pressure level ΔL <sub>w</sub>	15 dB	26 dB
	Normalised flanking impact sound pressure level L <sub>n,f,w</sub>	72 dB	51 dB
	<b>Earth quake safety</b>		
	International Building Code (IBC)	available in A - F	
	<b>Sustainability</b>		
	Product characteristics	DGNB/LEED conformity	

### Areas of application

(Application guideline DIN EN 12825)

- Living rooms  
e.g. rooms and corridors in residential buildings, hotel rooms
- Office areas, working areas, corridors  
e.g. offices, hospitals, surgeries, ward rooms

### Suitability of coverings

- Elastic coverings
- Textile coverings
- Loose-laid tiles
- WOODline

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 Deutsche Gesellschaft für Nachhaltiges Bauen e.V.  
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