







Product characteristics

- Perforated floor panels
- Suited for seepage ventilation coverings
- Superb walking comfort
- High loadability
- Can be combined with other floor systems
- Manufactured in Germany acc. to the highest quality and environment standards

System description

The raised access floor system NORTEC sonic is used for the climatic optimisation of rooms. The perforated raised access floor panels type sonic consist of fibre-reinforced calcium sulphate and are applied 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.

	Technical data	
	Panel thickness	approx. 38 mm
	System weight	approx. 57 kg/m ²
	Pedestal height	28 - 2000 mm
	Pedestal distance	600 x 600 mm
	Earth resistance	≥ 10 ⁶ Ω
	Measurement deviation EN 12825	class 1
	Statics	
	EN 12825	
	Load and deflection class	1A - 3A
	Breaking load / concentrated load	4 - 8 kN / 2 - 4 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)
	Ventilation	
	Airflow rate at 20 Pa	192 - 1294 m ³ /h panel (without covering)
	Free cross-section	4 - 24%
	Earth quake safety	
	International Building Code (IBC)	available in A - F
	Green Building	
	The floor system can contribute positively to national and international building certifications	

Areas of application

(Application guideline DIN EN 12825)

- Application in areas of use with ventilation
- Living rooms e.g. rooms and corridors in residential buildings, hotel rooms
- Office areas, working areas, corridors e.g. offices, hospitals, surgeries, ward rooms
- Technical rooms e.g. electrical distribution and switchgear cabinet rooms
- Factories, workshops and warehouses
- Assembly rooms and areas for the gathering of people e.g. school rooms, restaurants, concert halls

Suitability of coverings

- WOODline
 - HPL
 - Elastic coverings
 - Textile coverings
- Coverings have to be suited for seepage ventilation or a perforation

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