



Product characteristics

- Quick reaction period with heating and cooling
- Nearly all covering types possible
- Environmental-friendly due to low flow temperature
- Heating performance 84 - 86 W/m²
- Cooling performance 32 - 36 W/m²

System description

The raised floor system NORTEC comfort creates a high performance heating and cooling system for a pleasant room climate. The raised access floor panels type comfort consist of fibre-reinforced calcium sulphate, are equipped with integrated heating and cooling lines and are applied with a humidity protection 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	44 mm
	System weight	approx. 62 kg/m ²
	Pedestal height	25 - 2000 mm
	Pedestal distance	600 x 600 mm
	Measurement deviation EN 12825	class 1
	Statics	
	EN 12825	
	Load and deflection class	2A
	Breaking load / concentrated load	6 kN / 3 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)
	Fire resistance performance of the system	
DIN 4102-2 acc. to AbP	F30	
EN 13501-2 acc. to classification report	REI30	
	Heating and cooling performance	
	Heating performance acc. to EN 1264-2	84 - 86 W/m ²
	Cooling performance acc. to EN 1264-5	32 - 36 W/m ²
	Heating tube	Ø 12 x 1.3 mm
	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 regulatable room climate
- Office areas, working areas, corridors e.g. offices, hospitals, surgeries, ward rooms
- Technical rooms e.g. electrical distribution and switchgear cabinet rooms
- Areas for the gathering of people e.g. school rooms, restaurants, reading rooms

Suitability of coverings

- Elastic coverings
- Textile coverings
- HPL
- STONEline
Suitability for underfloor heating required

Informations on Lindner AG



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