







Product characteristics

- Quick reaction period with heating and cooling
- Nearly all covering types possible
- Heating performance 66 W/m² - 76 W/m² and cooling performance 33 W/m² - 40 W/m²
- Environmental-friendly due to low flow temperature

System description

The dry hollow floor system FLOOR and more® comfort creates a pleasant environment for the occupier by its intelligent heating and cooling. The hollow floor panels type comfort consist of fibre-reinforced calcium sulphate. Pre-milled grooves for taking up the heating and cooling lines are closed after the installation by a filling compound. The gluing of the FLOOR and more® panels is made with a special tongue and grooving at the edges of the panels which are forming a closed load bearing layer. The substructure consists of height-adjustable zinc-coated steel pedestals from our own production which form the necessary cavity for installations.

	Technical data	
	Panel thickness	40 mm
	System weight	approx. 52 - 62 kg/m ²
	Pedestal height	40 - 2000 mm
	Pedestal distance	600 x 600 mm
	Statics	
	EN 13213	
	Load class	3 - 5
	Breaking load / concentrated load	8 - 10 kN / 4 - 5 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	
	Tube distance	100 mm, 150 mm
	Heating performance DIN EN 1264 T2	66 - 76 W/m ²
	Cooling performance DIN EN 1264 T5	33 - 40 W/m ²
	Heating tube	Ø 17 x 2,0 mm
	Earthquake 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 13213)

- Application in areas with adjustable surface temperatures
- Office areas, working areas, corridors
e.g. offices, hospitals, surgeries, ward rooms
- Assembly rooms and areas for the gathering of people
e.g. school rooms, restaurants, reading rooms, museums, reception areas, concert halls, lobbies
- Sales rooms
e.g. in residential and office buildings

Suitability of coverings

- Elastic coverings
- Textile coverings
- Parquet
- ceramics, natural stone
Suitability for underfloor heating required

Informations on Lindner AG



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