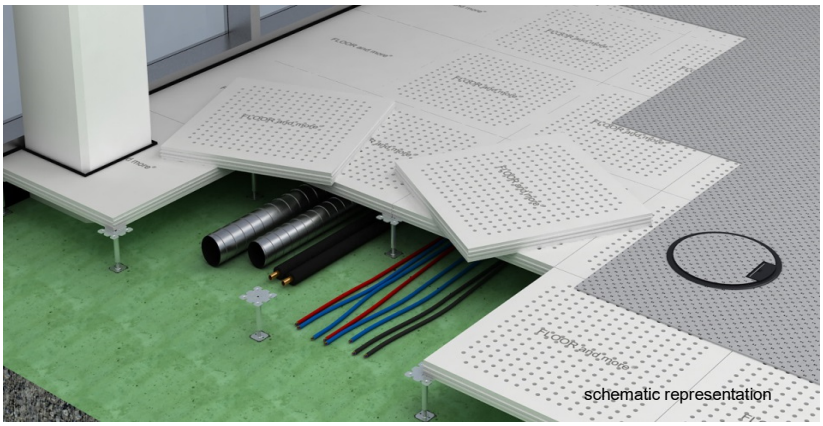
Product data sheet

Hollow floor
Type FLOOR and more® sonic



schematic representation

Product characteristics

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

System description

The dry hollow floor system FLOOR and more® sonic is used for the climatic optimisation of rooms. The perforated hollow floor panels type sonic consist of fibre-reinforced calcium sulphate. 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	approx. 36 - 40 mm
System weight	approx. 51 - 55 kg/m²
Pedestal height	40 - 2000 mm
Pedestal distance	596 x 596 mm
Statics	
EN 13213	
Load class	2 - 5
Breaking load / concentrated load	6 - 10 kN / 3 - 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)
Ventilation	
Airflow rate at 20 Pa	192 - 1294 m³/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 13213)

- Application in areas of use with ventilation
- Office areas, working areas, corridors
  e.g. offices, hospitals, surgeries, ward rooms
- Areas for the gathering of people
  e.g. school rooms, restaurants, reading rooms

Suitability of coverings

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

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Lindner AG, Bahnhofstraße 29, 94424 Arnstorf / Germany, Tel. +49(0)8723/20-36 82, Fax +49(0)8723/20-28 30, floorsystems@Lindner-Group.com, www.Lindner-Group.com