







Product characteristics

- Superb walking comfort
- Very high loadability
- Low system weight
- Quick installation
- Can be combined with other floor systems
- Manufactured in Germany acc. to the highest quality and environment standards
- Free choice of coverings

System description

The dry hollow floor system FLOOR and more® offers stability and state-of-the-art technology. The hollow floor panels 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	24 - 44 mm
	System weight	38 - 70 kg/m ²
	Pedestal height	40 - 2000 mm
	Pedestal distance	596 x 596 mm / 600 x 600 mm
	Statics	
	EN 13213	
	Load class	1 - 5
	Breaking load / concentrated load	4 - 10 kN / 2 - 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, REI60
	Acoustics	
	ISO 140	depending on
	Test / laboratory values	additional measures
	Normalised flanking level difference $D_{n,f,w}$	36 - 59 dB
	Weighted sound reduction index R_w	62 - 64 dB
	Reduction of impact sound pressure level ΔL_w	9 - 31 dB
	Normalised flanking impact sound pressure level $L_{n,f,w}$	92 - 37 dB
	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)

- Living rooms e.g. rooms and corridors in residential buildings
- Office areas, working areas, corridors e.g. offices, hospitals, surgeries
- Sales rooms e.g. areas of sales rooms, retail stores and department stores
- Factories, workshops and warehouses e.g. factories and workshops with light use
- Assembly rooms and areas for the gathering of people e.g. school rooms, restaurants, concert halls, showrooms, cinemas, auditoriums, reading rooms

Suitability of coverings

- Elastic coverings
- Textile coverings
- Parquet
- ceramics, natural stone