







Product characteristics

- Acoustic-effective floor panel with qualified covering and optional with cavity sound deadening, acoustic fleece or acoustic element
- Excellent absorption performance
- Multiple options with the choice of qualified coverings
- Different variants of the acoustic panels can be combined with each other and other floor systems

System description

The dry hollow floor system FLOOR and more® acoustic is used for the acoustic optimisation of rooms. The perforated hollow floor panels type acoustic consist of fibre-reinforced calcium sulphate, a qualified covering and optional project-specific cavity sound deadening, acoustic fleece or acoustic element for the regulation of the room acoustics and the optimisation of the degree of sound absorption. 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. 40 - 70 mm
	System weight	approx. 65 - 70 kg/m ²
	Pedestal height	40 - 840 mm
	Pedestal distance	600 x 600 mm
	Earth resistance	≥ 10 ⁶ Ω
	Statics	
	EN 13213	
	Load class	2
	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)
	Sound absorption	
	Degree of sound absorption α_w	0,20 - 0,70
		depending on covering
	Sound absorption class	C - D
	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 acoustic design
- Office areas, working areas, corridors
eg. offices, hospitals, call centers, ward rooms
- Areas for the gathering of people
e.g. school rooms, restaurants, reading rooms, atria, reception areas

Suitability of coverings

- qualified acoustic-effective coverings

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