



BARiT HOLLOW FLOOR | Floor construction



VW Markenpavillon, Wolfsburg

Photo: em-werbung.com

DEFINITION AND PURPOSE

The FLOOR and more® dry hollow floor system offers impressive in-built properties and state-of-the-art technology. FLOOR and more® consists of a supporting substructure and calcium sulphate base plates glued together - a material with excellent structural properties: non-flammable, acoustically highly effective and highly durable after just one day.



RKW Architekten, Düsseldorf

Photo: BARiT

Quick Info

- high endurance
- easy installation



VW Markenpavillon, Wolfsburg

Photo: em-werbung.com



Hollow floor slab with in floor heating

Photo: Lindner

FLOOR and more® power

- Special panel composition
- Strengthened pedestals
- Stringers are not required
- Safe for driving over with heavy motorised lifting apparatus

FLOOR and more® comfort

- Quick response time for heating and cooling
- Almost all surface types are possible
- Heating capacity of 60 W / m^2 - 100 W / m^2 and cooling capacity of 23 W / m^2 - 45 W / m^2
- Environmentally friendly, due to low supply temperature



Kitchen, Stuttgart

Photo: BARiT

FLOOR and more® hydro

- Suitable for rooms with higher moisture content
- Can handle high loads

TYPE	HOLLOW FLOORING
Slab	Fiber-reinforced calcium sulfate slab with toothed grooves
Load-bearing capacity	2 kN - 6 kN
Fire protection	
Material class of the carrier slab	A2, A1 (non-combustible)
Fire resistance class	F 30, REI 30 and F 60, REI 60
System weight	38 kg/m^2 - 83 kg/m^2
Standard installation height	38mm - 2000mm
Slab thickness	24mm - 44mm
Support foot spacing	600mm x 600mm (additional support foot spacing depending on system used)
Soundproofing	
Standard flanking level difference $D_{n,f,w}$	44dB - 57dB
Sound insulation amount R_w	62dB - 64dB
Standard flanking impact sound level $L_{n,f,w}$	73dB - 47dB
Sound absorption amount ΔL_w	11 dB - 29dB
Covering Suitability	all BARiT Surfaces