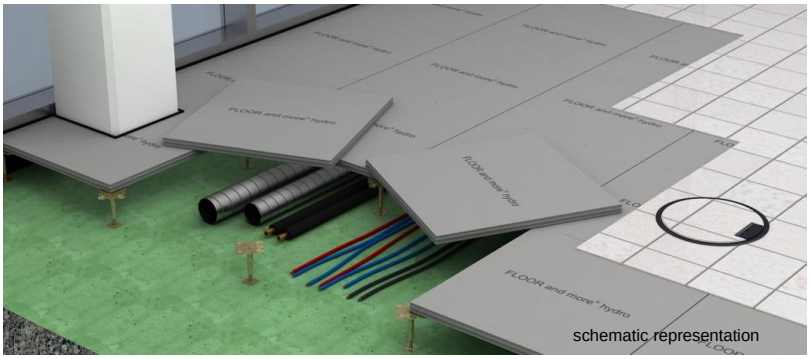
Product data sheet

Hollow floor
Type FLOOR and more® hydro Z 40 x L / B



schematic representation

Product characteristics

- Suited for rooms with increased humidity stress
- Very high loadability
- Stone application possible with STONEline
- Quick installation

System description

The dry hollow floor system FLOOR and more® hydro was specifically developed for areas with increased humidity stress. The humidity resistant hollow floor system type hydro consists from high density cementitious fibre panels which effectively prevents the absorption of water. 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 lyer. The substructure which form the necessary cavity for installations and the ducting of the ventilation air consist of height-adjustable zinc-coated steel pedestals from our own production.

Technical data		
Panel thickness	40 mm	
System weight	approx. 72 kg/m²	
Pedestal height	40 - 840 mm	
Pedestal distance	596 x 596 mm	
Load class		
EN 13213	5 (5 kN)	
Safety factor	2	
Reaction to fire performance of the carrier panel		
EN 13501-1	A1 (non-combustible)	
Fire resistance performance		
EN 13501	REI30 up to 500 mm	
Sound values		without covering
ISO 140, VDI 3762 is to be noted		
Normalised flanking level difference $D_{n,f,w}$		-
Bewertetes Schalldämm-Maß R_w		64 dB
Reduction of impact sound pressure level ΔL_w		15 dB
Normalised flanking impact sound pressure level $L_{n,f,w}$		-
Earth quake safety		
International Building Code (IBC)	available in A - F	

Areas of application

(Application guideline DIN EN 13213)

- Application in areas of use with increased humidity stress
- Office areas, working areas, corridors
  e.g. kitchens, ward rooms
- Assembly halls and areas for the gathering of people
  e.g. churches, congress halls, museums,
  canteens, lobbies, wellness areas
- Factories, workshops and warehouses

Suitability of coverings

- Ceramics, natural stone

Management Service

Further information can be found on our homepage www.Lindner-Group.com

Subject to change without notice. This document is our intellectual property. It may neither be reproduced, commercialised, distributed nor presented to other individuals for commercial purposes without our approval.

Lindner AG, Bahnhofstraße 29, 94424 Arnstorf / Germany, Phone +49(0)8723/20-36 82, Fax +49(0)8723/20-1 24 27,
floorsystems@Lindner-Group.com, www.Lindner-Group.com