



FLOOR and more[®] arena

Dry Hollow Floor for Auditorium Constructions

The dry hollow floor system FLOOR and more[®] arena complies to all project-specific requirements to tiered level constructions. The hollow floor panels consist of fibre-reinforced calcium sulphate. The elements are pre-manufactured acc. to the design geometry. 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 and in the factory prefabricated steel profiles which are installed on the construction site which can also be mounted on a sloped and stepped subfloor.

- highly load layer
- can be designed as a pressurised floor for ventilation
- all step shapes (straight, radial or freeform) possible
- customisable to individual project requirements
- fire resistance F 90 possible from above

Examples for areas of application

Public Areas: Entrance Areas, Escape Routes

Work: Common Rooms, Facilities for Meetings, Conventions and Conferences, Stage and Studio Rooms, Office buildings, Broadcasting Rooms, Television Studios, Assembly Rooms

Education: Library, Schools, Higher education institutions and universities

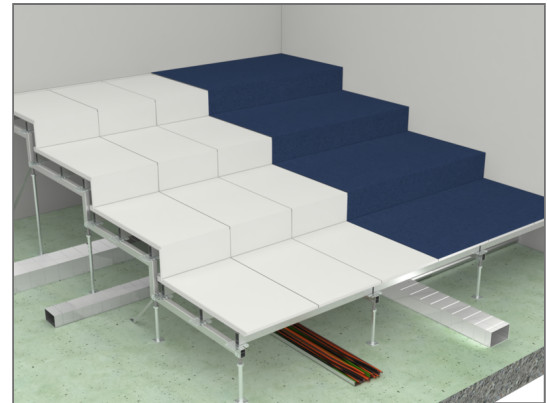
Businesses, Recreation and Culture: Shopping Centres, Sales Areas, Banks, Cinema and multiplex cinemas, Concert Halls, Theatres and Opera Houses, Museums and Exhibitions, Sports Halls and Gymnasiums, Stadiums and arenas, Places of Assembly

Healthcare: Clinics and Hospitals

Hotels and Gastronomy: Gastronomy, Hotels and Resorts

Public Institutions: Courts and prisons, Government and municipal buildings

Ship Fit-out



Technical details

Dimensions

Panel thickness	40 - 44 mm
Standard pedestal height	200 - 2000 mm
Standard step depth	800 - 1200 mm
Pedestal grid	adjusted project-specific
Weight	70 - 150 kg/m ²

Static

Statics

Distributed load	DIN 1055	5 kN/m ²
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Seismic safety

possible according to DIN EN 1998-1

Fire protection

Building material class




Building material class		of the carrier panel
Building material class	EN 13501-1	A1
Designation by building authorities	EN 13501-1	non-combustible

Sustainability

Declarations

Circular Economy	Cradle to Cradle Certified® Silver
Product Self-Declaration	A self-declaration in accordance with ISO 14021 is available. This contains extensive environmental information for planning, tenders and building certifications (LEED, DGNB, EU taxonomy).
EPD (Environmental Product Declaration)	The product has a verified EPD in compliance with the applicable standards. (ISO 14025/EN 15804)
Sustainable forestry	Our products can be supplied FSC™ -certified (chain of custody certification) and fulfil all the necessary requirements. Certificate number: TUEV-COC-000515 Licence number: FSC-C119815

Evidence

Green Level Certificate	<div style="background-color: #4CAF50; color: white; padding: 5px; display: inline-block; border-radius: 10px;"> High    </div> <p>Circularity: Some of the components can be reused/refurbished</p> <p>Life Cycle Assessment: Life Cycle Assessment according to DIN 14067 (Product Carbon Footprint) on request</p> <p>Cradle to Cradle Certified®: C2C Certified® Silver</p>
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Coverings

Coverings

Suitability of covering

parquet, textile coverings, elastic coverings