



Product characteristics

- Suited for rooms with increased humidity stress
- Superb walking comfort
- Very high loadability
- Non-combustible
- Simple lifting and exchanging of single panels

System description

The raised floor system NORTEC hydro was specifically developed for areas with increased humidity stress. The humidity resistant raised floor system type hydro consists from high density cementitious fibre panels which effectively prevents the absorption of water. The panels are applied with a steel sheet on the lower side. The substructure consists of height-adjustable zinc-coated steel pedestals from our own production which form the necessary cavity for installations and gaskets for sound decoupling.



Technical data

Panel thickness	40.5 mm
System weight	approx. 74 kg/m ²
Pedestal height	25 - 2000 mm
Pedestal distance	593 x 593 mm
Measurement deviation EN 12825	class 1



Statics

EN 12825

Load and deflection class	5A
Breaking load / concentrated load	10 kN / 5 kN
Safety factor	2



Fire protection

Reaction to fire performance of the carrier panel

EN 13501-1 A1 (non-combustible)

Fire resistance performance of the system

EN 13501 -2 acc. to classification report REI30



Earth quake safety

International Building Code (IBC) available in A - F

Areas of application

(Application guideline DIN EN 12825)

- Application in areas of use with increased humidity stress
e.g. technical rooms in tunnel areas

Suitability of coverings

- STONEline

Informations on Lindner AG



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