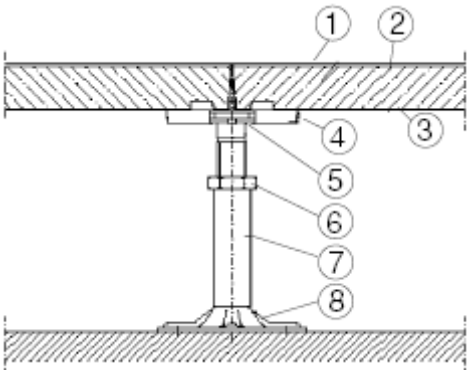
Technical Data	Type 6 – Calcium sulphate	



1. Floor covering, steel or aluminium sheet
2. Floor panel
3. Steel sheet, aluminium finishing or without finishing
4. Gasket
5. Pedestal head
6. Hexagonal nut
7. Tube
8. Pedestal base plate glued to the subfloor (dowelled on request)

Panel:

Dimension:	600 x 600 mm (special module on request)
Panel thickness: (without floor covering)	~ 23 - 39 mm
System weight: (without floor covering, floor height 250 mm)	~ 43 - 70 kg/m²
Panel weight:	~ 14,5 - 23 kg/piece
Panel material:	fibre-reinforced calcium sulphate

Understructure:

Module:	600 x 600 mm
Pedestal material:	galvanized steel pedestals
Construction height: (without floor covering)	~ 55 – 1800 mm
Recommendation for use:	we recommend to use stringers from a finished floor height of 500 mm on, e.g. u-type stringers

Load values:

Point load:	2.000 – 6.000 N (increased load steps on request)
Load class according to EN 12825:	class 1 - 6
Ultimate load:	≥ 4.000 – 12.000 N
Safety factor:	≥ 2,0

Electrostatic: > 10^5 Ohm (Depending on systems and floor covering)

Fire protection:

Building material class acc. to DIN 13501 T1:	A1
Fire resistance class acc. to DIN 4102 T2:	F30 or F60 (depending on system)

Thermal conductivity: (base material) ~ 0,44 W/mK

Acoustic values depending on system and floor covering:

		New terms acc. to DIN EN
• sound reduction index $R_{L,w,P}$	51 – 54 dB	Standard flank level difference $D_{n,f,w,P}$
• normalized impact sound pressure level $L_{n,w,P}$	66 – 38 dB	Standard flank impact sound level $L_{n,f,w,P}$
• improvement of sound pressure level reduction $\Delta L_{w,P}$	14 – 36 dB	Impact sound reduction $\Delta L_{w,P}$