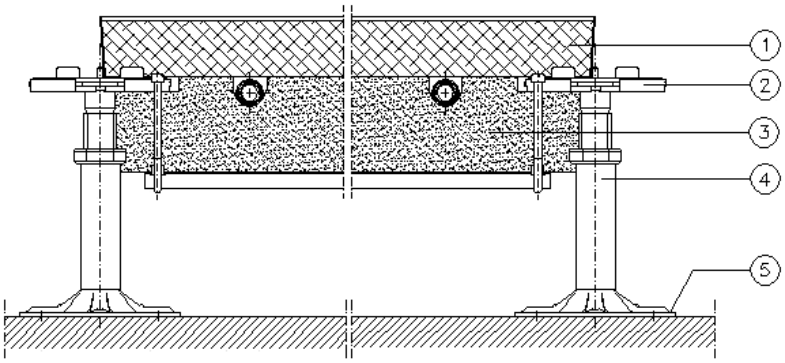
Technical Data	Type 6 – Thermo	



1 Access Floor panel (optionally with floor covering, without floor covering or impregnation by AVO)

2 Gasket

3 Heat insulating plate with baffle sheet

4 Tube (construction type acc. to floor height)

5 Pedestal base plate glued to the subfloor (dowelled on request)

Panel:

Dimension:	600 x 600 mm
Panel thickness (without floor covering):	~ 36 – 39 mm
Panel underside:	aluminium finishing if required or steel sheet
System weight: (without floor covering, floor height 250 mm)	~ 64 – 72 kg/m²
Panel weight:	~ 20 – 23 kg/piece
Panel material:	fibre-reinforced mineral material

Understructure:

Module:	600 x 600 mm
Pedestal material:	galvanized steel pedestals
Construction height: (without floor covering)	ab 150 mm

Load values:

Concentrated load:	
Acc. to DIN EN 12825	class 2 – 5
Nominal load	3.000 – 5.000 N (increased load steps on request)
Ultimate load	> 6.000 – 10.000 N

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

Fire protection:

Building material class acc. to	
DIN 13501 T1:	A1
DIN 4102 T1:	A2
Fire resistance class acc. to DIN 4102 T2:	F30 or F60 (basic construction tested – ffh 800 mm)

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 $R_{L,w,P}$	55 – 58 dB	Standard flank level difference $D_{n,f,w,P}$
• normalized impact sound pressure level $L_{n,w,P}$	63 – 41 dB	Standard flank impact sound level $L_{n,f,w,P}$
• improvement of sound pressure level reduction $\Delta L_{w,P}$	18 – 35 dB	Impact sound reduction $\Delta L_{w,P}$

Heating system:

Heat insulating plate	Polystyrol
Baffle sheet	Galvanized steel
Laying distance	Approx. all 75 mm
Diameter of heating tube	17 mm
Material of heating tube	Oxyden-tight Velta tube 17 mm PE-Xa acc. to Engel process
Heat capacity	Up to 90 W/m²
Cooling capacity	Up to 35 W/m²
Real useable area	80 – 90 % of the total area
Floor coverings	natural stone, artificial stone, ceramic, velours

* Values of basic system tested without nobbfoil system.