

- 1 Floor panel with tongue and groove
- 2 Heavy-duty pedestal
- 3 Joint glue
- 4 Pedestal glue



System description

- **Panel**
highly compressed calcium sulphate panel, edge connection via tongue and groove, glued
- **Heavy-duty pedestal**
precisely height adjustable, galvanized steel, precision threaded rod, various types according to height requirements
- **Gluing**
placing of pedestal base in adhesive, panel glued to pedestal head
- **Wall connection**
pre-compressed foam tape, as sound barrier and to absorb horizontal movements
- **Subfloor**
a 2-component epoxy coating is recommended when using the floor void as air plenum
- **Edge area⁸**
pedestal grid 300 mm, alternatively with heavy stringers

Technical data

Load class ¹	6 (6 kN)
Reaction to fire performance ²	A2
Fire resistance performance ³	F 30
Panel thickness	40 mm
System weight ⁴	62 kg/m ²
Finished floor heights (FFH) ⁵	200 – 450 mm
Pedestal spacing	600 x 600 mm

Acoustic values ⁶ acc. to EN ISO 140	Without covering	With covering (VM=25 dB)
normalized flanking level difference $D_{n,f,w}$	-	46 dB
sound reduction index R_w	62 dB	-
reduction of impact sound pressure level ΔL_w	-	23 dB (29 dB) ⁷
normalized flanking impact sound pressure level $L_{n,f,w}$	-	55 dB

Applications

- Industry and working rooms
- Training and research rooms
- Office and construction areas
- Office refurbishment

Possible floor coverings⁸

- Linoleum, Rubber, PVC
- Tufting, Velour, Needlefelt
- Parquet
- Ceramic, natural and artificial stone

- ¹ according to EN 13213, safety factor 2, nominal load in brackets
- ² according to DIN 4102, A1 (fully non combustible) according to EN 13501
- ³ according to DIN 4102 up to 800 mm
- ⁴ floor height 150 mm FFH, without covering
- ⁵ special heights on request
- ⁶ VDI 3762 is to be considered
- ⁷ with improved impact sound reduction
- ⁸ allowed deflection according to EN 13213 has to be considered, Ceramic, natural and artificial stone not in combination with sound dampening pads possible