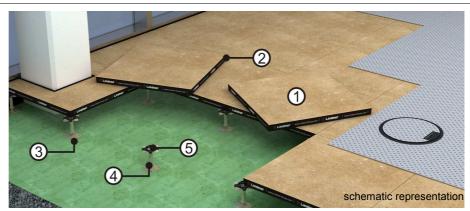
Data sheet Raised floor type LIGNA K 38 ST x M



- 1 Raised floor panel
- 2 Plastic edge trim
- 3 Pedestal glue
- 4 Pedestal
- 5 Gasket

System description

Panel

special high density chipboard classified E1, steel sheet at bottom side, surrounding edge trim protection against damage and humidity, edges inclined

Pedestal

precisely height adjustable, from galvanized and yellow chromatized steel, precision threaded bolt, various types according to height requirements

Gasket

from plastic material, vaulted surface for perfect panel fixing

Height fixing

Locking glue or mechanical fixing

Pedestal glue

Placing of pedestal base into glue pad

· Wall connection

pre-stressed foam rubber, for acoustic insulation and absorption of horizontal movements

Subfloor

a 2 - component epoxy coating is recommended with ventilation

Technical Data

Point load 4000 N

Reaction to fire performance ² limited combustible Fire resistance performance 3 $\geq 1 \times 10^6 \Omega$ Electrostatic conductivity 4 Weight of system 5 30 kg/sqm Pedestal heights 6 28 - 2000 mm Thickness of panel 38,5 mm Pedestal grid 600 x 600 mm

| Acoustic values ⁷ | without covering | with covering |
|--|---------------------|---------------------|
| Normalised flanking level difference D $_{\rm n,f,w}$ | 46 dB | 48 dB (VM=29 dB) |
| Weighted sound reduction index R _w | 62 dB | - |
| Reduction of impact sound pressure level ΔL_w | 20 dB | 28 dB (VM=29 dB) |
| Normalised flanking impact sound pressure level L _{n,f,w} | 65 dB | 55 dB (VM=29 dB) |

Applications

- · Computer rooms and control rooms
- · Industry and working rooms
- · Training and research rooms
- · Office and construction areas

Possible floor coverings

- · elastic coverings
- · textile coverings
- · WOODline, wood coverings
- · loose-laid / free-laid covering tiles

- tested to International standard, LP 1 centre of panel, average value
- 2 tested to DIN 4102 / EN 13501, difficult to ignite on request
- tested to DIN 4102, REI30 acc. to EN 13501, up to 1010 mm floor heights, bigger heights with special measures
- Values depending on floor covering
- floor height 150 mm (FFH), without covering
- installation height, special heights on request
- laboratory tested, VDI 3762 is to be considered

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