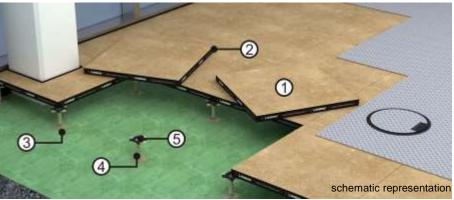


# Data sheet Raised floor type LIGNA S 38 AL x M



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

# System description

### Panel

special high density chipboard panel classified E1, protection against humidity 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

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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<sup>1</sup>

1800 N

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

Acoustic values according <sup>7</sup>	without covering	with covering
Normalized flanking level difference D <sub>n,f,w</sub>	45 dB	48 dB (VM=29 dB)
Weighted sound reduction index ${\sf R}_w$	62 dB	-
Reduction of impact sound pressure level $\Delta L_w$	16 dB	29 dB (VM=29 dB)
Normalized flanking impact sound pressure level L $_{n,f,w}$	69 dB	56 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

- 1 tested to RAL GZ 941, LP 2 centre of panel edge, average value
- 2 tested to DIN 4102 / EN 13501, difficult to ignite on request
- <sup>3</sup> tested to DIN 4102, REI30 acc. to EN 13501, up to 1010 mm floor heights, bigger heights with special measures
- <sup>4</sup> Values depending on floor covering
- <sup>5</sup> floor height 150 mm (FFH), without covering
- <sup>6</sup> installation height, special heights on request
- <sup>7</sup> laboratory tested, VDI 3762 is to be considered

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