







## Product characteristics

- Low system weight
- Quick installation
- Very good price - performance ratio
- Can be combined with other floor systems
- Manufactured in Germany acc. to the highest quality and environment standards

## System description

The raised access floor system LIGNA glances with its high flexibility, the building-physical characteristics and convinces by economic aspects. The high density chipboard panels of emission class E1 are applied with a humidity protection on the lower side and protected with an edge trim on all edges against shock and humidity. The substructure consists of height-adjustable zinc-coated steel pedestals from our own production which form the necessary cavity for installations and gaskets for sound decoupling.

	<b>Technical data</b>		
	Panel thickness	38 mm	
	System weight	approx. 26 kg/m <sup>2</sup>	
	Pedestal height	25 - 1830 mm	
	Pedestal distance	600 x 600 mm	
	Earth resistance	≥ 1 x 10 <sup>6</sup> Ω	
	Measurement deviation Int. standard	class 1	
	<b>Point load</b>		
	Int. standard, center of panel	2,200 N	
	Safety factor	2	
	<b>Reaction to fire performance of the carrier panel</b>		
	DIN 4102-1	normal combustible	
	EN 13501-1	difficult to ignite	
	<b>Fire resistance performance depending on pedestal type</b>		
DIN 4102-2	F30 up to 1300 mm		
EN 13501-2	REI30 possible		
	<b>Sound values</b>	without covering	with covering (ΔL <sub>w</sub> =29 dB)
	ISO 140, VDI 3762 is to be noted		
	Normalised flanking level difference D <sub>n,f,w</sub>	45 dB	48 dB
	Weighted sound reduction index R <sub>w</sub>	62 dB	-
	Reduction of impact sound pressure level ΔL <sub>w</sub>	16 dB	29 dB
	Normalised flanking impact sound pressure level L <sub>n,f,w</sub>	69 dB	56 dB
	<b>Earthquake safety</b>		
	International Building Code (IBC)	available in A - F	
	<b>Green Building</b>		
	The floor system can contribute positively to national and international building certifications		

## Areas of application

- Living rooms e.g. rooms and corridors in residential buildings, hotel rooms
- Office areas, working areas, corridors e.g. offices, hospitals, surgeries, ward rooms
- Technical rooms e.g. electrical distribution and switchgear cabinet rooms

## Suitability of coverings

- Elastic coverings
- Textile coverings
- Loose-laid tiles
- WOODline

## Informations on Lindner AG



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