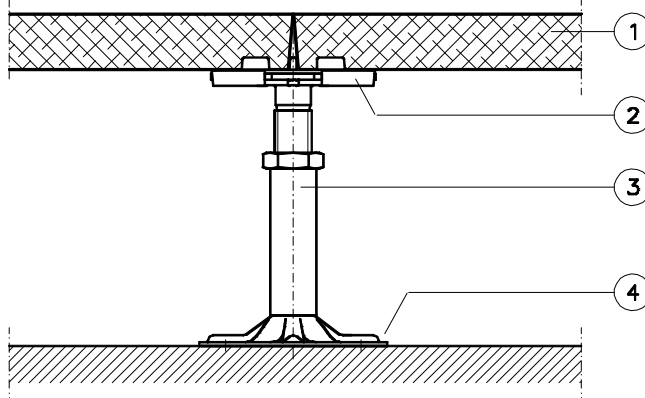


**Product data sheet**

**System Type 6 NB30**

**System sketch:**



- 1 Floor panel
- 2 Gasket
- 3 Pedestal (type depending on floor height)
- 4 Base plate glued to the underfloor – dowelling possible on request

**Panel:**

Dimensions: 600 x 600 mm (special dimensions possible)  
 Panel thickness: ~ 30,5 mm  
 Surface: --  
 Underside: Galvanized steel sheet  
 System weight: ~ 53 kg/m<sup>2</sup> (without floor covering, floor height 250 mm)  
 Panel weight: ~ 17,2 kg/pc  
 Panel material : Fibre-reinforced calcium sulphate

**Understructure:**

Module: 600 x 600 mm  
 Pedestal material: Steel, galvanized  
 Construction height: ~ 55-1800 mm FFH  
 Stringer: --  
 Recommendation: Use stringers generally for floor heights > 500 mm, e.g. u-type stringer

**Load values:** <sup>1)</sup>

Point load / deflection class: 3.000 N / A  
 Load class according to EN 12825: Class 2  
 Ultimate load: ≥ 6.000 N  
 Safety factor: ≥ 2,0  
 Certificate of conformity: --

**Electrostatic: (DIN EN 1081 / DIN IEC 61340-4-1)**

Depending on floor covering: R<sub>2</sub> respectively R<sub>G</sub> > 10<sup>5</sup> Ohm  
 Without floor covering: R<sub>2</sub> respectively R<sub>G</sub> > 10<sup>9</sup> Ohm (conductive type possible on request)

**Fire protection:**

Building material class (DIN EN 13501-1): A1  
 Fire resistance class (DIN 4102-2): --  
 Fire resistance class (DIN EN 13501-2): REI30-r possible (tested – FFH 1000 mm)

**Coefficient of thermal conductivity: (basic material)**

~ 0,44 W/mk

**Sound absorption: (DIN EN ISO 717-1 resp. -2) <sup>2)</sup>**

	Sound absorbing fascia	horizontal		vertical	
		Normalized flanking sound level difference D <sub>n,f,w,P</sub> in [dB]	Normalized flanking impact sound pressure level L <sub>n,f,w,P</sub> in [dB]	Reduction of impact sound pressure level ΔL <sub>w,P</sub> in [dB]	Sound reduction index R <sub>w,P</sub>
				Without pads	With pads <sup>3)</sup>
Textile covering Surface	without	50 <sup>4)</sup>	48 <sup>4)</sup>	27 <sup>4)</sup>	--
	with	--	--		
Hard covering Surface	without	49 <sup>4)</sup>	71 <sup>4)</sup>	15 <sup>4)</sup>	66 <sup>4)</sup>
	with	--	--		

1) The loads are depending on the test conditions, especially on the test method and the size of indenter. MERO recommends the values acc. to the rules of use EN 12825.  
 2) Coverings have to be considered. The acoustic values were tested in laboratory conditions. Conditions at site have to be considered differently- see norm VDI 3762. Values derive from type 6 N28.  
 3) Load values can be reduced through the use of sound absorbing pads  
 4) According to DIN EN ISO 717-1 resp. -2