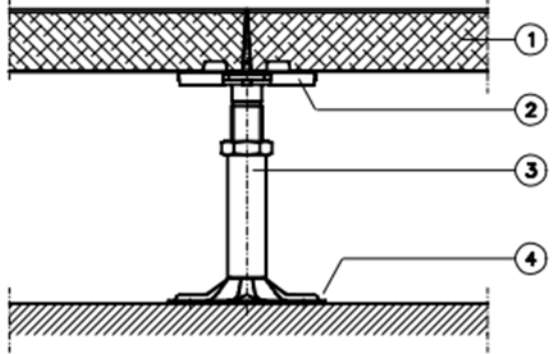


| Product data sheet | System Type 6 NB38 - 6000 | | | | |
|---|--|---|---|--|--|
| System sketch: | | | | | |
|  | | <p>1 Floor panel (optionally with or without floor covering or with primer for application on jobsite)</p> <p>2 Gasket</p> <p>3 Pedestal (type depending on floor height)</p> <p>4 Base plate glued to the underfloor – dowelling possible on request</p> | | | |
| Panel: | | | | | |
| Dimensions: | 600 x 600 mm (special dimensions possible) | | | | |
| Panel thickness: | ~ 38,6 mm | | | | |
| Surface: | -- | | | | |
| Underside: | Galvanized steel sheet | | | | |
| System weight: | ~ 66 kg/m ² (without floor covering, floor height 250 mm) | | | | |
| Panel weight: | ~ 22,9 kg/pc | | | | |
| Panel material: | Fibre-reinforced calcium sulphate | | | | |
| Understructure: | | | | | |
| Module: | 600 x 600 mm | | | | |
| Pedestal material: | Steel, galvanized | | | | |
| Construction height: | ~ 75-1800 mm FFH | | | | |
| Stringer: | -- | | | | |
| Recommendation: | Use stringers generally for floor heights > 500 mm, e.g. u-type stringer | | | | |
| Load values: ¹⁾ | | | | | |
| Point load / deflection class: | 5.000 N / A | | | | |
| Load class according to EN 12825: | Class 5 | | | | |
| Ultimate load: | ≥ 10.000 N | | | | |
| Safety factor: | ≥ 2,0 | | | | |
| Certificate of conformity: | Load step 5.000 N (EN 12825) | | | | |
| Electrostatic: (DIN EN 1081 / DIN IEC 61340-4-1) | | | | | |
| Depending on floor covering: | R ₂ restrictively R _C > 10 ⁵ Ohm | | | | |
| Without floor covering: | R ₂ restrictively R _C > 10 ⁹ Ohm (conductive type possible on request) | | | | |
| Fire protection: | | | | | |
| Building material class (DIN EN 13501-1): | A1 | | | | |
| Fire resistance class (DIN 4102-2): | F30 possible up to FFH 1230 mm | | | | |
| Fire resistance class (DIN EN 13501-2): | REI30 possible (tested – FFH 1200 mm) | | | | |
| Coefficient of thermal conductivity: (basic material) | | | | | |
| ~ 0,44 W/mk | | | | | |
| Sound absorption: (DIN EN ISO 717-1 resp. -2) ²⁾ | | | | | |
| | | Horizontal | | Vertical | |
| | Sound absorbing fascia | Normalized flanking sound level difference D _{nf,w,p} in [dB] | Normalized flanking impact sound pressure level L _{nf,w,p} in [dB] | Reduction of impact sound pressure level ΔL _{w,p} in [dB] | Sound reduction index R _{w,p} |
| | | | | Without pads | With pads ⁵⁾ |
| Textile covering | without | 53 ⁴⁾ | 48 ⁴⁾ | 27 ⁴⁾ | 34 ⁴⁾ |
| Surface ³⁾ | with | 54 ⁴⁾ | 38 ⁴⁾ | | - |
| Hard covering | without | 51 ⁴⁾ | 66 ⁴⁾ | 14 ⁴⁾ | 25 ^{4) 6)} |
| Surface | with | 54 ⁴⁾ | 55 ⁴⁾ | | 65 ⁴⁾ |
| <p>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.</p> <p>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 N36.</p> <p>3) With textile covering (ΔL_w = 29 dB)</p> <p>4) According to DIN EN ISO 717-1 resp. -2</p> <p>5) Load values can be reduced through the use of sound absorbing pads</p> <p>6) With elastic covering (ΔL_w = 5 dB)</p> | | | | | |