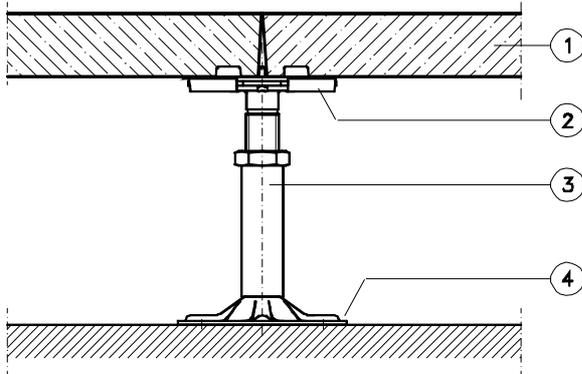


Product data sheet

System Type 5 GAA38

System sketch:



- 1 Floor panel (with aluminium coating)
- 2 Gasket
- 3 Pedestal (construction type depends on floor height)
- 4 Base plate glued to the subfloor, can be dowelled on request

Panel:

Dimensions: 600 x 600 mm (special dimensions possible)
 Panel thickness: 38,0 mm
 Surface: Aluminium coating
 Underside: Aluminium coating
 System weight: Approx. 28 kg/m² (without covering, floor height 250 mm)
 Panel material: Chipboard V 20-E1

Substructure:

Pedestal module: 600 mm
 Pedestal material: Galvanized steel
 Construction height: 70-1800 mm
 Stringer: --
 Recommendation: Use stringer generally at floor height > 500 mm e.g. U-type stringer

Load values:

Concentrated load: 2.000 N
 Tested acc. to DIN EN 12825
 Class 1
 Nominal load and deviation class: 2.000 N-B
 Ultimate load: > 4.000 N
 Certificate of conformity: Load step 2 / 2.000 N (only acc. to DIN EN 12825)
 Tested with stamp ø 80 mm: 2.500 N
 Distributed load: 15.000 N/m²

Electrostatic : (DIN EN 1081 / DIN 54345)

Depending on floor covering: R₂ bzw. R_{EF} > 10⁵ Ohm
 Without floor covering: R₁ ≥ 10⁸ - 10¹⁰ Ohm

Fire protection:

Building material class DIN EN 13501-1: C-s1,d0 flame-resistant
 Building material class (B/Q nach ÖN B 3810/B 3800): B1/Q1
 Fire resistance class (DIN 4102 T2): --

Sound absorption: (DIN 52210; DIN EN ISO 140)**

| | Sound absorbing fascia | horizontal | | vertical | | |
|--------------------------|------------------------|--|---|--|----------|---|
| | | Sound reduction value R _{L,w,P} in [dB] | Footfall sound L _{n,w,P} in [dB] | Impact sound reduction ΔL _{w,P} in [dB] | | Valued sound reduction R _{w,P} in [dB] |
| | | | | Without pads | mit Pads | |
| Textile covering Surface | without | 48 | 55 | 23 | -- | -- |
| | with | 54 | 45 | | | |
| Hard covering Surface | without | 51 | 68 | 15 | 18 | -- |
| | with | 52 | 51 | | | |

* The loads are depending on the test conditions, especially on the test method and the size of stamp. MERO distinguishes between an elementary test acc. to the rules of use of DIN EN 12825 and a historically grown component test method with a stamp of Ø80 mm. MERO recommends the values acc. to the rules of use DIN EN 12825..

** Notice floor coverings

*** The offered panel type is produced out of chipboard panels. Chipboard is a natural material which physical characteristics can vary.