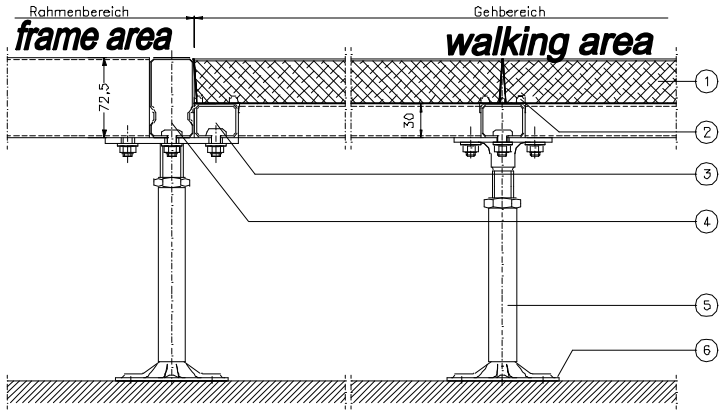
Product data sheet	System Type 2-600/ 6 NB36 - 6200	

System sketch:



1 Floor panel

2 Gasket

3 C-Profile 30 x 40 (walking area)

4 C-Profile 72,5 x 40 (frame area)

5 Pedestal (type depending on floor height))

6 Base plate glued to the under-floor – dowelling possible on request)

Panel:

Dimensions:	600 x 600 mm
Panel thickness:	~ 36,6 mm
Surface:	--
Underside:	Galvanized steel sheet
System weight:	~ 73 kg/m² (without covering, floor height 1000 mm)
Panel weight:	~ 21,8 kg/pc
Panel material :	Fibre-reinforced calcium sulphate

Understructure:

Module:	600 x 600 mm
Pedestal material:	Galvanized steel
Construction height:	175-2500 mm
Supporting profiles:	Galvanized steel
Walking area	C-Profile 30 x 40
Frame area	C-Profile 72,5 x 40

Load values*:

Concentrated load:	6.000 N
Tested acc. to DIN EN 12825	Class 6
Nominal load and deviation class:	6.000 N-B
Ultimate load:	> 12.000 N
Certificate of conformity:	--
Tested with stamp ø 80 mm	9.000 N

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

Depending on floor covering:	R_2 bzw. $R_G > 10^6$ Ohm
Without floor covering:	--

Fire protection:

Building material class supporting panel:	
Acc. to DIN EN 13501 T1:	A1
Acc. to DIN 4102 T1:	A2
Fire behaviour (B/Q acc. to ÖN B 3810/B 3800):	B1/Q1
Fire resistance class (DIN 4102 T2):	F30 (tested – FFH 1500 mm)

Coefficient of thermal conductivity (basic material) ~ 0,44 W/mk

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

		Horizontal		Vertical		
	Sound absorbing fascia	Sound reduction value $R_{L,w,P}$ in [dB]	Footfall sound $L_{n,,w,P}$ in [dB]	Impact sound reduction $\Delta L_{w,P}$ in [dB] Without pads	With pads	Valued sound reduction $R_{w,P}$
Textile covering Surface	without	--	--	--	--	--
	with	--	--			
Hard covering Surface	without	--	--	--	--	--
	with	--	--			

* 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 ∅80 mm. MERO recommends the values acc. to the rules of use DIN EN 12825..