

## Product Sheet

## FU 6/36 PANEL

A strong panel with good acoustic properties!

*PBS accepts no liability whatsoever for any direct or indirect damages, of any nature whatsoever arising from the information on this product sheet.*



## Description

A panel with calcium sulphate is extremely suitable for areas where a high degree of (walking) comfort is required. The high density of calcium sulphate (approx. 1,400 kg/ m<sup>3</sup>) gives this panel excellent sound absorbing characteristics. Its resistance to moisture also makes this panel extremely suitable for areas where humidity is high.

## Finishing

Almost any type material can be applied as a top layer on calcium sulphate. Factory applied top layers can be used, but also carpet tiles that are applied after assembly can be used.

## Panels

## Calcium Sulphate Core

## Thickness

36 mm, excluding top layer

## Material

Calcium Sulphate

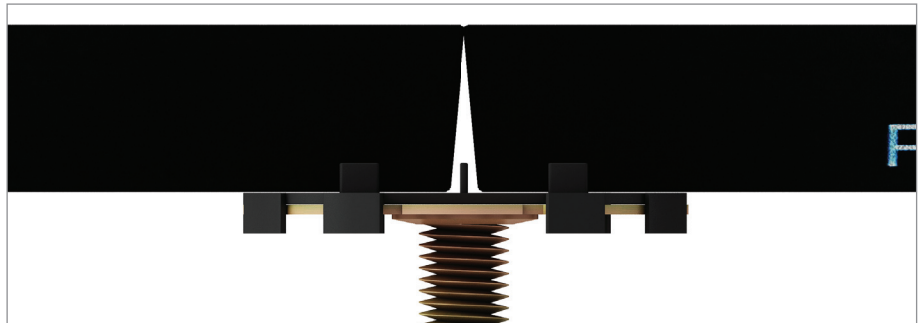


*This type of panel is approx. 36 mm thick not including the top layer to be applied afterwards.*





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### Dimensions

L x W x H

600 mm x 600 mm x 36 mm (excluding top layer)

Core

Calcium Sulphate, fibre reinforced (aprox. 1,400 kg / m<sup>3</sup>)

Finishing Top-side

See Top Layer Matrix

Finishing Bottom

Aluminium foil, steel plate or nothing

Panel Weight

Approx. 20.1 kg/ piece

System Weight

Approx. 54.5 kg/ m<sup>2</sup> (without top layer, based on pedestal type 1, AH = 250)

### Load Capacity (NEN 12825)

Point Load

3 kN

Deflection Class

A (maximum 2.5 mm)

Safety Factor 2

Breaking Point

≥ 6 kN

### Electrical Conductivity

Dependent on the top layer chosen:

$R \geq 10^6 \Omega$

### Resistance to Heat

0.44 W/mk

### Fire Resistance (DIN 4102 T2)

F60

### Top Layer Matrix

Carpet tiles, applied afterwards	
Carpet, factory applied	
Wall to wall floor coverings	
PVC tiles, applied afterwards	
Linoleum, PVC or rubber, factory applied	
Bamboo, factory applied	
Parquet, factory applied	
Composite Tiles or Natural Stone, factory applied	
Specials	



### Sound Absorption

	Sound Partition	HORIZONTAL		VERTICAL		
		Flanking Sound R L,w,P or D n,f,w,P in [dB]	Contact Noise L n,w,P or L n,f,w,P in [dB]	Contact Noise Insulation $\Delta L$ w,P in [dB]		Air Insulation R w,P
				with Pads	without Pads	
<b>Soft Top Layer</b>	Without	55	44	32	35	66
	With	55	41			
<b>Hard Top Layer</b>	Without	57	63	18	22	66
	With	58	52			