

# Heradesign<sup>®</sup> plano

Magnesite-bound wood wool decorative panels of fine pored, looking closed top surface.

## Product Type

**WW - EN 13168 - L3-W2-T2-S3-P2-CS(10)200-CI3**

## Advantages

- regulation of climate in the room
- diffusion open structure
- all colours possible
- recognised for organic building design

## Application

- Offices, department stores, dwelling houses, public offices, school, kindergartens, events halls.

## Formats

- 600 x 600, 1200 x 600 (max. lengths: 2400 mm)

## Colour

- we recommend **natural colour tone 13** ( beige)

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### **Note:**

- Deviations in colour tone against colour chart and colour feeling are possible due to the rough fibre rep. panel surface.
- Production tolerance, to nominal dimension: L3, W2, T2:  $\pm 1$  mm, for lengths > 1250 mm L3:  $\pm 2$  mm
- Foil (thickness < 15  $\mu$ m) recommended as drip protection for mineral wool layers.
- Maximum change of dimension at standard operating environment 23° C/50 % rel. air humidity  $\pm 1$  ‰
- Deliverable with SK-04 for visible T-sections and VK-09 for concealed T-sections.

### **Limit of use:**

- Max. span 600 mm
  - Suitable for use in environments having a continuous rel. air humidity of up to 90 %. For conditions above 80 % rel. air humidity constructional-physics advise is necessary.
  - Do not glue panels against ceiling and walls!
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## Delivery programme

Thickness	[mm]	25
Weight	[kg/m <sup>2</sup> ]	<b>14,5</b>
<i>m<sup>2</sup>/packaging unit-standard formats:</i>		
600 x 600. 1200 x 600 mm	[m <sup>2</sup> ]	50,40

Delivery form: palletted, with protective carton. Supplied only in complete packaging units! Special length, and other edge finishings, on request.

### Technical specifications

Characteristic	Symbol	Description/Data	Unit	Standard
Fire behaviour	---	B-s1, d0	[---]	EN 13501-1
Thickness	d	25	[mm]	EN 13168
Thermal conductivity	$\lambda_D$	0,095	[W/mK]	EN 12667
Thermal resistance	$R_D$	0,25	[m <sup>2</sup> K/W]	EN 13168
Flexural strength *)	$\sigma_b$	> 2000	[kPa]	EN 12089
Diffusion resistance factor	$\mu$	5	[---]	EN 12086

\*) according EN 12089, procedure A

### Sound absorption coefficients $\alpha_p$

Frequency (Hz)	125	250	500	1000	2000	4000	$\alpha_w$	Absorber classes
<b>Heradesign® plano, 25 mm</b>								
Without gap	0,15	0,30	0,40	0,30	0,25	0,25	0,30	D
3 cm gap	0,30	0,40	0,35	0,30	0,25	0,25	0,30(L)	D
27,5 cm gap	0,35	0,35	0,30	0,30	0,25	0,25	0,30(L)	D
3 cm gap /3 cm Heralan DP-3	0,40	0,40	0,35	0,25	0,25	0,25	0,30(L)	D
30,5 cm gap /4 cm Heralan DP-3	0,40	0,35	0,30	0,30	0,25	0,25	0,30(L)	D

Figures for other designs on request.

The installation of Heradesign panels is part of the interior works and have to be carried out under controlled humidity and temperature conditions. Any buildings activities which gives rise to dust and humidity have to be completed before starting installation of panels.

Store panels flat and protect against humidity and dirt. Stack a maximum of two pallets, height maximum 250 cm. The packaging provided does not provide protection from rain.

Please pay attention to the application, installation and storage guidelines of Heradesign panels.

For further information, please contact:

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