

# Heradesign<sup>®</sup> micro

Magnesite-bound wood wool decorative panels of fine pored 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, schools, kindergartens, public offices, event halls, sports and multi purpose halls,

## Formats

- 600 x 600, 1200 x 600, 625 x 625, 1250 x 625 mm (max. lengths: 2500 mm, max. width: 625 mm)

## Colours

- standard **white** (similar to RAL 9010) , **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. pnel surface.
- Production tolerance, to nominal dimension: L3, W2, T2:  $\pm 1$  mm, for lengths > 1250 mm L3:  $\pm 2$  mm
- Foil (thickness < 15  $\mu\text{m}$ ) recommended as drip protection for mineral wool layers.
- Maximum change of dimensions at standard operating environment 23  $^{\circ}\text{C}$ /50% rel.air. humidity :  $\pm 1\text{‰}$
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### **Limit of use:**

- Max. span 625 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 elements against ceiling and walls!
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## Delivery programme

<i>Thickness</i>	<i>[mm]</i>	25	35
<i>Weight</i>	<i>[kg/m<sup>2</sup>]</i>	<b>14,5</b>	<b>18,5</b>
<i>m<sup>2</sup>/packaging unit-standard formats.:</i>			
<i>600 x 600. 1200 x 600 mm</i>	<i>[m<sup>2</sup>]</i>	50,40	36,00
<i>625 x 625. 1250 x 625 mm</i>	<i>[m<sup>2</sup>]</i>	27,34	19,53

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

### Technical specifications

Characteristic	Symbol	Description/Data		Unit	Standard
Fire behaviour	---	B-s1, d0		[---]	EN 13501-1
Thickness	d	25	35	[mm]	EN 13168
Thermal conductivity	$\lambda_D$	0,095	0,095	[W/mK]	EN 12667
Thermal resistance	$R_D$	0,25	0,35	[m <sup>2</sup> K/W]	EN 13168
Flexural strength *)	$\odot_b$	> 2000		[kPa]	EN 12089
Diffusion resistance factor	$\mu$	5	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® micro, 25 mm</b>								
3 cm gap	0,25	0,45	0,55	0,45	0,40	0,45	0,45	D
30 cm gap	0,70	0,60	0,45	0,45	0,50	0,50	0,50(L)	D
3 cm gap /3 cm Heralan DP-5:	0,35	0,75	0,65	0,45	0,40	0,35	0,35(L)	D
27,5 cm gap / 4 cm Heraflax-SAP:	0,65	0,60	0,45	0,40	0,40	0,40	0,45(L)	D
<b>Heradesign® micro, 35 mm</b>								
Without gap	0,20	0,40	0,55	0,40	0,30	0,40	0,40	D
3 cm gap /3 cm Heralan DP-5:	0,50	0,55	0,45	0,35	0,35	0,35	0,40(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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The present product data sheet corresponds with the current state of development of our products and will cease to be valid on publication of a new edition. Please check that you are using the latest edition of this information. The suitability of the product is not binding for special individual cases. Warranty and liability shall be in accordance with our Standard Terms of Business.