

Heradesign[®] fine

Magnesite - bound wood wool decorative panels of fine wood fibre structure.
Fibre width approx. 2 mm

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, events halls, gymnasiums, 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

- We recommend **white** (similar RAL 9010) or **natural colour tone 13** (beige)

Note:

- Deviations in colour tone against colour chart and colour feeling are possible due to the rough fibre resp. panel surface.
- Production tolerance, to nominal dimension: L3, W2, T2= ± 1 mm, for lengths > 1250 mm L3 = ± 2 mm.
- Foil (thickness < 15 μ m) recommended as drip protection for mineral wool layers
- Maximum change of dimensions at standard operating environment 23 °C/50 % rel. air humidity : ± 1 ‰.

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 panels against ceiling and walls!

Delivery programme

Thickness	[mm]	15	25	35
Weight	[kg/m ²]	8,0	12,0	16,0
<i>m²/ packaging unit-standard formats:</i>				
600 x 600. 1200 x 600 mm	[m ²]	80,64	50,40	36,00
625 x 625. 1250 x 625 mm	[m ²]	43,75	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 behavior	---	B-s1, d0			[---]	EN 13501-1
Thickness	d	15	25	35	[mm]	EN 13168
Thermal conductivity	λ_D	0,080	0,080	0,080	[W/mK]	EN 12667
Thermal resistance	R_D	0,20	0,30	0,45	[m ² K/W]	EN 13168
Flexural strength *)	σ_b	>2000	>1800	>1600	[kPa]	EN 12089
Diffusion resistance factor	μ	5	5	5	[---]	EN 12086

*) According EN 12089, procedure A

Sound absorption coefficients α_p

Frequency (Hz)	125	250	500	1000	2000	4000	α_w	Absorber classes
Heradesign® fine, 25 mm								
Without gap	0,10	0,15	0,25	0,65	0,75	0,70	0,35(MH)	D
3 cm gap	0,10	0,20	0,60	0,75	0,60	0,80	0,50(MH)	D
30 cm gap	0,55	0,55	0,35	0,45	0,60	0,80	0,45(LH)	D
3 cm gap/ 3 cm Heralan DP-5	0,20	0,60	1,00	0,75	0,70	0,85	0,75(M)	B
27,5 cm gap / 4 cm Heralan DP-5	0,85	0,80	0,80	0,75	0,80	0,90	0,80	B
4 cm gap / 4 cm Heraflax-SAP	0,25	0,75	0,95	0,70	0,65	0,85	0,70(LMH)	C
gap: 27,5 cm / 4 cm Heraflax-SAP	0,75	0,85	0,65	0,70	0,70	0,85	0,70(LH)	C

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 building 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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