Heradesign®
Acoustic Ceilings

room atmosphere
nature acoustics
wall mounting architecture design
ceiling systems wood wool

Wood, magnesite and water are the principal components of the Heradesign® acoustic panels – so they are completely harmless in terms of building biology. Heradesign's® magnesite bonded wood wool panel is a natural product in line with the current trend for sustainable materials. Besides studying the phenomenon of noise and acoustics, for us this means the development of sustainable, acoustically optimised solutions. Acoustics is one of the most important factors that influences the well-being, mood and temper of people – even if we do not perceive it consciously.

Heradesign® acoustic panels can prove a durability of more than 80 years in buildings. In case it should one day become necessary: magnesite bonded wood wool panels can also be recycled. Because, when talking about sustainability in the building industry, the topic of disposal is becoming more and more important.
Acoustics and design with a clear, 'green conscience'!

Institut Bauen und Umwelt e.V.

0751 / 03

Heradesign® –
Business unit of Knauf AMF
Deckensysteme GmbH

A-9702 Ferndorf 29, Austria

Tel.: +43 4245 2001 3003
Fax: +43 4245 2001 3499

office@heradesign.com
www.heradesign.com

03/2013

PERFORMANCE CEILINGS
More scope for innovation

AMF and Heradesign® – two strong partners of the Knauf Group, combine their expert knowledge and skills in ceiling and wall solutions. Together they provide specialist planners, architects and clients all over the world with the best possible sales and consultation services, as well as a sophisticated product range.

Knauf de Chile Ltda.

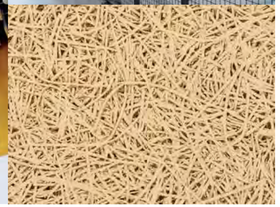
San Ignacio 0181
Loteo Industrial Portezuelo
Quilicura
Santiago - Chile

Fono:(56 2) 2 584 9400

http://www.knauf.cl

Heradesign®
Acoustic Ceilings

Heradesign® product world



sustainable acoustic solutions for well-being room atmosphere

Heradesign® produces, develops and distributes high-class acoustic systems based on wood wool for ceiling and wall installations. The main areas of application of the Heradesign® acoustic systems are: education, sports, office, infrastructure, entertainment and recreational facilities.

KNAUF

Product Overview

Heradesign® ***macro***

1-layer magnesite bonded
wood wool acoustic panel
(fibre width approx. 3 mm)

– characteristic surface structure
– building biology recommended

Heradesign® ***fine***
Heradesign® ***fine A2***

1-layer magnesite bonded
wood wool acoustic panel
(fibre width 2 mm)

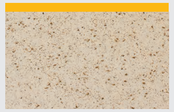
– characteristic surface structure
– acoustically effective
– building biology recommended

Heradesign® ***superfine***
Heradesign® ***superfine A2***

1-layer magnesite bonded
wood wool acoustic panel
(fibre width approx. 1 mm)

– exquisite surface structure
– building biology recommended

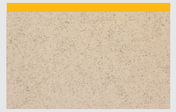
Heradesign® ***micro***



1-layer magnesite bonded
wood wool acoustic

– panel with a fine pored structure
– building biology recommended

Heradesign® ***plano***



1-layer magnesite bonded
wood wool acoustic

– panel with closed surface
– building biology recommended

Heradesign® ***plus***

Composite product consisting of a
magnesite bonded wood wool acoustic
panel and a mineral wool absorber

– excellent sound absorption values
– with trickle protection
– easier and faster installation

Product Range

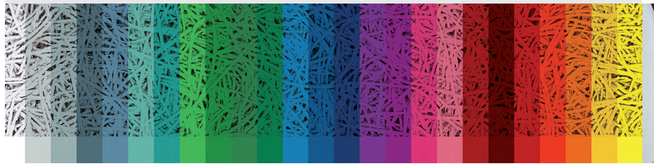
Product Range							Product Range A2		Product Range plus			
		macro	fine	superfine	micro	plano	fine A2	superfineA2	fine plus	superfine plus	micro plus	plano plus
Nominal size mm (further sizes on request)	600 x 600 mm	•	•	•	•	•	•	•	–	–	–	–
	625 x 625 mm	–	•	•	•	•	–	–	–	–	–	–
	1200 x 600 mm	•	•	•	•	•	•	•	•	•	•	•
	1250 x 625 mm	–	•	•	•	•	–	–	–	–	–	–
Panel thicknesses	1-layer 15 mm	–	•	•	–	–	•	•	–	–	–	–
	1-layer 25 mm	•	•	•	•	•	•	•	–	–	–	–
	1-layer 35 mm	–	•	•	•	–	–	–	–	–	–	–
	2-layers 40 mm (15/25)	–	–	–	–	–	–	–	•	•	–	–
	2-layers 50 mm (25/25)	–	–	–	–	–	–	–	•	•	•	•
	2-layers 55 mm (15/40)	–	–	–	–	–	–	–	•	•	–	–
	2-layers 65 mm (25/40)	–	–	–	–	–	–	–	•	•	•	•
Reaction to fire according to EN 13501-1: B-s1, d0		•	•	•	•	•	–	–	•	•	•	•
Reaction to fire according to EN 13501-1: A2-s1, d0		–	–	–	–	–	•	•	–	–	–	–
Sound absorption value												
Weighted sound absorption coefficient α_w		up to 0,70	up to 0,90	up to 1,00	up to 0,55	up to 0,35	up to 0,75	up to 0,95	up to 0,85	up to 0,95	up to 0,35	up to 0,40
Noise reduction coefficient NRC		up to 0,75	up to 0,95	up to 1,00	up to 0,60	up to 0,35	up to 0,75	up to 1,00	up to 0,85	up to 0,95	up to 0,35	up to 0,45
Product declaration												
WW-EN 13168-L3-W2-T2-S3-P2-CS(10)200-CI3		•	•	•	•	•	•	•	–	–	–	–
WW-EN 13168-L3-W2-T2-S3-P2-CS(10)20-TR5-CI3		–	–	–	–	–	–	–	•	•	•	•
EC Conformity Certificate Reg. No.:		K1-0751-CPD-209.0-01-01/2011							K1-0751-CPD-209.0.02-01/2009			
Standard colours		white, similar to RAL 9010 / beige – natural tone 13 (further colour shades from colour systems such as RAL, NCS, BS or StoColor available)										
Areas of application		suitable for rooms with a constant relative humidity of up to 90%. Application in rooms with relative humidity higher than 80% requires consultation with structural-physical experts.										

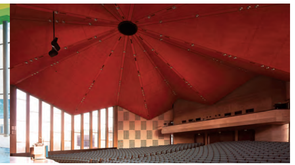
Systems and system parts

① Heradesign® holding profiles,② Heradesign® maintenance opening for installation in wall and ceiling structures, ③ Heradesign® ceiling angle,④ Heradesign® screws,⑤ Heradesign® acoustic lining, ⑥ Heradesign® PE trickle protection film bags for Heradesign® acoustic linings, ⑦ Heradesign® grid system, Heradesign® repair and covering spray for Heradesign® acoustic panels and screws (not illustrated)

‘We’ll find the right
acoustic solution for your well-being!’

Make use of the varied areas of application of Heradesign® products and their outstanding mounting systems.
Be it ceiling or wall designs, standard or special installation systems with elaborate system parts from Heradesign®.





Colors

An almost unlimited range of colours is available – almost every colour from popular colour systems such as RAL, NCS or StoColor can be chosen.

Product attributes

- Open and smooth surface structure
- Long-lasting Durability
- Dimensional accuracy and tolerances
- Humidity and climate regulation
- Various Edge design
- Light Shrinkage behaviour
- Sound absorption up to α_w = 1,0
- Nature meets trend – non-toxic, organic building material
- Reaction to fire – non-combustibility A2
- High-quality and sustainable raw materials
- High mechanical strength
- Product portfolio endless scope of design