

ORGANOID

Aesthetics & Acoustics





Aesthetics & Acoustics

SOUND SHAPED BY NATURE

Good room acoustics can have a positive effect on concentration, performance and general well-being in the room.

ORGANOID acoustic solutions combine sound-absorbing constructions with real natural materials, creating rooms that impress in terms of atmosphere, design and functionality. Thanks to their natural material properties, all our acoustic products contribute to a pleasant indoor climate.



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We develop natural acoustic solutions for a wide range of applications – uncompromising in terms of effectiveness, design and materiality.

Christoph Egger, CEO

Our acoustic products

- 4 Acoustic Panel Infinity Fine | Bold
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- 14 Acoustic Picture Modular

Infinity

Infinity is a **high-performance acoustic system for wall and ceiling surfaces** that combines acoustic precision with creative freedom.

The stable carrier plate allows **flexible cutting** and precise adaptation to complex room geometries.

Refined with ORGANOID's handcrafted natural surfaces, Infinity opens up new possibilities for using acoustics not only functionally, but also as an **independent design element**.

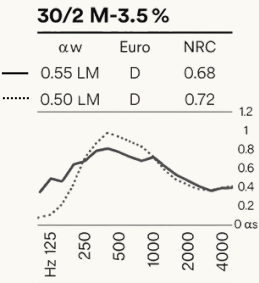
Acoustic Panel Infinity Bold with ALPINE MEADOW



smooth transitions between panels thanks to invisible joints that accommodate material expansion

Sound absorption coefficient	measurement according to EN ISO 354	
Formats	2780 x 128 mm deck width 14 mm Fine 30 mm Bold grooving 2 mm	
Fire protection	normally flammable DIN B2 / EN D-s2,d0 flame-retardant DIN B1 / EN B-s2,d0	
Application	wall & ceiling	
Absorber core	MDF 16 mm	
Decorative coatings	Infinity Bold:  ALPINE MEADOW	Infinity Fine:  ALPINE MEADOW light
Easy installation	tongue and groove connection with screw clip	

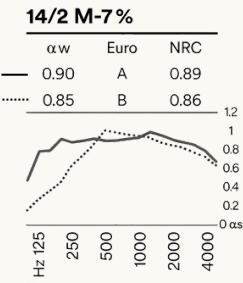
Acoustic Panel Infinity Bold



α_w = sound absorption coefficient
 α_s = terz value
Euro = Euroclasses (A-E)
NRC = Noise Reduction Coefficient (US-standard)
Measurement: — 216 mm distance,
30 mm backing
..... 56 mm distance,
30 mm backing



Acoustic Panel Infinity Fine



α_w = sound absorption coefficient
 α_s = terz value
Euro = Euroclasses (A-E)
NRC = Noise Reduction Coefficient (US-standard)
Measurement: — 216 mm distance,
30 mm backing
..... 56 mm distance,
30 mm backing



Product characteristics Infinity Fine & Bold



acoustically
highly effective



flame-retardant
(on request)



natural
materials



regulate the
indoor climate



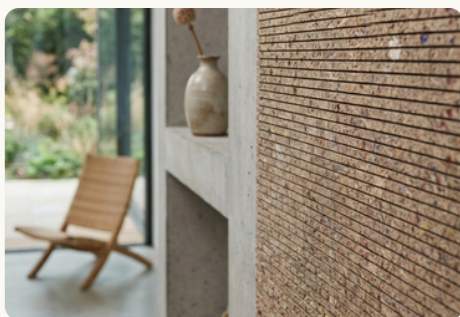
Ceiling absorber Infinity Sky

with WILDSPITZE ^{light}
(Bauernspeis @woody Raumakustik by Teamwork)



Ceiling sail Infinity Fly

with ALPINE MEADOW
(Reznicek Wien @woody Raumakustik by Teamwork)



Wall absorber Infinity Wall

with ALPINE MEADOW

Product characteristics Infinity Sky, Fly & Wall



acoustically
highly effective



ready for
installation

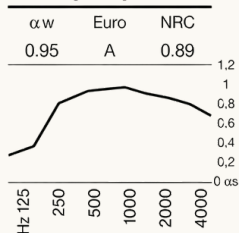


natural
materials



regulate the
indoor climate

Infinity Sky & Wall



α_w = sound absorption coefficient

α_s = terz value

Euro = Euroclasses (A-E)

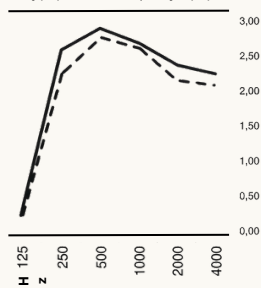
NRC = Noise Reduction Coefficient (US-standard)

Measurement: no distance, 50 mm backing

Infinity Fly

Equivalent sound absorption area

AObj (m^2) above the frequency F (Hz)



— AObj (Terz)

----- AObj (Octave)

Measurement: 200 mm distance,
50 mm backing

The acoustic effectiveness depends on the design.

Sound absorption coefficient

measurement according to EN ISO 354-2003

Format

2000 x 1000 x 76 mm
deck width 13 mm
grooving 3 mm

Application

Sky ceiling absorber
Fly ceiling sail
Wall wall absorber

Absorber core

MDF 19 mm

Decorative coatings



ALPINE
MEADOW



ALPINE
MEADOW
light



Active Core

Our Active Core forms the absorber core of the Modular Family and consists of a combination of **hemp and binding fibres**. This combination of materials ensures stability and effective sound absorption.

The Active Core is 93.8% biodegradable. Despite its natural fibres, Active Core can be processed in the same way as PET. It can be processed using existing machinery, making it a sustainable solution for a wide range of acoustic designs and solutions.

Processing is straightforward:



die cutting



sawing



waterjet cutting



manual cutting



digital cutting



Acoustic Panel Modular

Our acoustic panels from the Modular line are free of harmful substances and are 93.8% biodegradable.

Their **flexible processing** allows for custom cuts and offers a high degree of design freedom. Different formats, complex geometries, and a wide variety of finishes can be precisely implemented.



Acoustic Panel Modular with WOOL sage green

Product characteristics Acoustic Panel Modular



acoustically
highly effective



natural
materials



regulate the
indoor climate



biodegradable

Test reports Acoustic Panels

Test	α_w	Euro	NRC	Decorative coating
direct installation	0.50	D	0.75	ALPINE MEADOW light
40 mm backing	1.00	A	1.00	ALPINE MEADOW light
180 mm distance	1.00	A	0.95	ALPINE MEADOW light
140 mm 40 mm backing	1.00	A	1.00	ALPINE MEADOW light
direct installation	0.55	D	0.75	WOOL
40 mm backing	1.00	A	1.00	WOOL
180 mm distance	1.00	A	0.95	WOOL
140 mm 40 mm backing	1.00	A	1.00	WOOL
direct installation	0.45	D	0.60	PURE
40 mm backing	1.00	A	1.00	PURE
180 mm distance	1.00	A	0.90	PURE
140 mm distance 40 mm backing	1.00	A	1.05	PURE

α_w = sound absorption coefficient
Euro = Euroclasses (A-E)
NRC = Noise Reduction Coefficient (US-standard)
backing = Sheep's wool insulation

The acoustic effectiveness depends on the structural design.
An additional air gap during installation can significantly increase the absorption performance.

Sound absorption coefficient

Measurement according to EN ISO 354

Formats

580 x 2320 x 20 mm
1160 x 2320 x 20 mm

Application

wall & ceiling

Absorber core

Active Core

Decorative coatings



PURE



ALPINE
MEADOW
light



WOOL
white



WOOL
sage green

Biodegradable

93.8 % according to ASTM D5511 | EN ISO 15985

Acoustic Tiles Modular

Our Acoustic Tiles offer an effective way to specifically improve room acoustics while allowing for **creative freedom**. The individual elements can be flexibly combined with one another, enabling **customized wall or surface designs**.

Different V-Cut structures create different surfaces and patterns that have both acoustic and design effects. Individual elements can be used to create calm surfaces, graphic structures or lively wall pictures.



Acoustic Tiles Modular with ALPINE MEADOW ^{light}

Product characteristics Acoustic Tiles Modular



acoustically
highly effective



natural
materials



regulate the
indoor climate



biodegradable

Test reports Acoustic Tiles

Test	α_w	EURO	NRC	Decorative coating
direct installation	0.50	D	0.75	ALPINE MEADOW light
40 mm backing	1.00	A	1.00	ALPINE MEADOW light
180 mm distance	1.00	A	0.95	ALPINE MEADOW light
140 mm 40 mm backing	1.00	A	1.00	ALPINE MEADOW light

α_w = sound absorption coefficient

Euro = Euroclasses (A-E)

NRC = Noise Reduction Coefficient (US-standard)

backing = Sheep's wool insulation

The acoustic performance depends on the structural design. Our measurement data is based on a large test area; values may vary in individual applications.

Designs



PEARLS



SUN



CELLS



BLOOMS



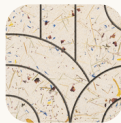
LINES



LOOPS



CIRCLES



HYBRID



GRID

Sound absorption coefficient

measurement according to EN ISO 354

Format

580 x 580 x 20 mm

Application

wall

Absorber core

Active Core

Decorative coating



ALPINE MEADOW light

Biodegradable

93.8 % according to ASTM D5511 | EN ISO 15985

Acoustic Picture Modular

Our Acoustic Pictures combine first-class sound absorption with natural materials, creating ideal acoustics and an optimised indoor climate.

The Acoustic Pictures are available with either a folded-down frame or a black wooden frame.



Acoustic Picture Modular with ALPINE MEADOW ^{light}

Product characteristics Acoustic Pictures Modular



acoustically
highly effective



natural
materials



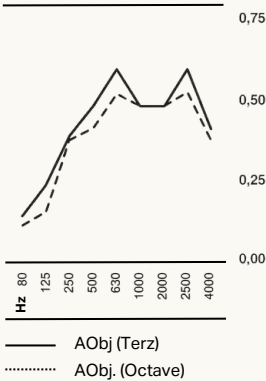
regulate the
indoor climate



biodegradable

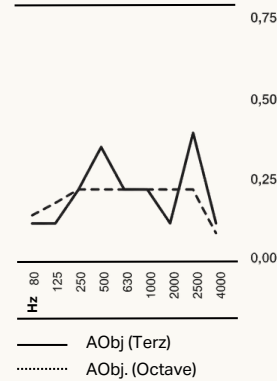
Acoustic Picture big 1200 x 600 mm

Equivalent sound absorption area
AObj (m²) above the frequency F (Hz)



Acoustic Picture small 600 x 600 mm

Equivalent sound absorption area
AObj (m²) above the frequency F (Hz)



The acoustic performance depends on the structural design.
The measurements are based on a 20 mm Active Core and a 20 mm air gap.

Sound absorption coefficient

measurement according to EN ISO 354-2003

Format

600 x 600 x 40 mm
1200 x 600 x 40 mm

Application

wall

Absorber core

Active Core

Decorative coatings



ALPINE MEADOW light

Frames



folded-down
frame



black wooden
frame

Biodegradable

93.8 % according to ASTM D5511 | EN ISO 15985



Aesthetics & Acoustics

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