

ORGANOID

ICONIC SURFACE DESIGN

& Aesthetics
& Acoustics



Aesthetics & Acoustics

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 genuine 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

Acoustic performance solved naturally – our acoustic products

- 3** Infinity Fine | Bold
- 5** Infinity Sky | Fly | Wall
- 8** Balance
- 10** 3D Acoustic Panel
- 12** Acoustic Tiles
- 14** Balance Acoustic Pictures

Infinity

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**.

Infinity Fine with ALPINE MEADOW light



Smooth transitions between panels thanks to **invisible joints** that accommodate material expansion

sound absorption coefficient A (depending on substructure and variant)
according to EN ISO 354-1985

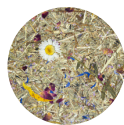
dimensions 2790 x 128 mm
deck width 14 mm Fine | 30 mm Bold
grooving 2 mm

fire protection normally flammable DIN B2 / EN D-s2,d0
flame-retardant DIN B1 / EN B-s2,d0

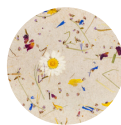
application wall & ceiling

carrier MDF 16 mm

decorative coatings



ALPINE
MEADOW



ALPINE MEADOW
light

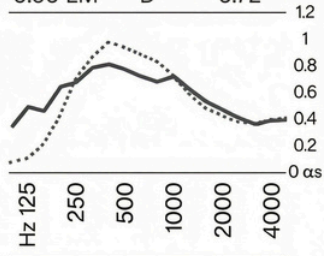
easy installation Tongue and groove connection with screw clip

suitable for
allergy
sufferers

Infinity Bold

30/2 M-3.5%

α_w	Euro	NRC
0.55 LM	D	0.68
0.50 LM	D	0.72



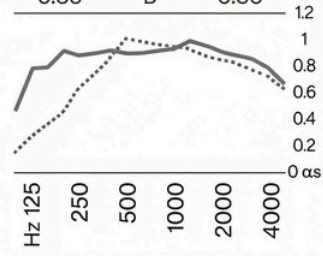
α_w = sound absorption coefficient
 α_s = terz value
Euro = Euroclasses (A-E)
NRC = Noise Reduction Coefficient (US-Norm)
 suspension height — 216 mm
 56 mm



Infinity Fine

14/2 M-7%

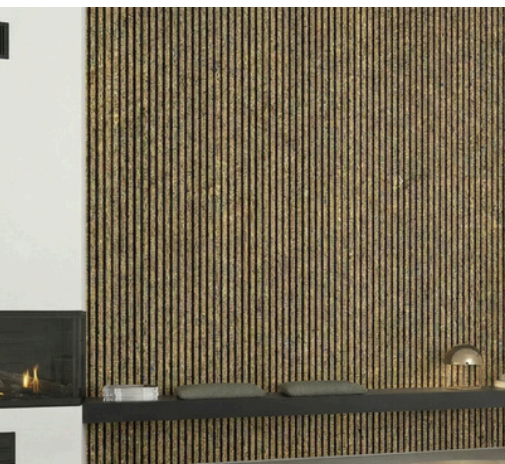
α_w	Euro	NRC
0.90	A	0.89
0.85	B	0.86



α_w = sound absorption coefficient
 α_s = terz value
Euro = Euroclasses (A-E)
NRC = Noise Reduction Coefficient (US-Norm)
 suspension height — 216 mm
 56 mm



Infinity Fine with ALPINE MEADOW



product characteristics Infinity Fine & Bold



acoustically
highly effective



flame-retardant
(on request)



natural
materials



regulate the
indoor climate

Infinity

INFINITY



Infinity Sky

with **WILDSPITZE light**
(Bauernspeis ©woody Raumakustik by Teamwork)



Infinity Wall

with **ALPINE MEADOW**



Infinity Fly

with **ALPINE MEADOW**
(Reznicek Wien ©woody Raumakustik by Teamwork)

sound absorption coefficient A according to EN ISO 354-2003

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

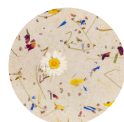
application Sky ceiling absorber
Fly ceiling sail
Wall wall absorber

carrier MDF 16 mm

decorative coatings



ALPINE
MEADOW



ALPINE MEADOW
light

product characteristics Infinity Sky, Fly & Wall



acoustically
highly effective



natural
materials



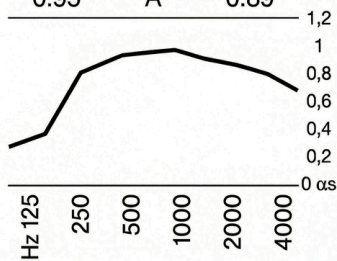
ready for
installation



regulate the
indoor climate

Infinity Sky & Wall

α_w	Euro	NRC
0.95	A	0.89



α_w = sound absorption coefficient

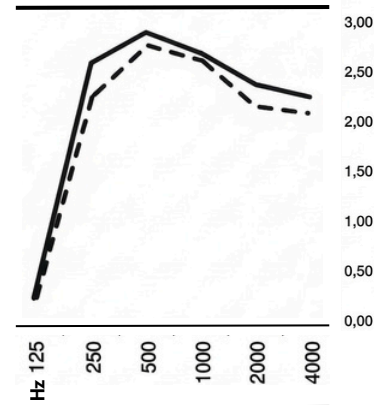
α_s = terz value

Euro = Euroclasses (A-E)

NRC = Noise Reduction Coefficient (US-Norm)

Infinity Fly

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



— AObj (Terz)

- - - - - AObj. (Oktav)

The acoustic effectiveness depends on the design. The measurements are based on 50 mm insulation and no air gap during installation.

The acoustic effectiveness depends on the structural design. The measurements are based on insulation of 50 mm and an air gap of 200 mm during installation.

Active Core

Our **Active Core** forms the absorber core of Balance products, Acoustic Tiles and 3D Panels and consists of a combination of **hemp fibres and a binding agent**. This combination of materials ensures stability, and effective sound absorption.

The hemp fibres and binding agent are biodegradable. Despite its natural fibre content, Active Core can be processed in the same way as PET. It can be edited using existing machinery, making it a sustainable solution for a wide range of acoustic designs and solutions.

Processing is straightforward:



die cutting



sawing



laser cutting



manual cutting



Balance

Our acoustic panels from the Balance series are made from natural fibres such as hemp and flax, as well as a binding component that is free from harmful substances and biodegradable – our **Active Core**.

Flexible processing enables customised cuts and opens up a high degree of design freedom. Different formats, complex geometries and diverse surfaces can be implemented with precision.

Balance with ALPINE MEADOW light



suitable for
allergy
sufferers

ACTIVE CORE

Test	α_w	NRC
10 mm thickness no air gap	0.25	0.35
10 mm thickness 200 mm air gap	0.90	0.85
20 mm thickness no air gap	0.40	0.60
20 mm thickness 200 mm air gap	0.95	0.90

α_w = sound absorption coefficient

NRC = Noise Reduction Coefficient (US-Norm)

The acoustic effectiveness depends on the design, in particular on the thickness of the Active Core.

An additional air gap during installation can significantly increase the absorption performance.

Balance with ALPINE MEADOW light



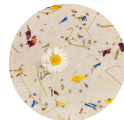
sound absorption coefficient A according to EN ISO 354-1985
(depending on the system configuration)

dimensions thickness: 10 mm | 20 mm
formats: 3050 x 1300 mm
2390 x 1200 mm
2390 x 600 mm

application wall & ceiling

absorber core Active Core

decorative coatings



ALPINE MEADOW
light



PURE



WOOL FELT
taupe



WOOL FELT
sage green

biodegradable 93,8 % according to ASTM D5511 | EN ISO 15985

product characteristics Balance



acoustically
highly effective



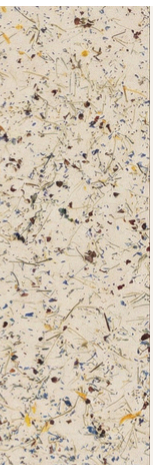
natural
materials



regulate the
indoor climate



biodegradable



3D Acoustic Panel

The 3D acoustic panels transform wall surfaces into **sculptural design highlights**.

With their generous format, they create depth, structure and a **strong visual presence** – while effectively improving room acoustics. Ideal as an eye-catcher for rooms that are meant to make an impression.

The **Active Core** absorber core consists of hemp fibres and a binding agent. Our 3D panels are biodegradable and manufactured without harmful ingredients.

Due to the 3D structure, there is a varying air gap to the wall, which means that the measured values differ locally. The acoustic effect of the entire panel system is decisive.

The three-dimensional shape creates **strong visual accents** and at the same time improves the **acoustic quality** of the room.

Design, that changes rooms acoustically



3D panel with WOOL FELT



3D panel with WOOL FELT

sound absorption coefficient A according to EN ISO 354-1985
(depending on the system configuration)

dimensions 2390 x 790 x 10 mm

application wall

absorber core Active Core

decorative coatings



PURE



WOOL FELT
taupe



WOOL FELT
sage green

biodegradable 93,8 % according to ASTM D5511 | EN ISO 15985

product characteristics 3D acoustic panel



acoustically
highly effective



natural
materials



regulate the
indoor climate



biodegradable

Acoustic Tiles

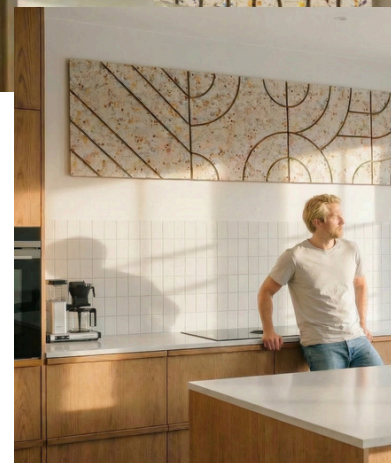
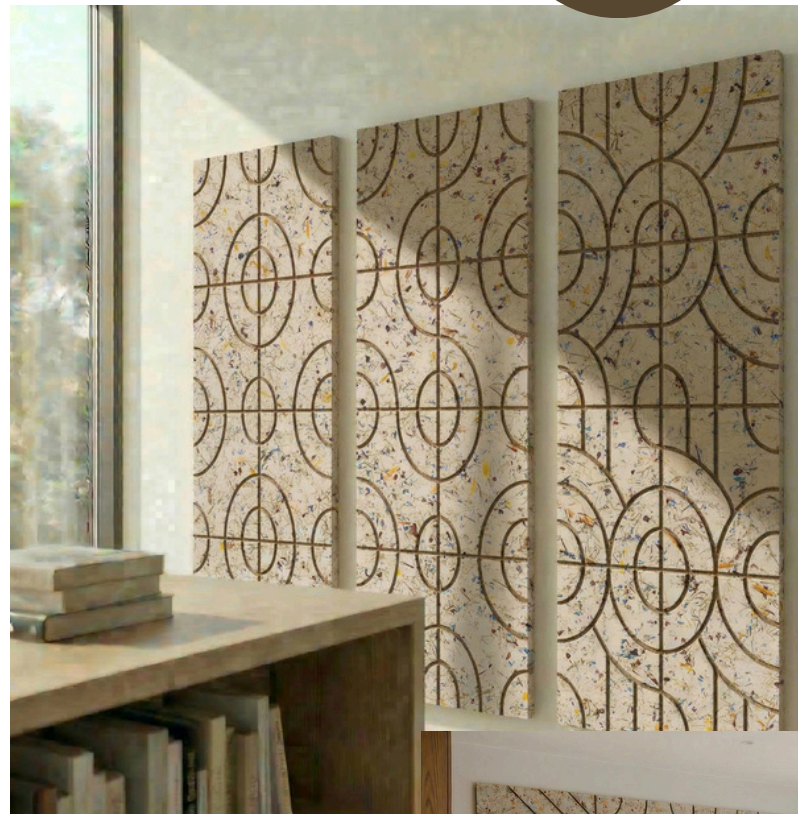
Our Acoustic Tiles offer an effective way to improve room acoustics in a targeted manner while also allowing for **creative freedom**. The individual elements can be flexibly combined with one another, enabling customised wall or surface designs.

The core of Acoustic Tiles consists of our **Active Core** – an acoustically effective mixture of hemp fibres and a binding component. The structure is biodegradable and contains no harmful substances.

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.

different
V-Cuts
available

Acoustic Tiles with ALPINE MEADOW light



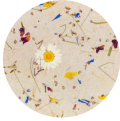


Acoustic Tiles mit ALPINE MEADOW light

ACTIVE CORE

Test	α_w	NRC
20 mm thickness no air gap	0.40	0.60
20 mm thickness 200 mm air gap	0.95	0.90

α_w = sound absorption coefficient

NRC = Noise Reduction Coefficient (US-Norm)

sound absorption coefficient	A according to EN ISO 354-1985 (depending on the system configuration)	
dimensions	600 x 600 x 20 mm	
application	wall & ceiling	
absorber core	Active Core	
decorative coatings	 <p>ALPINE MEADOW light</p>	 <p>WOOL FELT sage green</p>
	 <p>WOOL FELT taupe</p>	
biodegradable	93,8 % according to ASTM D5511 EN ISO 15985	

product characteristics Acoustic Tiles



acoustically
highly effective



natural
materials



regulate the
indoor climate



biodegradable



Balance Acoustic Pictures



Balance Acoustic Pictures with folded-down frame
(© City of Wiltz – Luxembourg)

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

At the heart of the product is our **Active Core**: an acoustically effective core made of hemp fibres, supplemented by a binding agent. This combination of materials ensures effective sound absorption, contains no harmful substances and is also biodegradable.

product characteristics Acoustic Pictures



acoustically
highly effective



natural
materials



regulate the
indoor climate



biodegradable





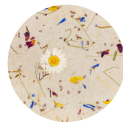
BALANCE ACOUSTIC PICTURES

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

application wall

absorber core Active Core

decorative coatings



ALPINE MEADOW light

frame



folded-down
frame



Black wooden frame

biodegradable 93,8 % according to ASTM D5511 | EN ISO 15985



ORGANOID

ICONIC SURFACE DESIGN

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Company with financial

climate contribution

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