ALPHA ACOUSTIKI

Architectural Acoustics

WoodSkin Collection

ACOUSTIC PANELS WOOD-INSPIRED FINISHES

45+ years

In TUNE with YOUR needs

WoodSkin Collection

ACOUSTIC PANELS WOOD-INSPIRED FINISHES

INTRODUCTION

The WoodSkin Collection consolidates all fabric-wrapped acoustic panels featuring wood-inspired finishes into a single, unified reference.

This structure ensures consistent presentation of material options, surface textures and acoustic performance across the iZiSound, SONUSFelt, ACu-Reverb and ALPHAcoustic product families.

Products marked with the Leaf symbol are acoustic panels manufactured from recycled, environmentally friendly materials

By grouping these solutions together, the collection provides a clear overview of all wood-appearance variants, simplifies specification for architects and engineers, and supports accurate comparison of technical characteristics within one coordinated document.

For full technical specifications, surface options and installation details, refer to the WoodSkin Collection datasheet, or contact our engineering support team.

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iZiSound -WoodSkin

ACOUSTIC PANELS WITH WOOD-EFFECT VELVET FINISH

iZiSound - Woodskin. *Shape Options*

iZiSound - *WoodSkin* is a surface finish variant within the iZiSound acoustic panel system, developed to offer a wood-inspired visual appearance while maintaining identical acoustic performance.
The panels are covered with a high-density velvet fabric featuring a wood-effect surface, providing the visual characteristics of timber without introducing reflective rigid materials.

Due to the pile structure of the velvet fabric, all panels must be installed with the fibers oriented in the same direction to ensure a uniform visual appearance.

iZiSound - *WoodSkin*

Core slab in Black, 50 mm thickness as standard. White core, 20 mm thickness available upon request.

Acoustic performance

The practical sound absorption coefficient (a_p) per square meter and the weighted sound absorption coefficient (a_w) according to ISO11654.1997, can be found in the following table:

Type: **iZiSound 50mm.**	*125 Hz*	*250*	*500*	*1k*	*2k*	*4k*	Weighted Sound Absorption Coefficient (α_w)	Sound Absorption Class
Sound Absorption Coefficient	0.30	0.65	0.85	0.95	0.90	0.95	0.90	A

Note: Acoustic WoodSkin finish – See the next page for pattern and color options.

ACu.Reverb-WoodSkin

ACOUSTIC CURTAINS WITH WOOD-EFFECT

ACu.Reverb - Woodskin. Acoustic curtains are designed to improve room acoustics while maintaining a clear architectural language inspired by natural materials and wood-based interiors. They are manufactured from high-density velvet fabric, offering effective sound absorption and controlled reduction of reverberation.

One side features a wood-effect printed surface, providing the visual warmth of wood without the acoustic limitations associated with rigid or reflective materials. The result is an acoustic solution with a strong wooden appearance, integrating naturally into spaces dominated by timber, neutral palettes, and biophilic design concepts, while remaining flexible and easy to implement.

ADVANTAGES

- Wood-effect architectural appearance
- Effective sound absorption and reverberation control
- Thermal insulation
- Sunlight control
- Easy and non-invasive installation
- Ability to achieve variable reverberation time

ACu.Reverb-Woodskin
Acoustic Wood Effect Curtains

TECHNICAL CHARACTERISTICS

The estimated weighted sound absorption coefficient can reach $\alpha_w = 0.7$, according to ISO 11654.
Acoustic performance depends on the curtain pleating and the distance from the wall.

Curtain supplied ready for installation
Material: Polyester velvet type fabric
Standard width: 1.5 m
Height: According to project requirements

PATTERN SELECTION AND PREFERENCES

A selection of standard wood-effect designs are available on following page.

ALPHAcoustic-**WoodSkin.** Panels

ACOUSTIC PANELS WITH WOOD-INSPIRED FINISH

ALPHAcoustic - WoodSkin. Panels combines high acoustic performance with the warm visual character of a wood-inspired finish, offering an elegant solution for spaces that require both aesthetic refinement and effective sound control.
Designed with flexibility in mind, it adapts easily to diverse architectural concepts while maintaining the reliable acoustic behavior of the ALPHAcoustic panels series.

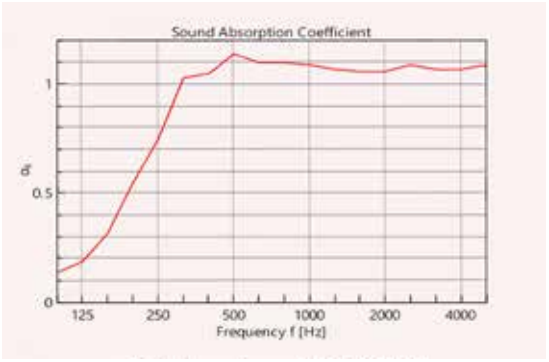
ALPHAcoustic-AP - WoodSkin.
Orthogonal Acoustic Panels

ALPHAcoustic-AB - WoodSkin.
Orthogonal Acoustic Baffles

ALPHAcoustic-Kiklos - WoodSkin.
Circle Acoustic Panels

SOUND ABSORPTION

ALPHAcoustic - WoodSkin. Panels is engineered to deliver maximum sound absorption within a specific acoustic frequency range.
The Sound Absorption Index (α_s) per square meter, measured according to ISO 354:2003, as well as the Practical Sound Absorption Coefficient (α_p) and the Weighted Sound Absorption Coefficient (α_w) in accordance with ISO 11654:1997, are presented in the corresponding performance graph.



- Weighted Sound Absorption Coefficient α_w = 1
- Sound Absorption Class = A

INSTALLATION

ALPHAcoustic - WoodSkin. Acoustic Panels are designed for straightforward installation on wall or ceiling surfaces. Each panel is equipped with an integrated rear hanging system that allows secure and precise mounting on the wall. For ceiling suspension applications, a dedicated hanging system with height-adjustable wire cables is available, ensuring accurate leveling and safe load distribution.

KEY FEATURES

- Wood-effect finish offering the warmth of natural timber with an acoustically transparent fabric
- Broadband sound absorption matching the performance of the ALPHAcoustic AP series
- Non-reflective construction without rigid materials for consistent acoustic behavior
- Custom production tailored to project-specific requirements
- Thickness options: 30, 50, 75, 100 mm
- Flexible dimensions for the rectangular panel format
- Multiple shapes available: rectangular, polygonal, circular.

ALPHAcoustic - WoodSkin. Panels can be produced in different shapes, dimensions and thickness upon request.

Note: Acoustic fabric finish – See colour selection on following page.

ALPHAcoustic-WoodSkin.AM

WOOD-LOOK FINISH • FREE-STANDING ACOUSTIC PARTITION

Woodskin.AM is a free-standing on the floor acoustic partition featuring a high-performance sound-absorbing core and a fabric surface with a refined wood-printed finish that replicates the warmth and texture of natural timber.

ALPHAcoustic-Woodskin.AM

Designed for open-plan environments, it provides effective sound absorption, improving speech privacy and reducing sound reflections within the room. Its self-supporting construction requires no floor mounting, enabling rapid placement and flexible reconfiguration of interior layouts.

WoodSkin-AM combines acoustic efficiency with a natural, architectural aesthetic suitable for contemporary workspace design.

Max Dimensions 125X180 cm

Standard Thickness: 50mm.

ALPHAcoustic-WoodSkin.Desk

WOOD-LOOK FINISH • DESK-MOUNTED ACOUSTIC DIVIDER

Woodskin.Desk is a tabletop desk-mounted acoustic divider constructed with a high-performance sound-absorbing core and a fabric surface featuring a wood-printed finish. It is designed to enhance speech privacy and reduce near-field noise transmission between adjacent workstations in open-plan environments.

ALPHAcoustic-Woodskin.Desk

Standard Thickness: 50mm.

Dimensions specified according to the designated office partition application.

The panel delivers effective sound absorption, contributing to improved acoustic comfort at the desk level. Its innovative non-permanent design allows flexible placement on standard office desks without mechanical fixing, supporting adaptable and dynamic workspace layouts.

Acoustic performance

The sound absorption coefficient (a_p) per square meter, according to ISO 11654.1997, and weighted sound absorption coefficient (a_w) can be found in the following table:

ALPHAcoustic-WoodSkin Type:50	Practical Sound Absorption Coefficient α_p						Weighted Sound Absorption Coefficient (α_w)	Sound Absorption Class
	Frequency (Hz)							
	125	250	500	1000	2000	4000		
Thickness 50 mm	0.20	0.75	0.9	1	1	1	**1**	**A**

Note: Acoustic WoodSkin finish – See the next page for pattern and color options.

ALPHAcoustic-**WoodSkin.** Elements

ACOUSTIC ELEMENTS WITH WOOD-INSPIRED FINISH

ALPHAcoustic - WoodSkin. Acoustic **Elements** are multifunctional objects designed to elevate both the visual and acoustic quality of a space.
Each piece is crafted entirely from carefully selected sound-absorbing materials,
ensuring consistent acoustic performance throughout its full volume. Their warm Wood inspired finishes and minimal geometric forms, they function as practical design objects. Acoustic Characteristic of all the core material: The weighted sound absorption coefficient (aw=1) according to ISO 11654.1997. The Sound Absorption Class = A.

Selected Woodskin. **Elements**

WoodSkin. Barrel

WoodSkin. Cube

WoodSkin. Block

Note: Can be used as stool or side table. - Wooden top not included.

The WoodSkin-ELEMENTS presented above are illustrative examples. Their design and construction can be tailored to a wide range of forms, dimensions, configurations and woodskin patterns to meet the specific architectural and aesthetic requirements of each project.

SONUSFelt-WoodSkin. FLY

PET FELT WOOD-EFFECT FLOATING ACOUSTIC PANELS

SonusFelt - WoodSkin. FLY panels are acoustic ceiling suspended panels, made of compressed PET felt 12mm thickness. The panels are covered on visible side with a special sound transparent velour finished Fabric with realistic presentation of wood patterns with a wide range of wooden options.
Having the flexibility in the production and the processing technology of these panels, we can create tailor made products based on the most incredible ideas you can imagine.

SonusFelt-WoodSkin. Fly-Rec

SonusFelt-WoodSkin. Fly-Kiklos

SonusFelt-WoodSkin. Fly-Cloud

Key Features:

- Minimal, aesthetic acoustic solution
- Versatility of shapes/combinations and sizes
- Tailored to your needs

Optionally, a light source can be added on the acoustic panel to form acoustic lighting panels.

SonusFelt-Cloud is produced in a various other shapes and dimensions that are available upon request. Every panel includes its hanging system with height regulation. The standard color of the PET felt core is black. See Acoustic WoodSkin fabric finish selection on following pages.

SONUSFelt-WoodSkin. Motif

PET FELT GROOVED WOOD INSPIRED FINISHES ACOUSTIC PANELS

SONUSFelt WoodSkin panels are PET-felt acoustic elements engineered for effective sound absorption and precise architectural integration. Their surfaces can be CNC-engraved with linear or curved geometries, enabling controlled patterning and the formation of complex geometric arrangements.

With the appropriate technical setup, custom engravings on the felt slabs can be executed to meet project-specific specifications.

When combined with our WoodSkin cladding collection, the system supports a broad range of wood-inspired textures and visual finishes.

Our team is available to develop bespoke motifs and configurations, ensuring full alignment with the design intent of each application.

SONUSFelt- WoodSkin. Motif
Type 0.1 (Fabric WS.004)

SONUSFelt- WoodSkin. Motif
Type 0.2 (Fabric WS.004)

Standard Dimensions:
60x60cm , 60x120cm

Thickness: 12mm(Core)

Geometric combinations of standard models produce elegant and refined designs.

Note: Other size and patterns upon request with M.O.Q.

SONUSFelt-**WoodSkin.** Beams

ACOUSTIC BAFFLES & BEAMS WITH THE WARMTH OF WOOD

Vertically suspended acoustic beams combining natural wood aesthetics with high-performance felt absorption.

A high-resolution wood-grain finish delivers a realistic timber look, with an optional infill for enhanced low-frequency control. Each beam includes an integrated suspension system for quick, precise ceiling installation.

Primary attributes

- Hybrid design combining natural aesthetics and technical functionality
- Lightweight, modular, and adaptable to various ceiling layouts
- Custom wood-grain finishes (Oak, Walnut, Ash, etc.)
- Sustainable composition 65% recycled PET fiber, fully recyclable
- Safe, non-toxic, non-allergenic, UV-stabilized
- Optional internal acoustic infill for enhanced absorption

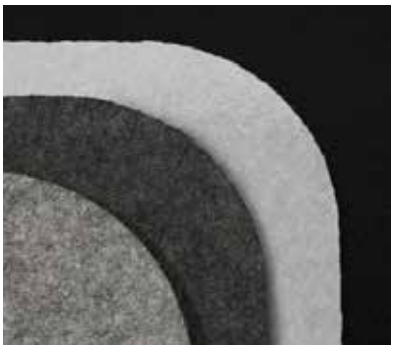
Typical Dimensions

120 X 20 X 5 cm

120 X 7 X 5 cm

Note: Other dimensions and wood patterns upon request.

THE CORE MATERIAL



SonusFelt is a lightweight and semi-rigid Eco-conscious polyester fiber acoustic panel with sound absorbing properties. More than just a traditional interior acoustic panel. *SonusFelt* can be used as a base material for a variety of creative solutions.

Its composition is made of 100% polyester fiber, containing a minimum of 65% post-consume recycled material (PET bottle-flake). PET Felt is both recycled and recyclable.

SonusFelt acoustic panels are totally safe, non-toxic, non-allergenic and non-irritant. It is long lasting, UV stabilized and sound-dampening.

The standard color of Sonus-Felt is black, other colors upon request with M.O.Q.

TECHNICAL SPECIFICATIONS (CORE MATERIAL)

Product Type:	PET Eco-conscious fiber acoustic panels
Material:	100% polyester fiber, 65% recycled
Thickness:	12 mm (other thickness upon request)
Density:	190 kg/m^3
Core Color:	Black as standard, more options available
Technics:	Does not contain any Red List building materials
Feature:	Safe, non-toxic, non-irritant and non-allergic
Fire Retardancy:	MVSS 301
Acoustic Performance:	Estimated weighted sound absorption coefficient per square meter is α_w = 0.45-0.85 according to ISO.11654.1997. depending on the thickness and product configuration.
Light source:	Optional, to be defined

WOODEN PATTERN SELECTION

Preferred finishes for all WoodSkin Collection product.

WS- 001

WS- 002

WS- 003

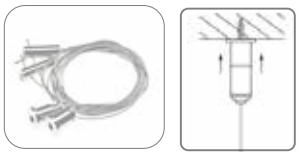
WS- 004(=3730)

A wider range of wood patterns is available for selection and production *with M.O.Q.*.

ACCESSORIES

HEAVY DUTY MAGNETIC SPRAY ADHESIVE B.S 500 ml.
Useful for fixing iZiSound & SonusFelt on the wall.

SCREW-ON HANGING CLIPS for wall hanging for iZiSound wall installation.



ALPHAcoustic-HS: Vertical hangers with stainless steel wire and height adjustable roof suspension mechanism for hanging panels.

ALPHAcoustic – MH: Metal galvanised wall Hook for acoutic panel wall hanging.

CURTAIN RAIL SYSTEM (Optional)

The standard tracking system of **ACu.Reverb** consists of a heavy duty aluminum rail with gliders where the sound absorbing curtain can easily be moved, heavy duty hooks and mounting accessories.

Motorized system

Moving method options:

- By hand
- Cord operated
- With electric motion (wall mounted switch or remote control)

LEGAL NOTICE

Product colors and quality in this catalogue may differ from the actual items. Always select products from samples.
Technical information in this brochure is based on laboratory tests and is for guidance only; customers must verify suitability for their specific project. Data may change without notice. Sales and payment terms apply. We are not liable for printing or typographical errors.

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45+ years
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The WoodSkin Collection brings together all wood-inspired acoustic panel solutions in a unified, structured reference.

SUSTAINABILITY
SEE OUR ACTIONS

For additional technical information, or project-specific support, our engineering team remains available to assist.

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