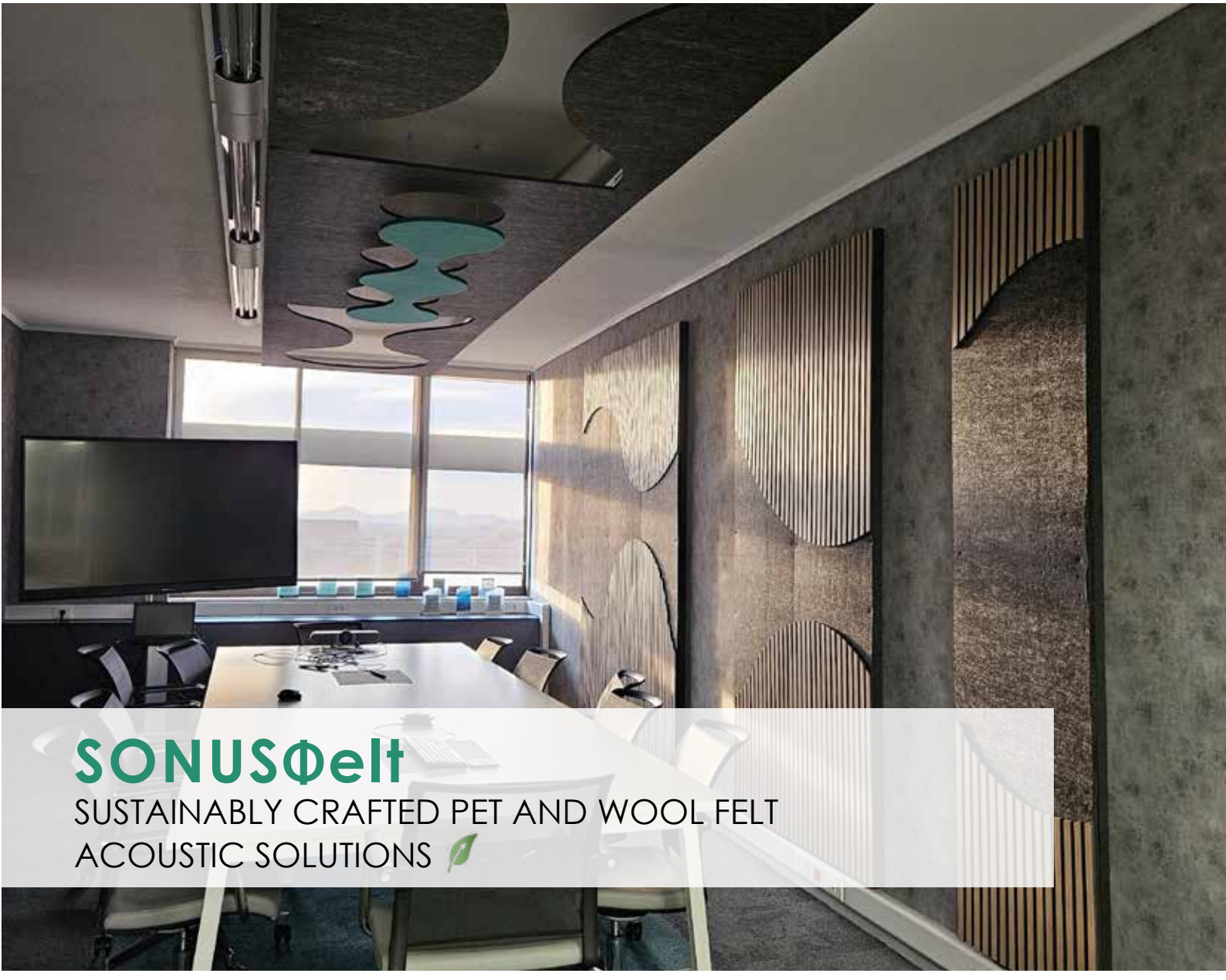
ALPHA ACOUSTIKI

Architectural Acoustics

Lighting



SONUSΦelt

SUSTAINABLY CRAFTED PET AND WOOL FELT ACOUSTIC SOLUTIONS

ALPHA ACOUSTIKI

45+years
In TUNE with YOUR needs

SONUSΦelt

PET AND WOOL FELT ACOUSTIC PRODUCTS

SONUSFELT SYSTEM OVERVIEW

SonusFelt is a modular acoustic system made from high-density PET felt, a durable and fully recyclable material engineered for stable acoustic performance. The material supports shaping, cutting and CNC processing, enabling multiple panel geometries and configurations.

The product family includes different surface coverings, color palettes, and form factors to meet both functional and architectural needs. Standard formats are available, while custom dimensions, perforations, edge profiles, and mounting solutions can be developed on request.

Designers can combine shapes, thicknesses, and colorways to create coherent visual compositions or tailored acoustic solutions. The following pages present the available material variants, color options, and configuration possibilities.

Our technical team is available to support you in developing and realizing project-specific concepts.

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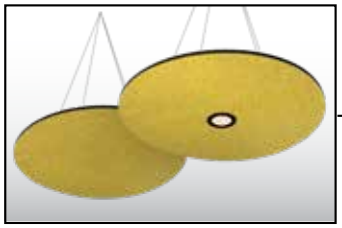

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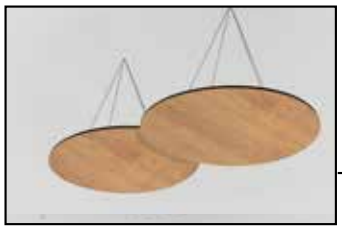

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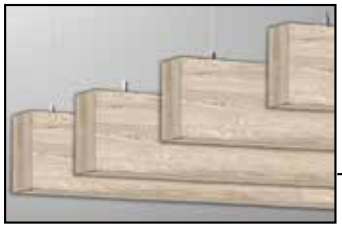

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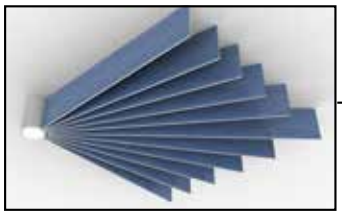

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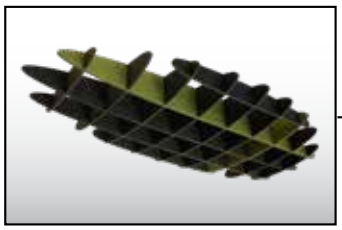

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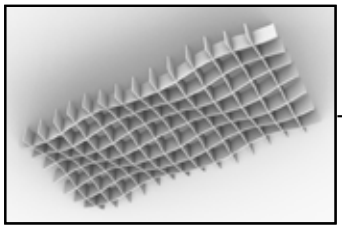

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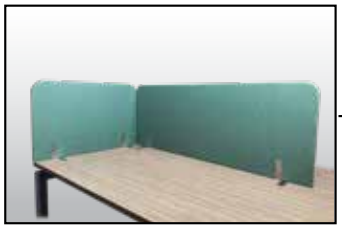

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SonusFelt 1

#Diviso

ACOUSTIC SUSPENDED DIVIDERS

ACOUSTIC SUSPENDED DIVIDERS

SonusFelt-Diviso are acoustic vertical suspended dividers, made of PET felt that can be produced in various sizes and perforation patterns.

SonusFelt-Diviso

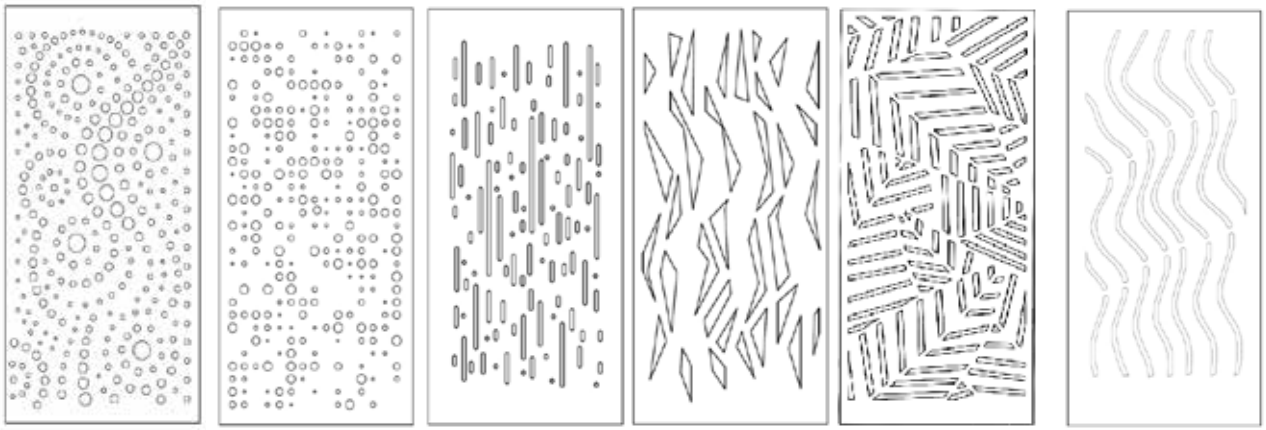
- Acoustic separation
- Simple installation
- Safe: non-toxic, non-irritant, non-allergenic
- Environmentally responsible

The panels are available in two material variants:
SonusFelt-Diviso.F, finished with a thin PET **F**ELT surface, and
SonusFelt-Diviso.T, covered on both sides with a sound-transparent **T**extile fabric.
Both variants offer a broad range of color options.
These variants are offered in addition to the standard uncovered version.

Our flexible production capabilities allow us to develop tailor-made solutions.
In the acoustic felt and fabric versions, the core material is discreetly visible along the edges.

STANDARD PANEL MODELS

Alongside our signature designs, we present a selection of typical cutting patterns as reference. With our dedicated cutting technology, SONUSFelt panels can be produced in a wide variety of shapes and layouts, tailored to each project's aesthetic.



Spiral ***Spora*** ***Drops*** ***Fracta*** ***Leaf*** ***Flow***

The maximum panels sizes: 120 cm x 240 cm

More shapes and sizes can be produced upon request

NOTE: For detailed Technical and Acoustic Specifications of SONUSFelt, please refer to the corresponding specifications pages that follow.

Architectural Acoustics

Lighting

SonusFelt 2

#Edge.TF

FULLY FABRIC-WRAPPED ACOUSTIC
PANELS IN RECTANGULAR FORMATS

DESCRIPTION

SonusFelt-Edge. TF panels are manufactured from high-density PET felt and finished with a continuous textile wrap across all faces and Edges. The construction provides a uniform, monolithic appearance suitable for architectural applications requiring precise rectangular geometry and controlled acoustic absorption.

SonusFelt-Edge. TF (Wall Application)

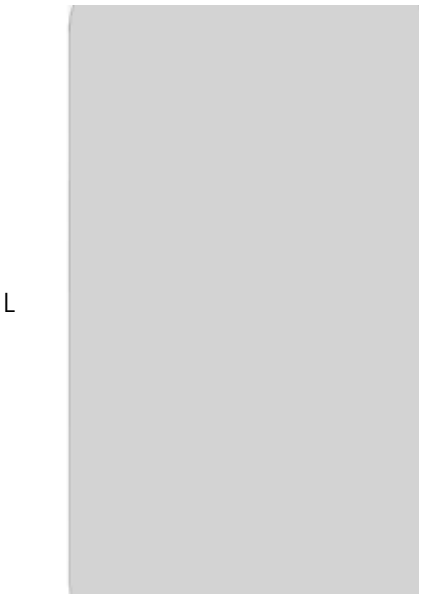
Key Features

- Fully fabric-wrapped
- High-density PET felt
- Modular rectangular formats
- Wide range of textile color options
- Lightweight and dimensionally stable

The series supports the full range of ALPHAcoustic-CL acoustic fabrics, enabling consistent visual integration across different interior environments. Panels are available in predefined dimensions for modular layouts, while custom sizing and mounting configurations can be developed for project-specific requirements.

The panels can be installed directly on walls or suspended from ceilings using an appropriate hanging system.

STANDARD PANEL MODELS



SonusFelt-Edge. TF is produced in a variety of standard sizes.

Standard panel dimentions: (L X W)
120 × 120 cm
120 × 60 cm
120 × 30 cm
60 × 60 cm

Standard thickness; 12 &,24 mm

Other shapes and dimensions are available upon request. The basic standard panels can be replicated to synthesize a variety of shapes.

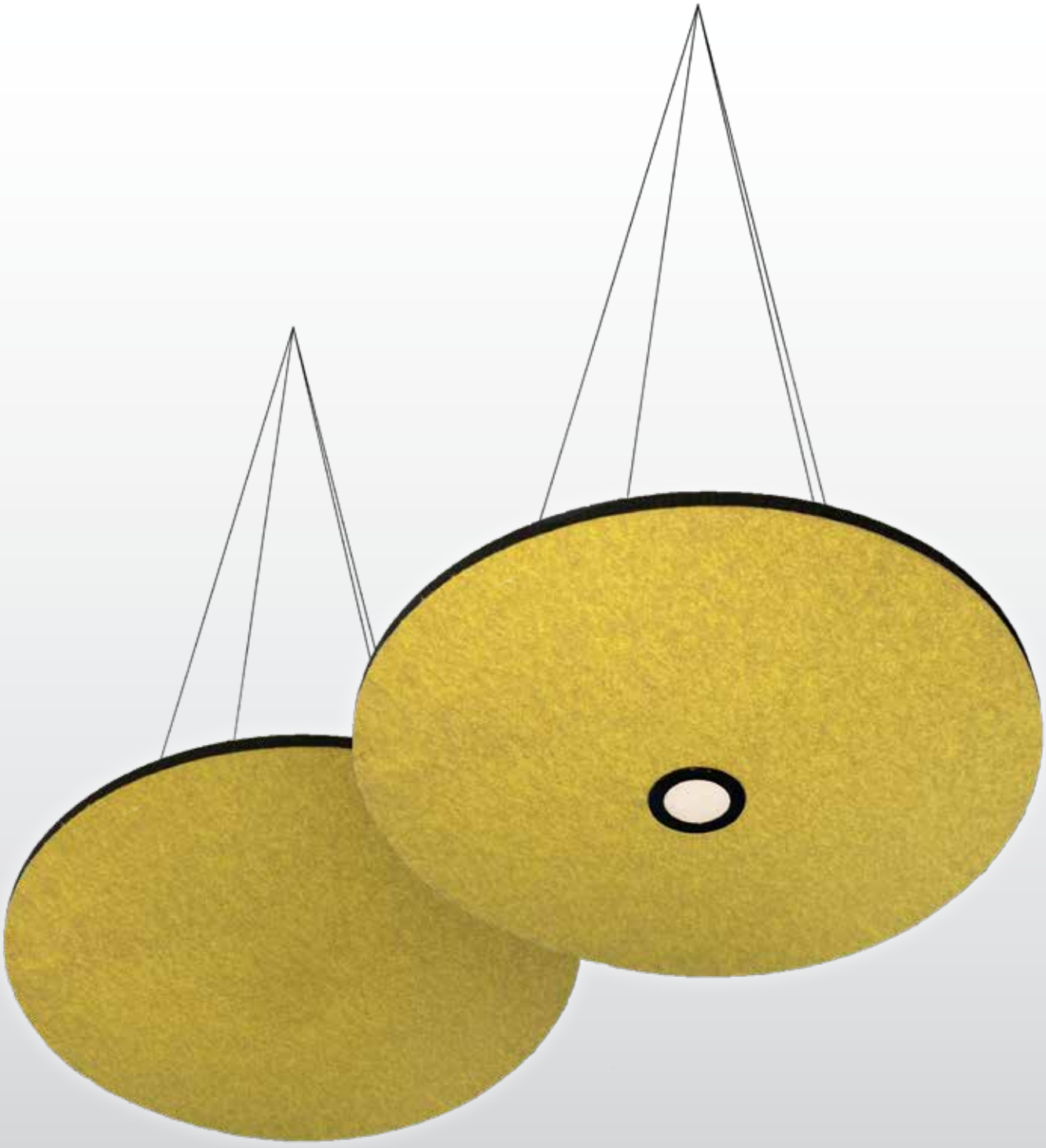
Optionally, a light source can be added on the acoustic panel to form acoustic lighting panels. This applies only in the case of suspended panels.

NOTE: Maximum panel size for 12 mm material thickness: 120 × 240 cm. Custom dimensions, fabric specifications, edge detailing, and mounting solutions can be developed upon request to meet specific acoustic and architectural requirements.

For detailed Technical and Acoustic Specifications of SONUSFelt, and Fabric selection, please refer to the corresponding specifications pages that follow.

Architectural Acoustics

Lighting



SonusFelt

#Kiklos

CIRCLE ACOUSTIC PANELS

3

DESCRIPTION

SonusFelt-Kiklos are circle form acoustic suspended panels, made of PET felt that are installed on the ceiling.

SonusFelt-Kiklos

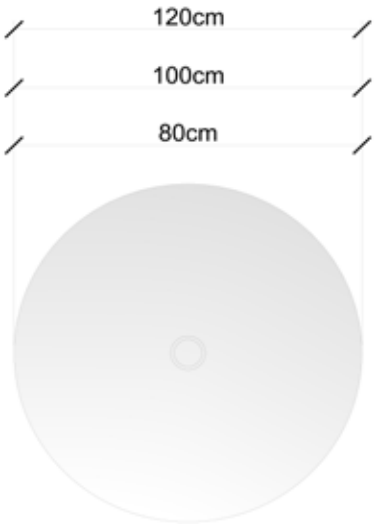
Key Features

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

The panels are available in two material variants:
SonusFelt-Kiklos.F, finished with a thin PET **F**ELT surface, and
SonusFelt-Kiklos.T, covered on both sides with a sound-transparent **T**extile fabric.
Both variants offer a broad range of color options.
These variants are offered in addition to the standard uncovered version.

Our flexible production capabilities allow us to develop tailor-made solutions.
In the acoustic felt and fabric versions, the core material is discreetly visible along the edges.

STANDARD PANEL MODELS



SonusFelt-Kiklos is produced in a variety of standard sizes.

Other shapes and dimensions are available upon request.

The basic standard panels can be replicated to synthesize a variety of shapes.

Every panels includes its hanging system with height regulation.

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

OPTIONAL LIGHT SPECIFICATIONS

SonusFelt-Kiklos.Fos can include an LED light that enhances both acoustics and illumination. Its design ensures long, maintenance-free operation with high energy efficiency. Lighting data:

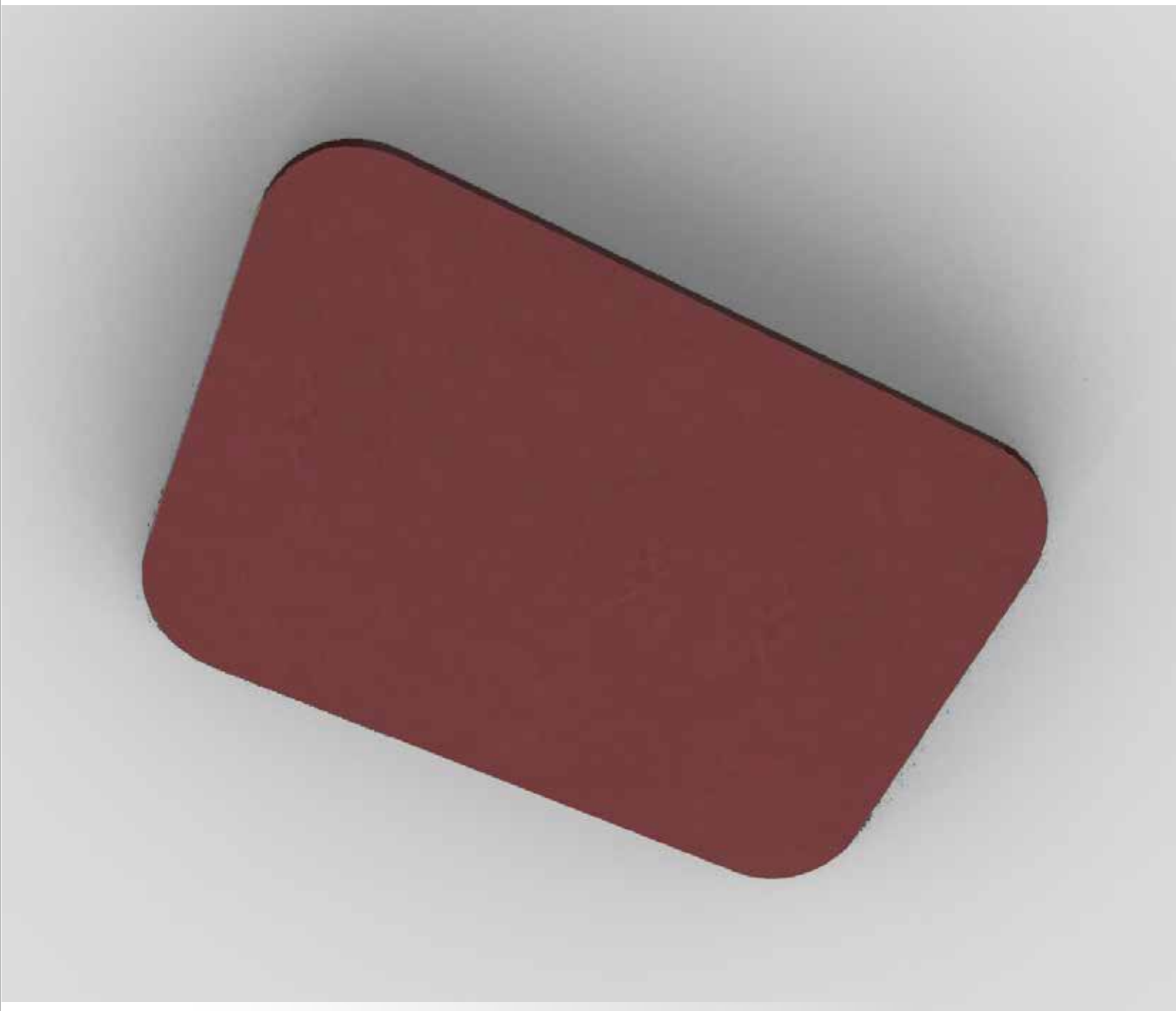
- Wattage per Lamp (W) 22
- Color temperature 4000 K (Cool White)
- Beam angle 120 °
- Luminous flux 1920 lm
- Luminous efficacy 90 lm/W
- Color rendering index (CRI) > 80

ALPHA ACOUSTIKI partners with a leading lighting company to deliver customizable lighting solutions.

NOTE: For detailed Technical and Acoustic Specifications of SONUSFelt, please refer to the corresponding specifications pages that follow.

Architectural Acoustics

Lighting



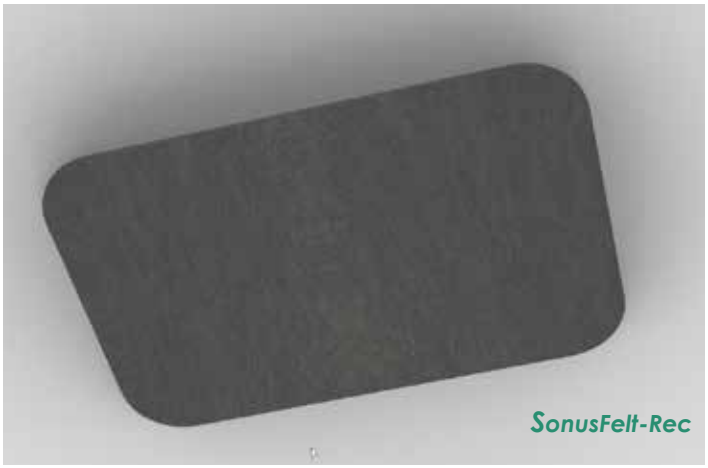
SonusFelt

#Rec 4

RECTANGLE ACOUSTIC PANELS

DESCRIPTION

SonusFelt-Rec are acoustic suspended panels, made of PET felt that are installed on the ceiling.



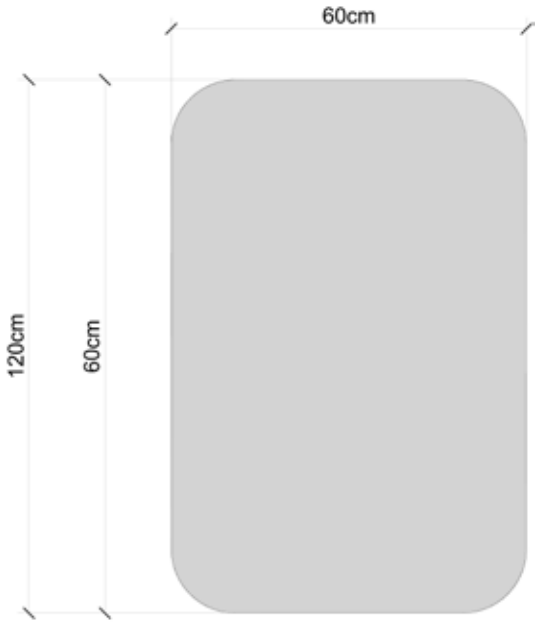
Key Features

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

The panels are available in two material variants:
SonusFelt-Rec.F, finished with a thin PET **F**ELT surface, and
SonusFelt-Rec.T, covered on both sides with a sound-transparent **T**extile fabric.
Both variants offer a broad range of color options.
These variants are offered in addition to the standard uncovered version.

Our flexible production capabilities allow us to develop tailor-made solutions.
In the acoustic felt and fabric versions, the core material is discreetly visible along the edges.

STANDARD PANEL MODELS



SonusFelt-Rec is produced in a variety of standard sizes.

Standard panel dimentions:
60X60cm
60X120cm

Other shapes and dimensions are available upon request.

The basic standard panels can be replicated to synthesize a variety of shapes.

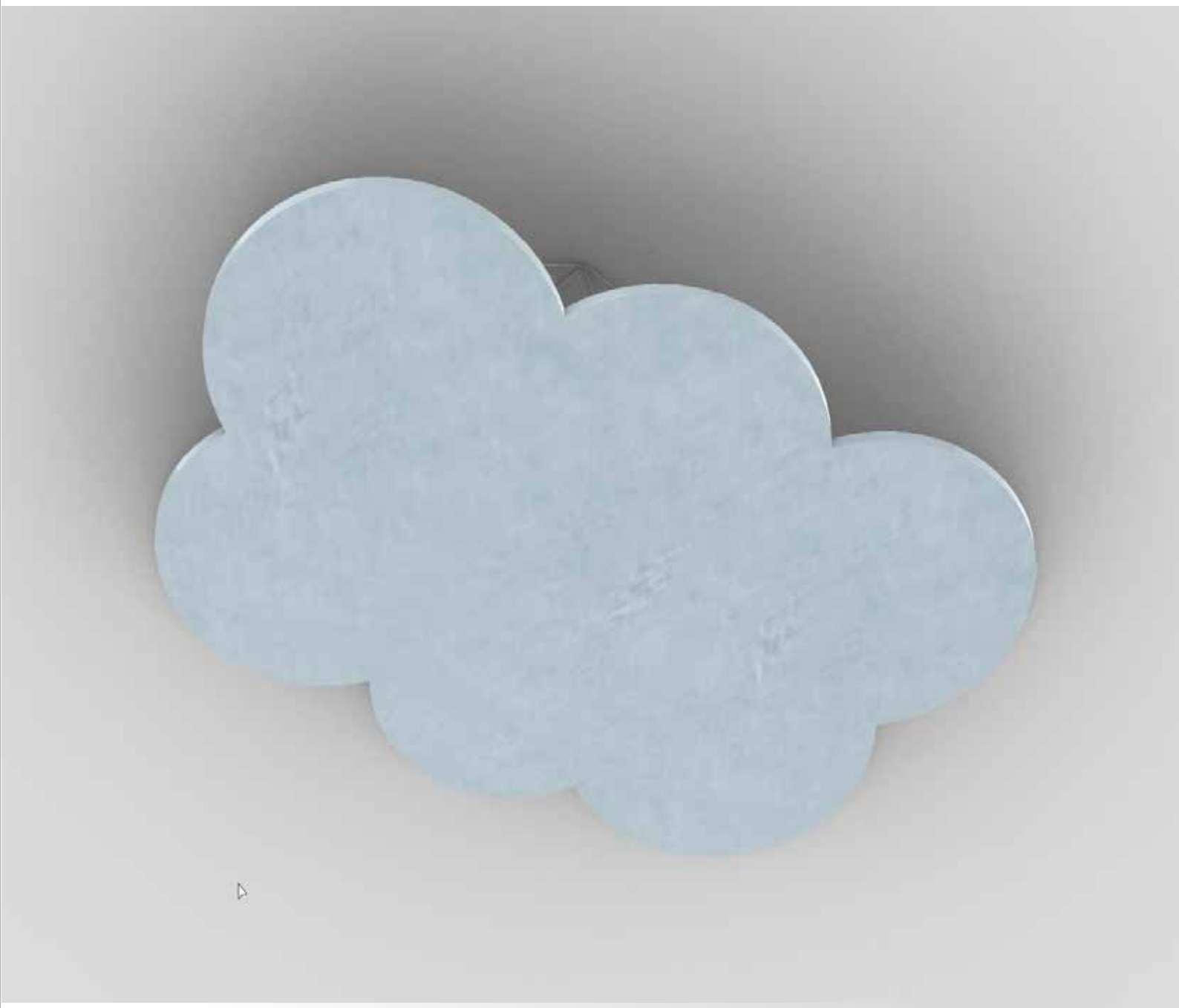
Every panels includes its hanging system with height regulation.

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

NOTE: For detailed Technical and Acoustic Specifications of SONUSFelt, please refer to the corresponding specifications pages that follow.

Architectural Acoustics

Lighting



SonusFelt

#Cloud 5

CLOUD ACOUSTIC PANELS

DESCRIPTION

SonusFelt-Cloud are acoustic suspended panels, made of PET felt that are installed on the ceiling.

Key Features

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

The panels are available in two material variants:
SonusFelt-Cloud.F, finished with a thin PET **F**ELT surface, and
SonusFelt-Cloud.T, covered on both sides with a sound-transparent **T**extile fabric.
Both variants offer a broad range of color options.
These variants are offered in addition to the standard uncovered version.

Our flexible production capabilities allow us to develop tailor-made solutions.
In the acoustic felt and fabric versions, the core material is discreetly visible along the edges.

STANDARD PANEL MODELS

SonusFelt-Cloud is produced in a variety of standard sizes.

Other shapes and dimensions are available upon request.

The basic standard panels can be replicated to synthesize a variety of shapes.

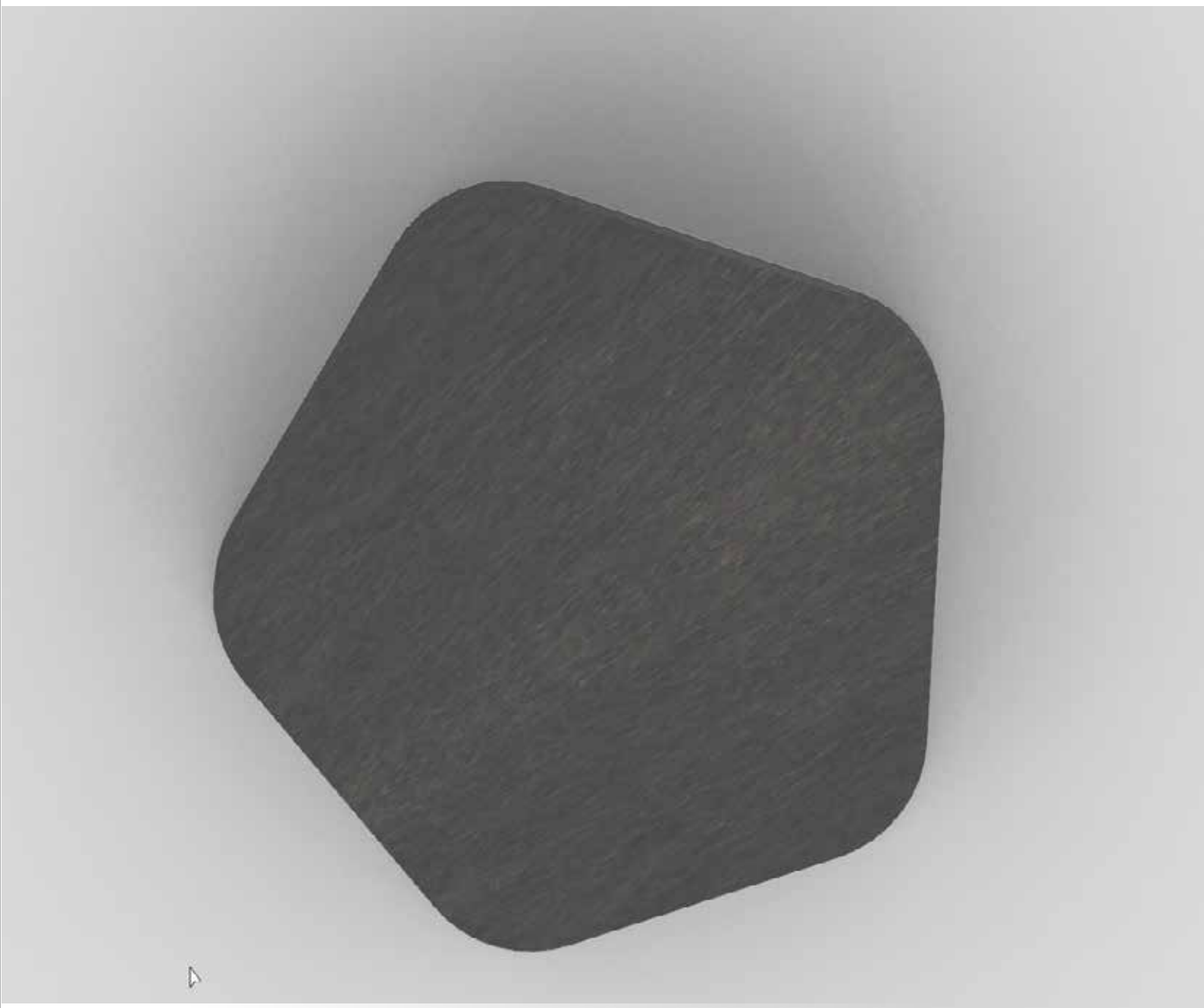
Every panels includes its hanging system with height regulation.

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

NOTE: For detailed Technical and Acoustic Specifications of SONUSFelt, please refer to the corresponding specifications pages that follow.

Architectural Acoustics

Lighting



SonusFelt

#Hexa 6

HEXAGON ACOUSTIC PANELS

DESCRIPTION

SonusFelt-Hexa are acoustic suspended panels, made of PET felt that are installed on the ceiling.

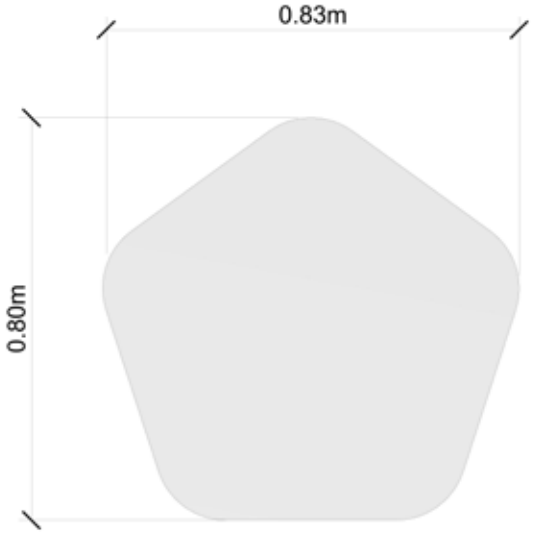
Key Features

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

The panels are available in two material variants:
SonusFelt-Hexa.F, finished with a thin PET **F**ELT surface, and
SonusFelt-Hexa.T, covered on both sides with a sound-transparent **T**extile fabric.
Both variants offer a broad range of color options.
These variants are offered in addition to the standard uncovered version.

Our flexible production capabilities allow us to develop tailor-made solutions.
In the acoustic felt and fabric versions, the core material is discreetly visible along the edges.

STANDARD PANEL MODELS



SonusFelt-Hexa is produced in a variety of standard sizes.

Other shapes and dimensions are available upon request.

The basic standard panels can be replicated to synthesize a variety of shapes.

Every panels includes its hanging system with height regulation.

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

NOTE: For detailed Technical and Acoustic Specifications of SONUSFelt, please refer to the corresponding specifications pages that follow.

Architectural Acoustics

Lighting

Special Edition

SonusFelt 7

#WoodSkin.Fly

PET FELT WOOD-EFFECT FLOATING ACOUSTIC PANELS

DESCRIPTION

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:

- Acoustic solution with a refined wood-surface presence
- Flexible shapes and sizes for architectural composition
- Tailored configurations highlighting natural wood expression

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

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.*.

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.

NOTE: For detailed Technical and Acoustic Specifications of SONUSFelt, please refer to the corresponding specifications pages that follow.

Architectural Acoustics

Special Edition

SonusFelt

#WoodSkin.Beams

8

ACOUSTIC BAFFLES & BEAMS WITH
THE WARMTH OF WOOD

DESIGN PHILOSOPHY

The SONUSFelt – **WoodSkin # BEAMS** embody the balance between natural warmth and engineered performance. By merging the authentic appearance of timber with the acoustic efficiency of PET felt, they transform ceilings into functional, sound-absorbing architectural elements.
Designed for modern interior environments which deliver both aesthetic harmony and acoustic comfort.

DESCRIPTION

Vertically suspended acoustic elements that combine the warmth of natural wood with the sound absorbing performance of felt. The outer surface features a high-resolution wood-grain print, faithfully replicating real timber texture and tone. An optional acoustic infill can be added to improve low-frequency absorption, ensuring balanced acoustic performance across the frequency range. Each baffle or beam comes with an integrated suspension system for effortless ceiling installation and precise alignment.

Perfect for these space

Suitable for architectural environments requiring both visual warmth and acoustic comfort, such as offices, restaurants, learning spaces, auditoria, hotels, and cultural venues.

Typical Dimensions

120 X 20 X 5 cm
120 X 7 X 5 cm

Other dimensions upon request.

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.)
- Circular-material composition 65% Eco-conscious PET fiber, fully recyclable
- Safe, non-toxic, non-allergenic, UV-stabilized
- Optional internal acoustic infill for enhanced absorption

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.*.

NOTE: For detailed Technical and Acoustic Specifications of SONUSFelt, please refer to the corresponding specifications pages that follow.

Architectural Acoustics

SonusFelt

#Baffles 9

VERTICAL ACOUSTIC PANELS

ACOUSTIC CEILING FELT BAFFLES

SonusFelt-Baffles are acoustic vertical suspended panels, made of PET felt that can be produced in various shapes, designs and sizes.

SonusFelt-Baffles

- Architectural freedom of form
- Lightweight elements for effortless suspension
- Seamless ceiling integration
- Custom configurations per project

The panels are available in two material variants:

SonusFelt-Baffles.F, finished with a thin PET **F**ELT surface, and
SonusFelt-Baffles.T, covered on both sides with a sound-transparent **T**extile fabric.
Both variants offer a broad range of color options. These variants are offered in addition to the standard uncovered version.

Our flexible production capabilities allow us to develop tailor-made solutions. In the acoustic felt and fabric versions, the core material is discreetly visible along the edges. For the ORTHO Baffles configuration, the panels can also be produced with a full textile wrap using one of our acoustic fabrics providing a continuous, fabric-covered finish on all sides (TF type).

STANDARD PANEL MODELS

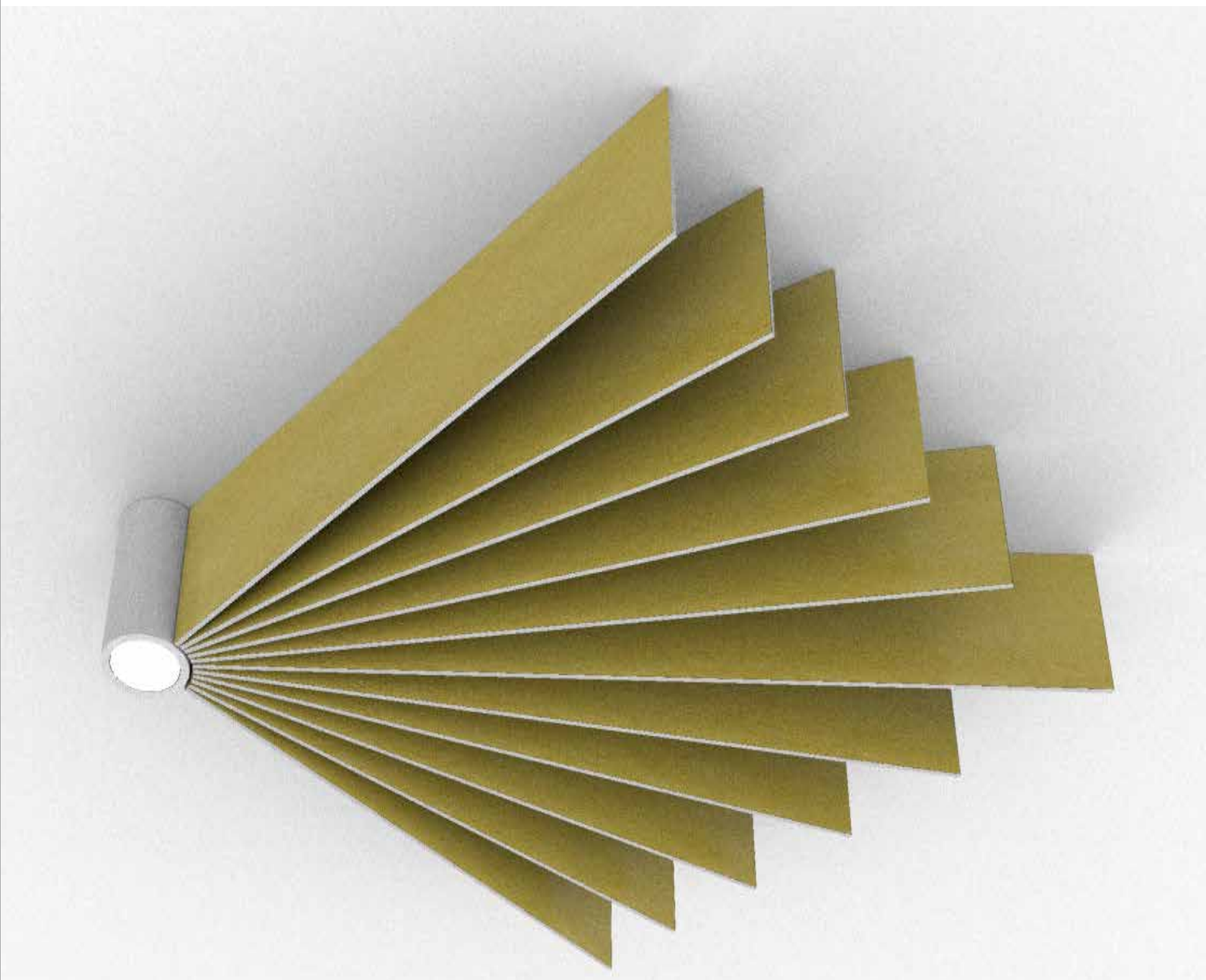
Visual	Type	Dimensions (cm)
	Baffle Curve	240 x 30 (Max.) 120 x 20 (Max.)
	Baffle Ortho	240 x 20/30 120 x 20/30
	Baffle Arch	240 x 25 (Max.) 120 x 25 (Max.)
	Baffle Corner	240 x 30 (Max.) 120 x 20 (Max.)
Maximum Length = 240 for all shapes.		

SonusFelt-Baffles are produced in a variety of standard shapes. Other shapes and dimensions upon request. Every composition includes its hanging system.

NOTE: For detailed Technical and Acoustic Specifications of SONUSFelt, please refer to the corresponding specifications pages that follow.

Architectural Acoustics

Lighting



SonusFelt

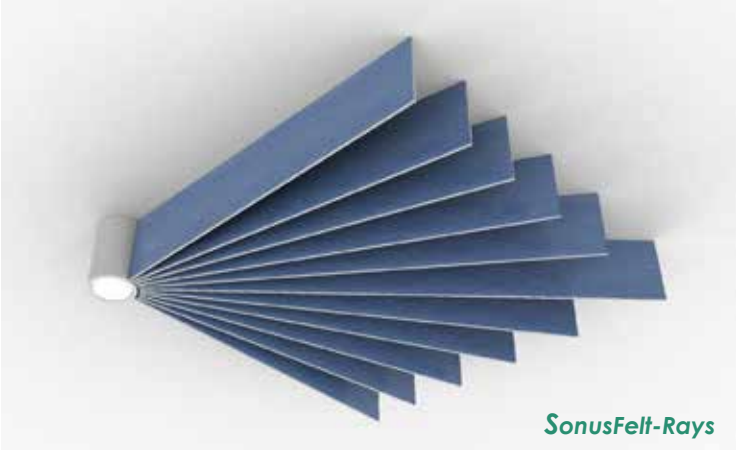
#Rays

RADIAL VERTICAL ACOUSTIC PANELS

10

ACOUSTIC CEILING RAY FELT BAFFLES

SonusFelt-Rays are acoustic vertical suspended baffles, made of PET felt that are installed in a ray shape around a central spot.



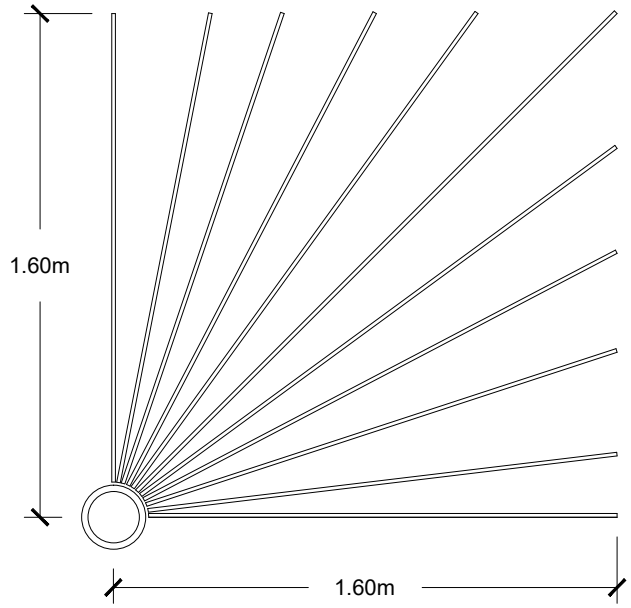
SonusFelt-Rays

- Original, aesthetic acoustic solution
- Versatility of shapes/combinations
- Tailored to your needs

The panels are available in two material variants:
SonusFelt-Rays.F, finished with a thin PET **F**ELT surface, and
SonusFelt-Rays.T, covered on both sides with a sound-transparent **T**extile fabric.
Both variants offer a broad range of color options.
These variants are offered in addition to the standard uncovered version.

Our flexible production capabilities allow us to develop tailor-made solutions.
In the acoustic felt and fabric versions, the core material is discreetly visible along the edges.

STANDARD MODULE



SonusFelt-Rays is produced in standard modules.

Other shapes and dimensions are available upon request.

Dimensions: 160X160cm
Height: 30cm

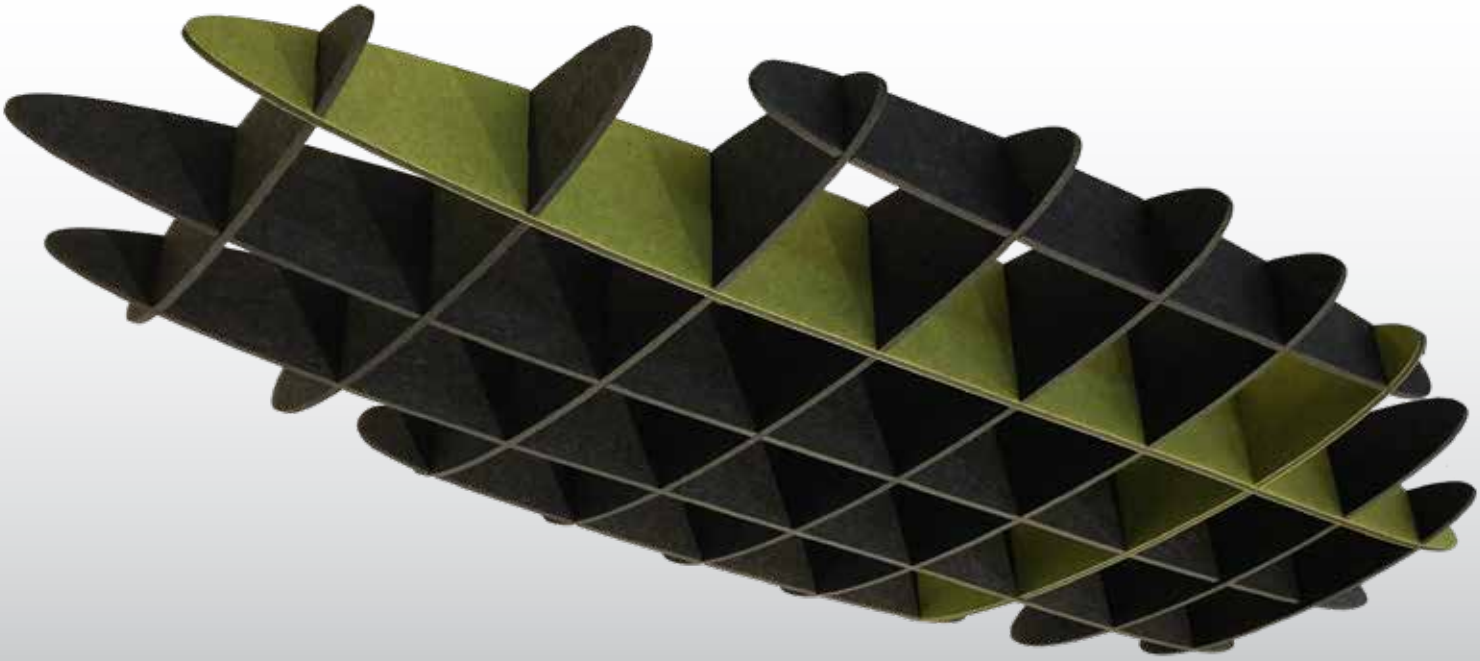
The basic standard module can be replicated to synthesize a variety of shapes.

Every composition includes its hanging system.

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

NOTE: For detailed Technical and Acoustic Specifications of SONUSFelt, please refer to the corresponding specifications pages that follow.

Architectural Acoustics



SonusFelt

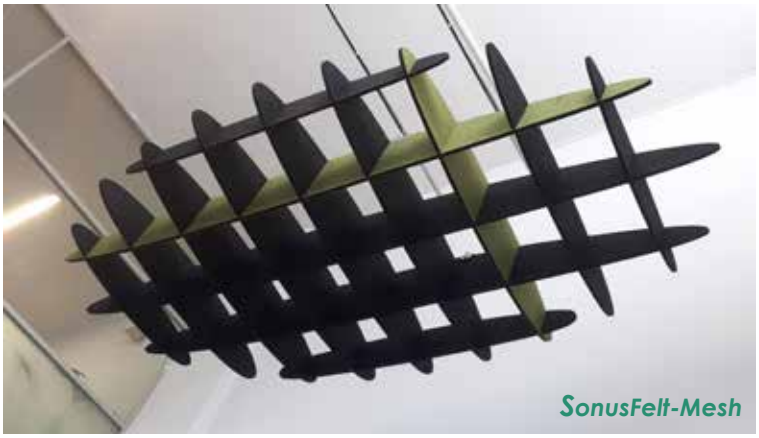
#Mesh

GRID FORM ACOUSTIC PANELS

11

ACOUSTIC CEILING FELT MESH

SonusFelt-Mesh are acoustic vertical suspended panels, made of PET felt that can be produced in various shapes and sizes.

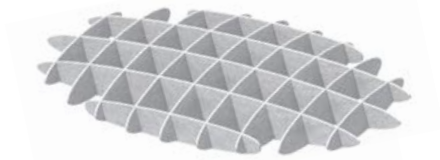
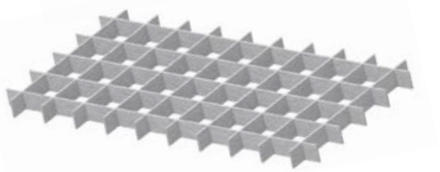
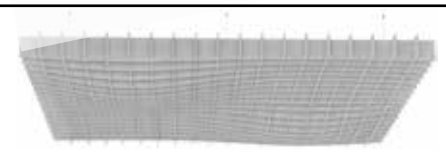


- Unique aesthetic option
- Easy to install
- Lightweight and visually open
- Available in multiple mesh patterns and design variations

The panels are available in two material variants:
SonusFelt-Mesh.F, finished with a thin PET **F**ELT surface, and
SonusFelt-Mesh.T, covered on both sides with a sound-transparent **T**extile fabric.
Both variants offer a broad range of color options.
These variants are offered in addition to the standard uncovered version.

Our flexible production capabilities allow us to develop tailor-made solutions.
In the acoustic felt and fabric versions, the core material is discreetly visible along the edges.

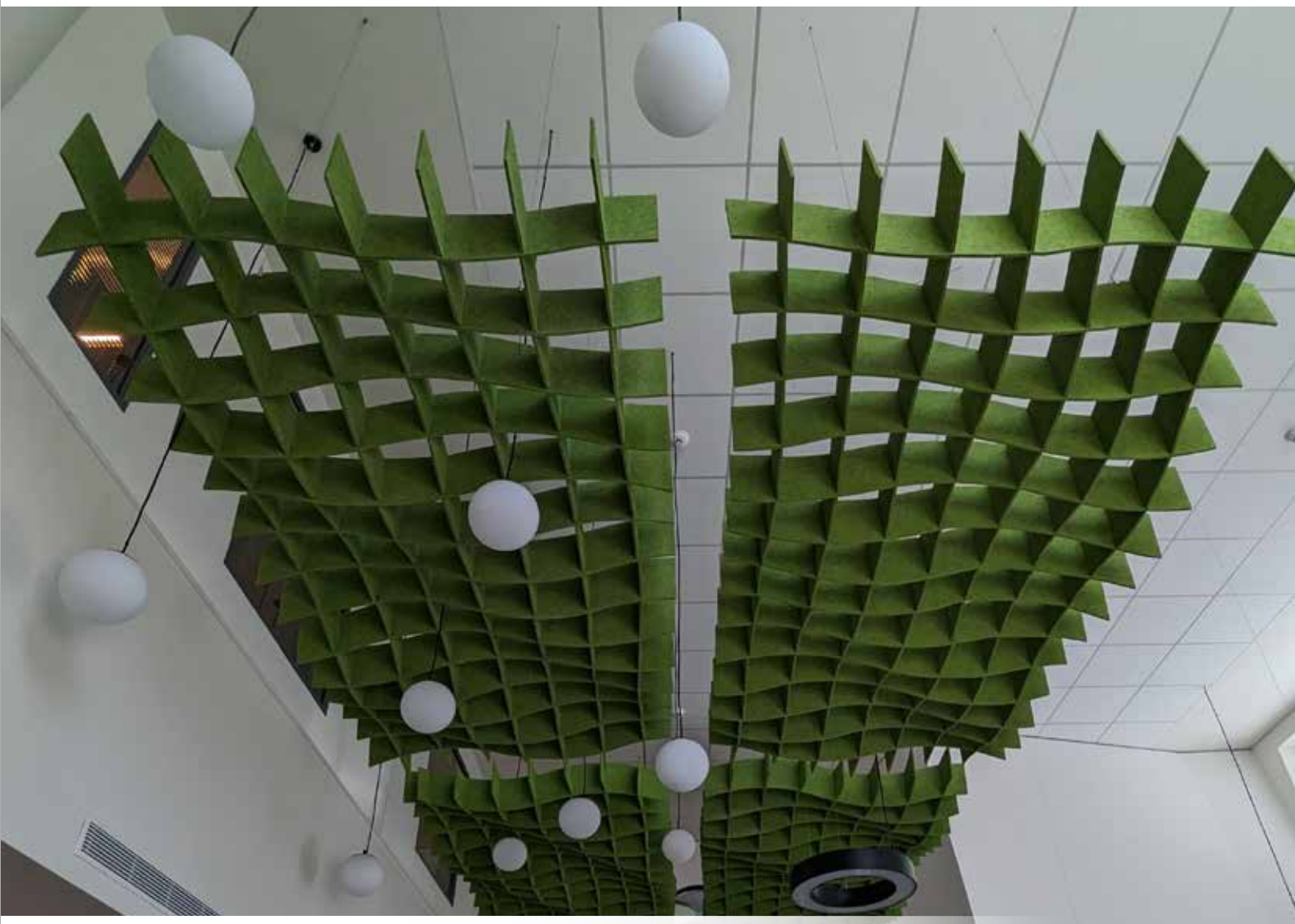
STANDARD PANEL MODELS

3D Visual	Type	Dimensions (cm)
	Mesh Round	120 x 120 x 24 (Max.) 120 x 120 x 24 (Max.)
	Mesh Oval	240 x 120 x 24 (Max.)
	Mesh Rectangle	240 x 120 x 24
	Mesh Wave	240 x 240 x 26 (Max.)

SonusFelt-Mesh are produced in a variety of standard shapes. Other shapes and dimensions upon request. Every composition includes its hanging system with height regulation.

NOTE: For detailed Technical and Acoustic Specifications of SONUSFelt, please refer to the corresponding specifications pages that follow.

Architectural Acoustics



SonusFelt

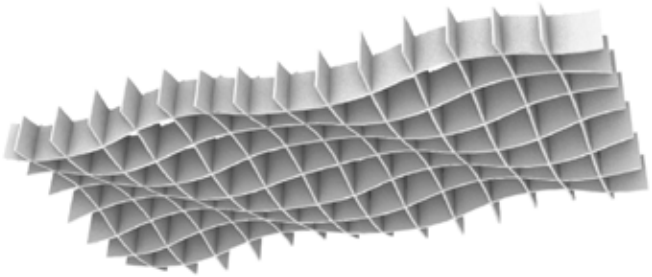
#Structure

3D MESH FORM ACOUSTIC PANELS

12

ACOUSTIC CEILING FELT MESH

SonusFelt-Structure are acoustic vertical suspended panels, made of PET felt in wave 3D mesh form.



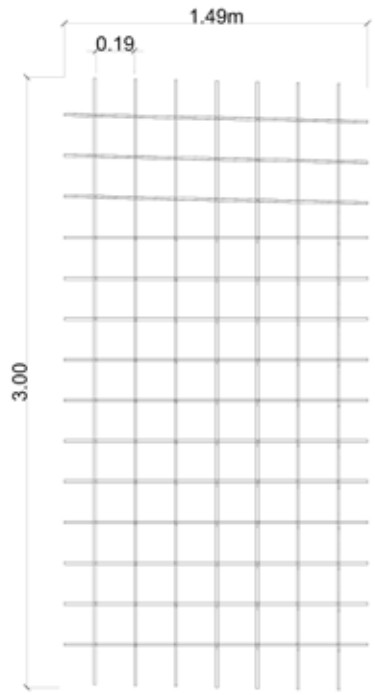
- High sound asorption
- Unique aesthetic option
- Easy to install
- Expandable design

SonusFelt-Structure

The panels are available in two material variants:
SonusFelt-Structure.F, finished with a thin PET **F**ELT surface, and
SonusFelt-Structure.T, covered on both sides with a sound-transparent **T**extile fabric.
Both variants offer a broad range of color options.
These variants are offered in addition to the standard uncovered version.

Our flexible production capabilities allow us to develop tailor-made solutions.
In the acoustic felt and fabric versions, the core material is discreetly visible along the edges.

STANDARD PANEL MODELS



SonusFelt-Structure is produced in standard modules.

Other shapes and dimensions are available upon request.

After mutual cooperation, the R&D department of our company can design different forms of Structure that will cover your aesthetic needs.

The basic form of Structure can be combined with multiple repetitions in various combinations.

Every composition includes its hanging system with height regulation.

Standard height: 30cm max

NOTE: For detailed Technical and Acoustic Specifications of SONUSFelt, please refer to the corresponding specifications pages that follow.

Architectural Acoustics

SonusFelt 13

#AM

SELF-STANDING ACOUSTIC PARTITIONS

DESCRIPTION

Sonus Felt-AM are free-standing acoustic partitions made of PET felt, produced from recycled bottles. Their slim, minimal design makes them ideal for open-plan offices, providing acoustic comfort in busy work environments.

Sonus Felt-AM.26

- Simple and efficient installation
- Safe, non-toxic, non-irritant and non-allergenic
- Eco-friendly material composition
- Stable polyester-fiber structure

Standard dimensions:
120x180cm (WxH). Other dimensions upon request

Standard thickness:
14mm, 26mm (including the fabric thickness)

The panels stand independently without floor mounting and can be installed, removed, or repositioned easily for immediate space reconfiguration. Each panel is supported by two L-shaped metal legs finished with grey polyester paint, requiring no mechanical fixing.

They enhance workspace acoustics by improving sound diffusion, absorption, and insulation while reducing standing waves. The surfaces are covered with sound-transparent fabric in various colors, and the core is made of compressed eco-conscious PET felt.

APPLICATIONS

Sonus Felt-AM can be applied at "open plan" spaces to visually and acoustically seperate different parts of the room. For example, they can be applied at accounting offices, call centers etc, where phone communincations frequently occur, to reduce the disturbance of neighboring employees.

Sonus Felt-AM.26

Sonus Felt-AM.14

NOTE: For detailed Technical, Acoustic Specifications and woolen fabric color selection, please refer to the corresponding specifications pages that follow.

Architectural Acoustics

SonusFelt

#Desk

ACOUSTIC DESK PANELS

14

ACOUSTIC DIVIDERS FOR DESKS

SonusFelt-Desk are PET-felt desk dividers made from recycled bottles, offering acoustic absorption and visual separation between workstations in open-plan environments.

SonusFelt-Desk

They are available in PET-felt or wool-fabric finishes, with colors selected to match project requirements. Custom dimensions and configurations are available on request. For a more uniform and refined appearance, the panels can be fully lined with ALPHAcoustic CL-WF pure wool fabrics.

STANDARD PANEL MODELS

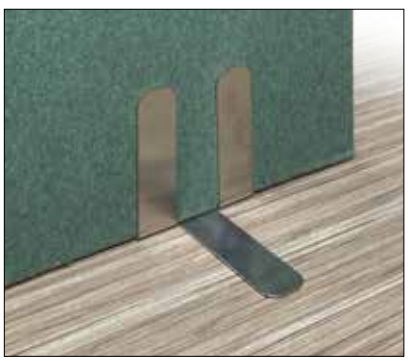
Visual	Type	Dimensions WxH (cm) Thickness:14mm
	A	160X46
	B	120X46
	C	75X46

SonusFelt-Desk are produced in three standard sizes. Other shapes and dimensions are available upon request. Every panel includes its desk mounting system.

ACCESSORIES

Panels are supplied with a complete mounting system.
Type A: satin stainless-steel brackets providing screw-less panel retention; compatible with desk thickness up to 30 mm.
Type B: double-sided brackets for free-standing intermediate partitions, also screw-less in appearance.

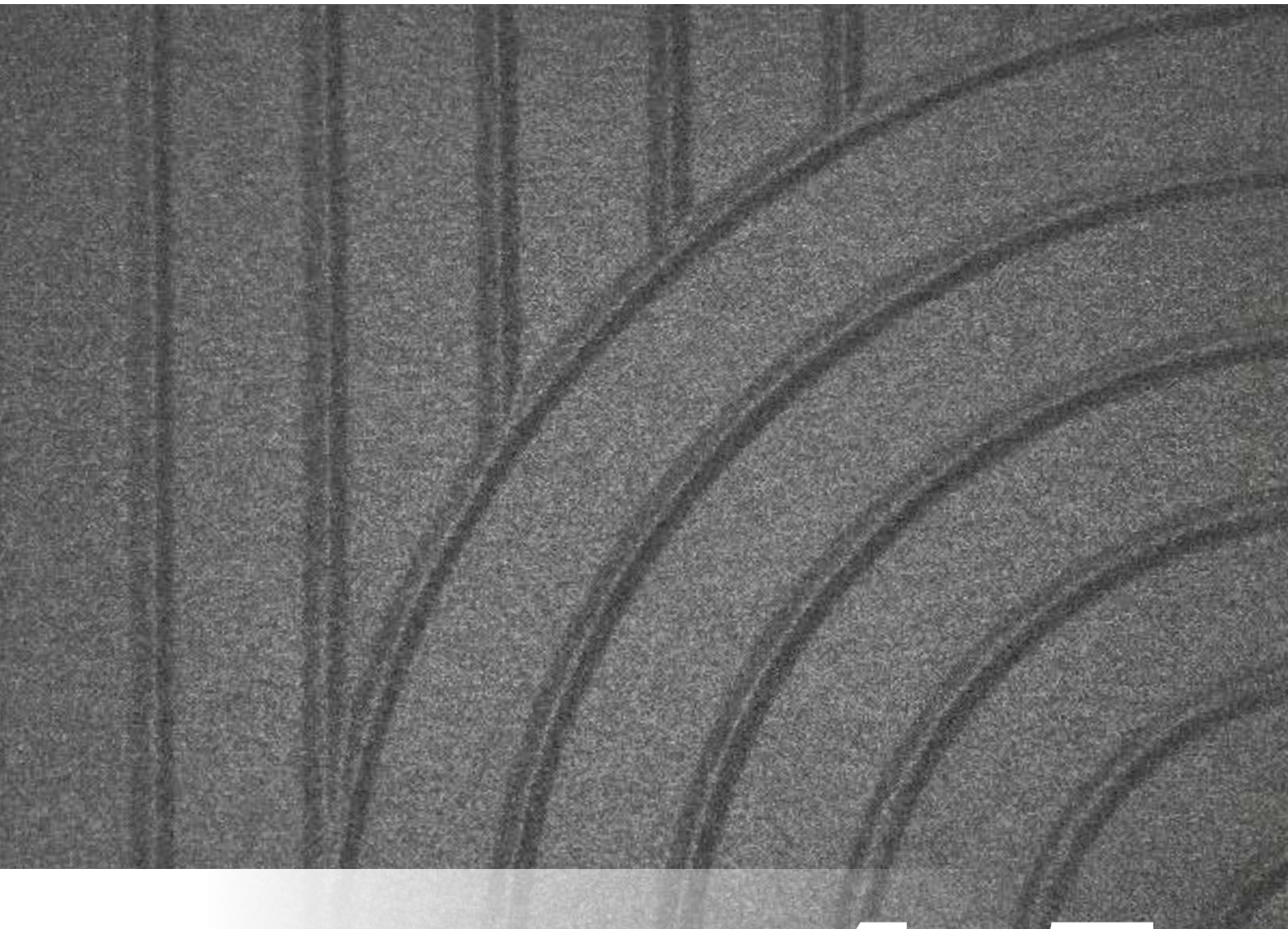
Type A



Type B

NOTE: For detailed Technical, Acoustic Specifications and woolen fabric color selection, please refer to the corresponding specifications pages that follow.

Architectural Acoustics



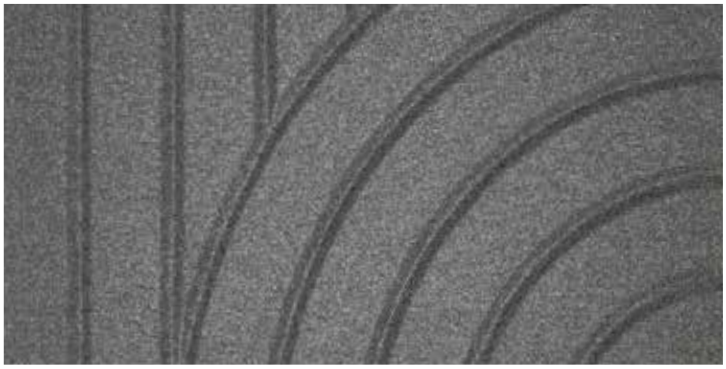
SonusFelt 15

#Motif

PET FELLT GROOVED ACOUSTIC PANELS

DESCRIPTION

SonusFelt-Motif are rectangle acoustic panels, grooved in a variety of patterns, made of PET felt. They are designed to be installed as a on walls, ceilings and other surfaces as a cladding or forming an artwork.



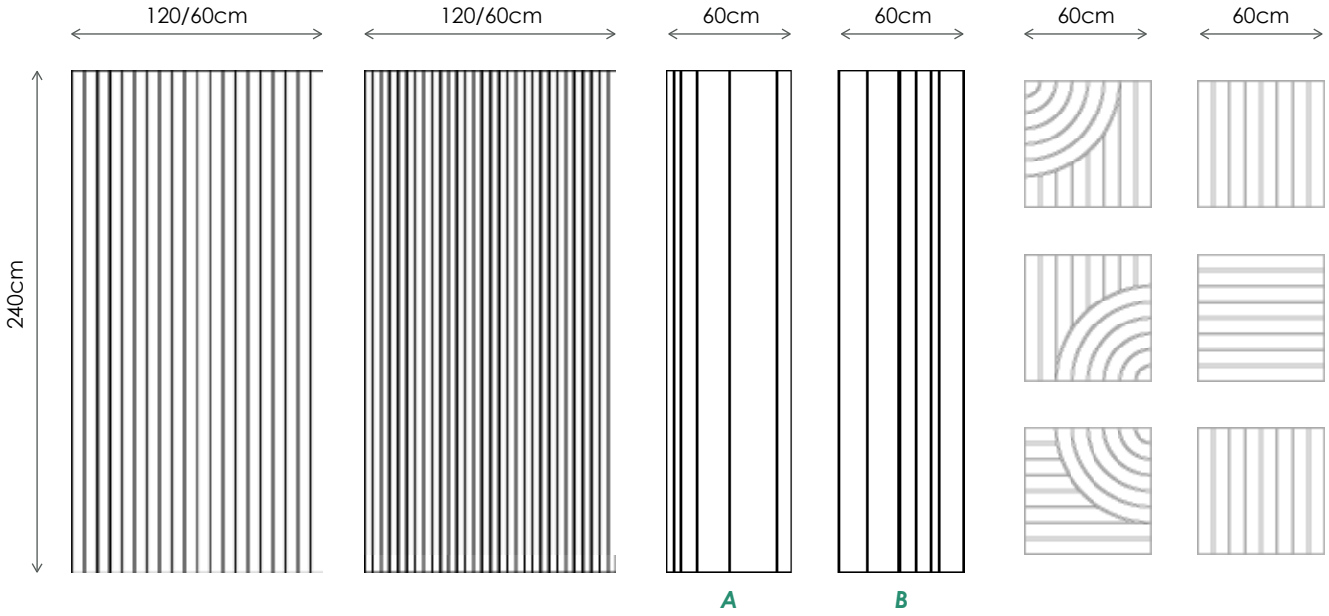
SonusFelt-Motif.Radial

- Minimal, aesthetic acoustic solution
- Versatile patterns, combinations & sizes
- Easy to install
- Safe, non-toxic, non-irritant and non-allergic
- ECO friendly

The panels can have either a PET felt finish, be covered on their main side with a special sound transparent fabric offering a wide range of color options and textures.

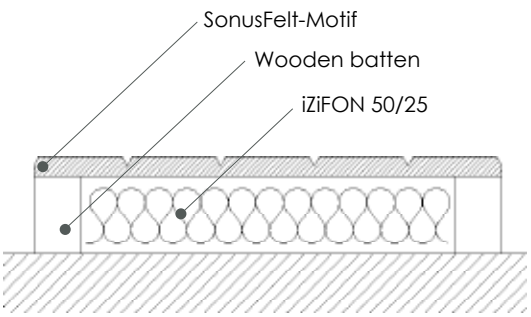
Having the flexibility in the production and the processing technology of the panels, we can create tailor made products based on your pattern ideas and size needs.

STANDARD PANEL MODELS



SonusFelt-Motif are produced in a variety of standard groove patterns. Other shapes, dimensions and patterns are available upon request with minimum order quantity.

INSTALLATION



Panels can be applied directly on the wall or ceiling with magnetic spray glue or using headless nails.

For improved sound absorbtion the panels can be installed in front of a layer of thick sound absorbing material such as iZiFON 50/25.

Please contact out technical department at tech@alphacoustic.com for advice on the most suitable installation method for your application.

*Sonus*Felt-*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.

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 COLLECTION

CORE MATERIAL
TECHNICAL & ACOUSTIC PERFORMANCE

CORE MATERIAL

SonusFelt is a lightweight, semi-rigid acoustic panel made from 100% polyester fiber, offering reliable sound absorption and broad design versatility.
It contains a minimum of 65% post-consumer PET bottle-flake, is fully recyclable, safe, non-toxic, non-allergenic, and UV-stabilized for long-term performance.

Each square meter of SONUSFELT 12 mm gives a second life to more than 70 large PET bottles.

Through advanced recycling and fiber-bonding technology,these bottles are transformed into a premium acoustic panel.

ACOUSTIC DATA

The estimated weighted sound absorption coefficient expressed per square meter is $\alpha_w = 0.45\text{-}0.85$ according to ISO.11654.1997 depending on the thickness and product configuration.

TECHNICAL SPECIFICATIONS - CORE

Product Type:	PET fiber acoustic panels
Material:	100% polyester fiber, 65% Eco-conscious
Thickness:	12 mm (other thickness upon request)
Density:	190 kg/m^3
Core Color:	Black, as standard, more options available with M.O.Q.
Technics:	Does not contain any Red List building materials
Feature:	Safe, non-toxic, non-irritant and non-allergic
Fire Retardancy:	MVSS 301 and/or B2,s2,d0 According to EN13501-1

SURFACE COVERING OPTIONS

SONUSFELT panels are available with two surface covering options:

SONUSFELT - F: Uses a thin PET **F**ELT overlay, offering an expanded range of color options.

SONUSFELT - T: Applies a sound-transparent **T**extile covering on both sides for a woven surface expression.

Both coverings are offered in an extensive range of colors, with the available palettes shown on the following pages.

For further technical support or additional information, please contact our technical department at tech@ALPHAcoustic.com

Architectural Acoustics

SonusFelt Wool 16

Premium Wool Collection

SonusFelt-Wool.Diviso

SonusFelt-Wool.Diviso is a suspended acoustic divider system made of specially treated ***SonusFelt. Wool*** Felt. It is designed to provide varied degrees of privacy and flexible light space division with visual and acoustic separation while keeping the open space feeling.

- Natural fibers
- Safe, non-toxic, non-irritant and non-allergic
- ECO friendly
- Wool-based material with moisture-regulating properties

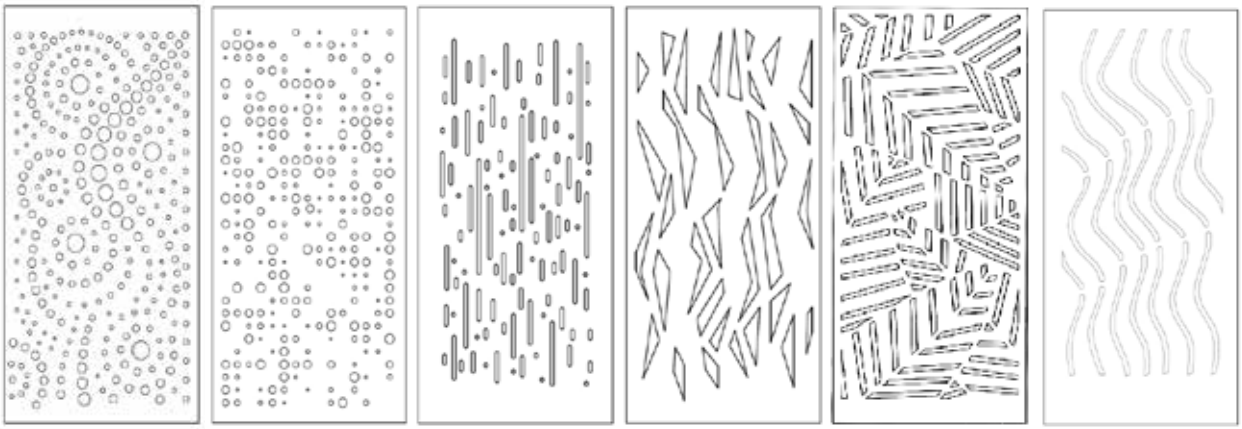
The dividers are available in various shapes and sizes.

When finished in wool felt, the panels further enhance acoustic comfort by reducing noise reflections and resonance, contributing to a quieter and more controlled workspace.

Each panel is fitted with two aluminium suspension assemblies mounted along the top edge, incorporating adjustable wire cables for precise height regulation during ceiling installation.

STANDARD MODELS

Standard dividers are available as plain or perforated, with the following typical perforation patterns:



Spiral ***Spora*** ***Drops*** ***Fracta*** ***Leaf*** ***Flow***

The standard divider sizes are: 73 x 240 cm & 145 x 240 cm

More shapes and sizes can be produced upon request.

SLIDING DIVIDER IDEAS

Upon request, a railing system is installed on the top part to create sliding acoustic dividers. This is an efficient solution in order to quickly open and close off area for more adaptability.

SonusFelt-Wool.Wall is a new series of acoustic creations made of specially treated ***SonusFelt.Wool*** Felt. This natural acoustic product is made of Circular-material wool fibers and can be used in a wide range of applications.

- Natural fibers
- Safe, non-toxic, non-irritant and non-allergic
- ECO friendly
- Wool-based material with moisture-regulating properties

The product line includes acoustic rolls for large-area coverage and panels in various shapes. Panels are available in multiple sizes, with optional self-adhesive backing for simplified installation. Suitable for walls, ceilings, and furniture, they can also be customized to project requirements.

Wool felt versions reduce noise reflections and resonance, improving overall acoustic comfort.

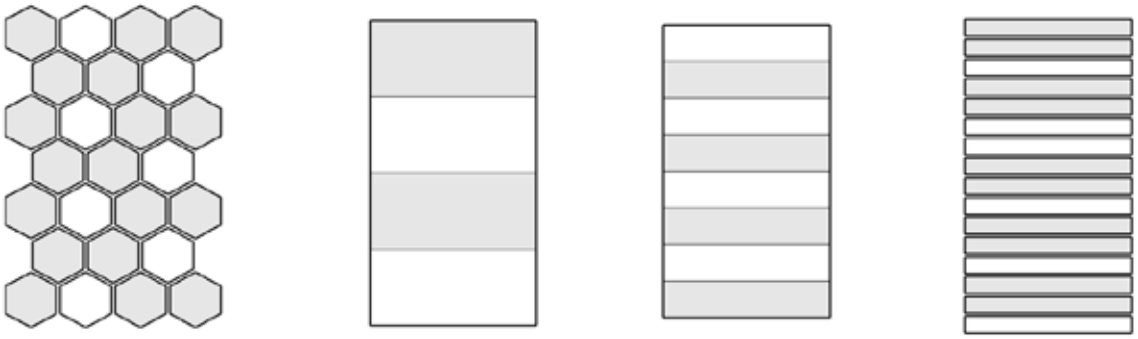
STANDARD MODELS

Acoustic rolls

They are available in an uncut roll form for covering large surfaces such as a whole wall for a seamless and minimal aesthetic. They are produced in 1.5m max width.

Acoustic panels

They are produced in a variety of shapes and sizes. Below there are some typical shapes:



More shapes can be produced upon request.

SHAPE IDEAS

By imitating the shape of a Ginkgo leaf we are able to create various combinations, blending Japanese tradition with a contemporary European perspective.

Optional self adhesive back side

SonusFelt

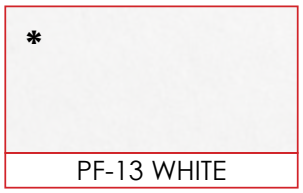
Material finish selections

PET AND WOOL EXTERIOR FINISH OPTIONS

17

SURFACE & CORE COLOR COLLECTION

PET FELT CORE - COLOR COLLECTION


PF-13 WHITE *

PF-02 LIGHT GREY *

PF-14 DARK GREY *

PF-08: BLACK

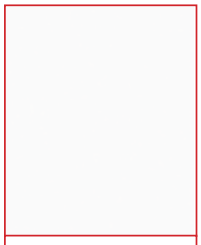
* These colors are upon request with MOQ.

FELT FINISH ON PET FELT (TYPE F)-COLOR COLLECTION

FM 01

FM 02

FM 03


FM 04

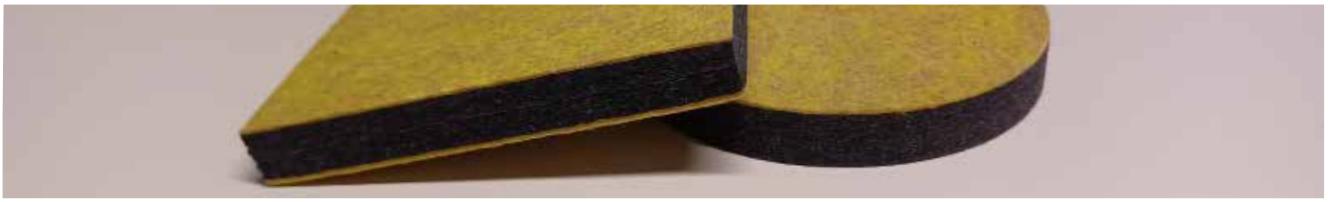
FM 05

FM 06

The SONUSFelt core panels can be finished on both sides with the F (Felt) surface in the colors shown here. The combination of the colored Felt finish with the visible core creates a linear, architectural expression, adding depth and a distinctive visual identity to the panel.

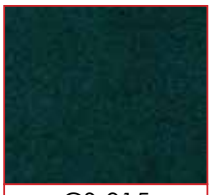
ACOUSTIC TEXTILE FINISH ON PET FELT (TYPE T)-COLOR COLLECTION

Upon request and for a certain quantity, both vertical sides covered with special acoustic fabric from Camira Sonus fabric collection. The core color black is visible at the edge sides of the products.



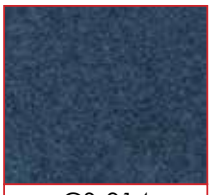
CS-001

CS-012

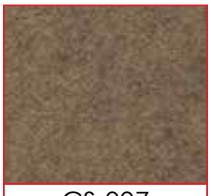

CS-015

CS-008

CS-006

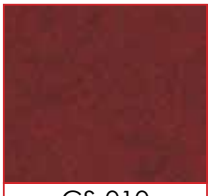

CS-014

CS-016


CS-007

CS-009

CS-017


CS-010

CS-013

WOOL FABRIC FINISH COLOR COLLECTION

WOOL FABRIC COVER COLLECTION ***(FOR DESK & AM DIVIDERS ONLY)***

The **ALPHAcoustic-CL.WF** collection offers a wide range of natural wool fabric colors, engineered for acoustic performance. These fabrics are specifically designed and available only as covers for the ***SonusFelt-Desk & AM***.

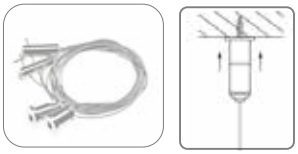
MAINTAINANCE

Vaccum regularly. Wipe clean with a damp cloth or shampoo using proprietary upholstery shampoo.

NOTE:

Photographic fabric scans are not color accurate. Always request actual fabric samples before ordering.

HANGING SYSTEM



Included hanging system:

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

CORE WOOL MATERIAL (FOR DIVISO ONLY)

SonusFelt.Wool is a lightweight natural wool felt with sound-absorbing properties, offering a higher-quality alternative to PET felt with similar aesthetics.
It can be used as a base material for various design applications.
Made from rapidly renewable wool fibers, it is biodegradable and contributes to LEED® and BREEAM certifications.

Wool naturally provides acoustic absorption, durability, antimicrobial behavior, low air resistance, and humidity regulation.

Wool fibers naturally have properties such as: acoustic absorbment, durability, antimicrobial, low air resistance, humidity regulating.

ACOUSTIC CHARACTERISTICS

Due to its low air resistance and natural sound-absorbing properties,

SonusFelt-Wool provides effective acoustic performance across a wide frequency range.
A 3.5 mm wool felt panel achieves a weighted sound absorption coefficient of α_w = 0.45 (ISO 354:2003, ISO 11654:1997) when tested with a 20 cm air gap.

When combined with additional absorbers, such as 50 mm polyester slabs or mineral wool backing, the system can reach α_w = 1.00 (Sound Absorption Class A).

TECHNICAL SPECIFICATIONS

Product Type:	Plain and perforated Acoustic Dividers
Material:	90% Wool, 10% polyester fiber
Thickness:	3.5mm, 5.5mm, 6.5mm
Density:	550 gr/m^2 , 800 gr/m^2 , 1085 gr/m^2
Color:	48 color options
Technics:	Does not contain any Red List building materials
Feature:	Safe, non-toxic, non-irritant and non-allergic
Fire Retardancy:	Cigarette test, Match test, Class 1 IM
Sound absorption class:	B (varies with perforation pattern and final material thickness).

***As natural as possible**;*
sheep's wool,
a regenerative raw material

Wellness
Sheep wool has many natural properties that prove to be beneficial for our health, well-being and comfort. Wool products, for example, can offer UV protection, moisture control, thermal insulation, breathability, acoustics and the absorption of toxic chemicals into the atmosphere.
Main Environmental Frently, contains no formaldehyde, 100% VOC free, no chemical irritants, and free of harmful substances.

Air purification
The wool naturally repels dirt and naturally regulates indoor air humidity, while it is resistant to moths. Thus, sheep wool is a non-allergenic natural product. It can absorb up to a third of its weight in water and release it again. It is also able to filter formaldehyde from the air and transform it into harmless substances.

Naturally flame retardant
Natural wool is widely recognized as the most flame retardant. This property in terms of flame comes from the natural high content of nitrogen and water in its fiber. Because of this, wool requires higher levels of oxygen in the environment to burn.

ECO Biodegradation
Wool is made mainly of keratin, the same protein as human hair. The wool grows naturally in sheep, as our hair grows longer. Through biodegradation, microorganisms in soil or water dissolve matter and transform it (biodegradable matter). These microorganisms dissolve during their life cycle.

Antistatic
The wool retains its internal moisture, making it less prone to static electric charge. This is an important factor in the operation of an electrical / electronic equipment.

Color Variation Wool felt is a natural material and color variation is evidence of its natural origin. For this reason, the color codes of the product are only indicative. Variations in temperature and humidity can expand or contract the fibers affecting the size and shape of the felt.

Maintenance
Vacuum regularly. Wipe clean with a damp cloth or shampoo using proprietary upholstery shampoo.

NATURAL WOOL FELT COLOR COLLECTION

Premium Wool Collection

Explore the extensive palette of our **SonusFelt-Wool** collection and select the tones that best support your design intent.

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ALPHA ACOUSTIKI

45+years
In TUNE with YOUR needs

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We create workplaces where people choose to work, tailored to the specific requirements of each job, with particular attention to the acoustic necessities of the employee.

DESIGNING FOR WELL-BEING

SUSTAINABILITY
SEE OUR ACTIONS

GET IN TOUCH

ALPHA ACOUSTIKI S.A.
EUID ELGEMI: 004207401000

T: +30 210 6779875

info@ALPHAcoustic.com
www.ALPHAcoustic.com

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