

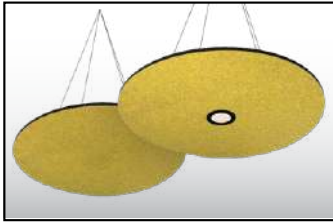


SONUSfelt

PET AND WOOL FELT ACOUSTIC PRODUCTS

Table of Contents

The acoustic product line **SonusFelt** is created utilising the sound-absorbing properties of PET felt and wool felt materials. It's aim is to offer minimal, sleek designs and a variety of colours.



1. SonusFelt#Kiklos

CIRCLE ACOUSTIC PANELS

4



2. SonusFelt#Rec

RECTANGLE ACOUSTIC PANELS

8



3. SonusFelt#Cloud

CLOUD ACOUSTIC PANELS

12



4. SonusFelt#Hexa

HEXAGON ACOUSTIC PANELS

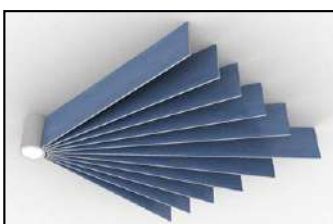
16



5. SonusFelt#Baffles

VERTICAL ACOUSTIC PANELS

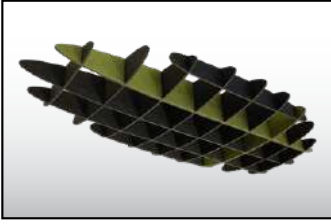
20



6. SonusFelt#Rays

RADIAL VERTICAL ACOUSTIC PANELS

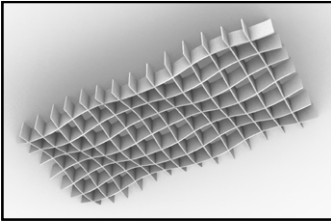
24



7. SonusFelt#Mesh

GRID FORM ACOUSTIC PANELS

28



8. SonusFelt#Structure

3D MESH FORM ACOUSTIC PANELS

32



9. SonusFelt#Diviso

ACOUSTIC SUSPENDED DIVIDERS

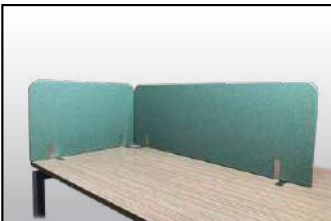
36



10. SonusFelt#AM

SELF-STANDING ACOUSTIC PARTITIONS

40



11. SonusFelt#Desk

ACOUSTIC DESK PANELS

44

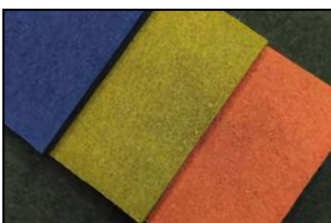


12. SonusFelt–Wool

ACOUSTIC WOOL ROLLS, PANELS AND DIVIDERS

Premium Wool Collection 

48



Color Collections

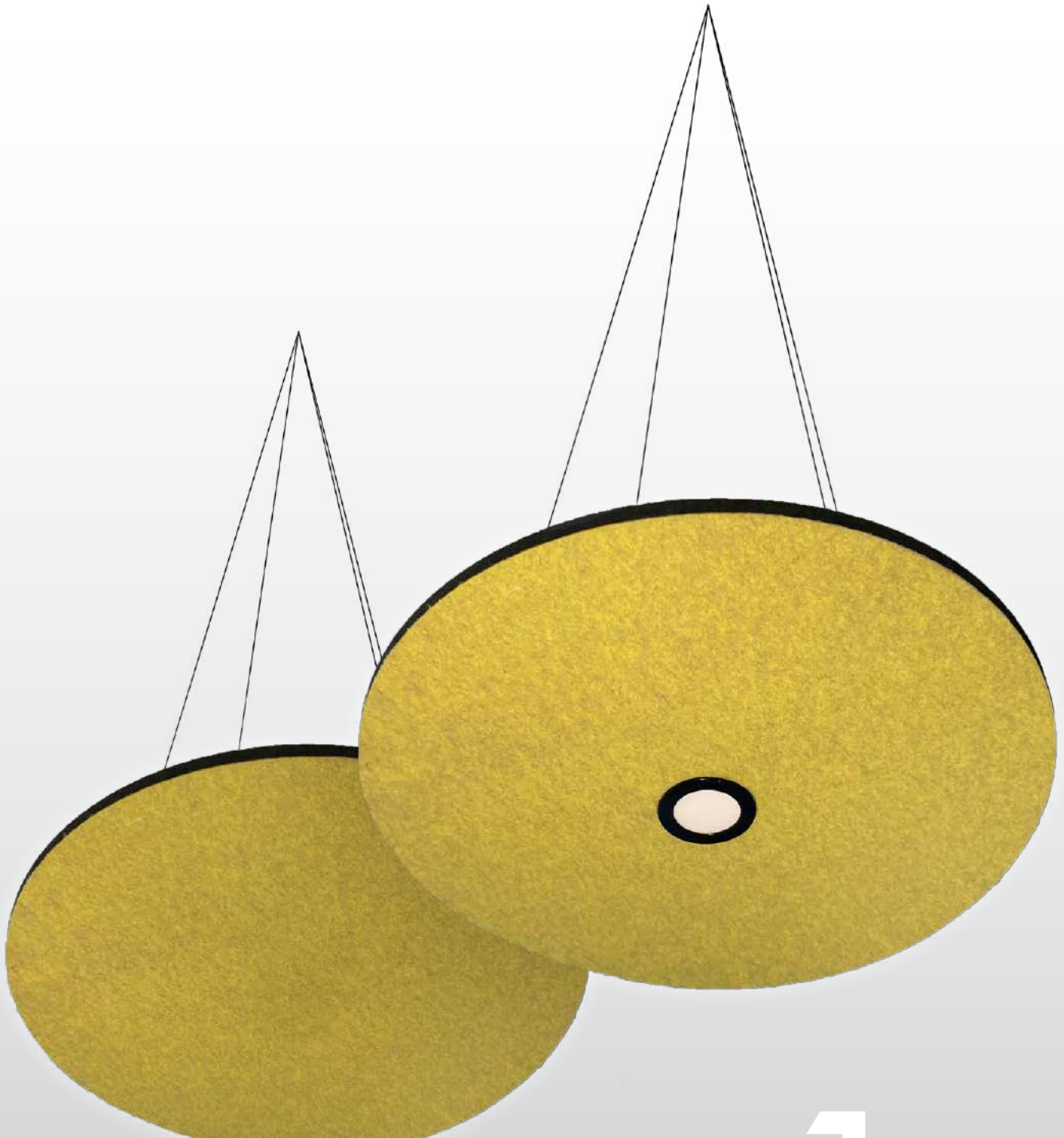
PET FELT AND WOOL FELT PRODUCTS COLOR COLLECTIONS

54

SonusFelt

#Kiklos

CIRCLE ACOUSTIC PANELS



DESCRIPTION

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



SonusFelt-Kiklos

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

The panels can have either a PET felt finish or be covered on both sides with a special sound transparent fabric, offering a wide range of color 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.

For a colour and finish selection, you can choose among the PET felt finish standard, PET felt finish extended, Acoustic fabric finish colour selection on page 54. In the acoustic fabric finish a core colour is visible on the edges.

THE MATERIAL



SonusFelt is a lightweight and semi-rigid 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.

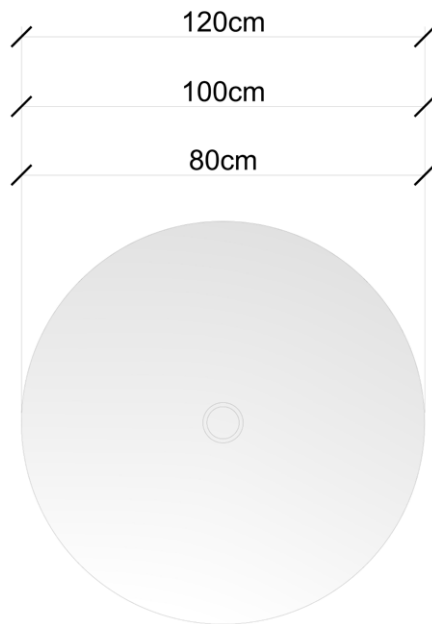
The standard colors of Sonus-Desk are dark grey, light grey, white and black with the PET FELT finish.

ACOUSTIC DATA

The acoustic performance of acoustic panels dependant on the installation method, the shape, thickness and size of the installed product and the distance of the installed panel from the ceiling.

The estimated weighted sound absorption coefficient per square meter is $\alpha_w = 0.45-0.85$ according to ISO.11654.1997.

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.

TECHNICAL SPECIFICATIONS

Product Type:	PET fiber acoustic panels
Material:	100% polyester fiber, 65% recycled
Thickness:	12 mm (other thickness upon request)
Density:	190 kg/m ³
Color:	Black, dark grey and white as standard, more options available
Surface Type:	Smooth, optional fabric finish on two sides with visible core
Technics:	Does not contain any Red List building materials
Feature:	Safe, non-toxic, non-irritant and non-allergic
Fire Retardancy:	MVSS 301
NRC:	0.45-0.85 depending on the thickness and product configuration
Light source:	Optional

OPTIONAL LIGHT SPECIFICATIONS

SonusFelt-Kiklos is optionally produced with a LED light combining acoustic and lighting conditions improvement. The functional design of the luminaire guarantees a long, maintenance-free service life with high luminous efficacy and energy efficiency.

Lighting data

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

ALPHA ACOUSTIKI in collaboration with a well known lighting industry, provides customization of the lighting system for the specific needs of your project.




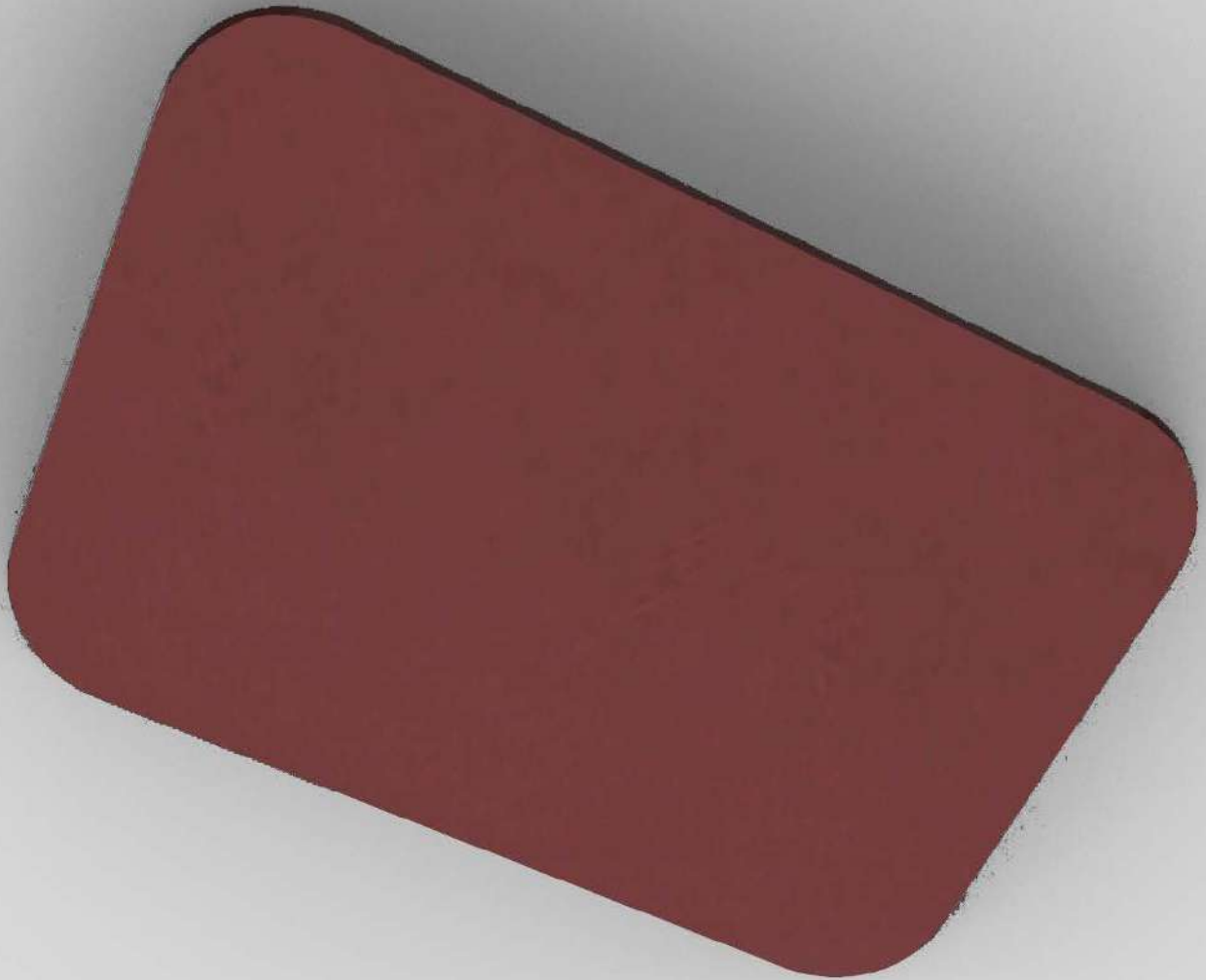
SonusFelt

#Rec

RECTANGLE ACOUSTIC PANELS

Architectural Acoustics 

Lighting 



2

DESCRIPTION

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



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

The panels can have either a PET felt finish or be covered on both sides with a special sound transparent fabric, offering a wide range of color 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.

For a colour and finish selection, you can choose among the PET felt finish standard, PET felt finish extended, Acoustic fabric finish colour selection on page 54. In the acoustic fabric finish a core colour is visible on the edges.

THE MATERIAL



SonusFelt is a lightweight and semi-rigid 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.

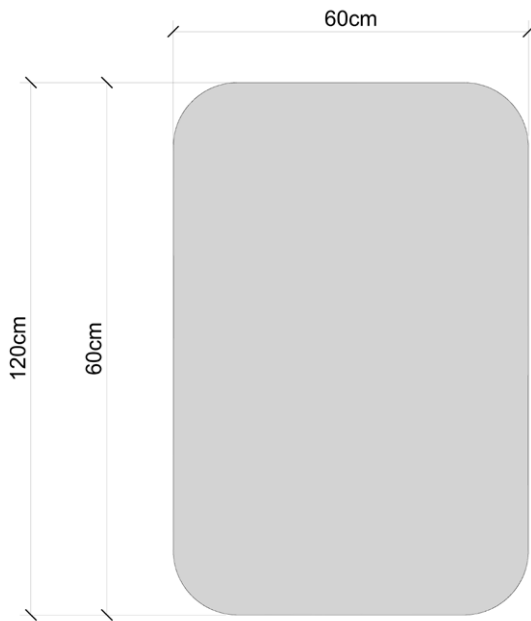
The standard colors of Sonus-Desk are dark grey, light grey, white and black with the PET FELT finish.

ACOUSTIC DATA

The acoustic performance of acoustic panels dependant on the installation method, the shape, thickness and size of the installed product and the distance of the installed panel from the ceiling.

The estimated weighted sound absorption coefficient per square meter is $\alpha_w = 0.45-0.85$ according to ISO.11654.1997.

STANDARD PANEL MODELS



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

Standard panel dimensions:
60X60cm
60X120cm

Other shapes and dimensions are available upon request.

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

Every panel includes its hanging system with height regulation.



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

TECHNICAL SPECIFICATIONS

Product Type:	PET fiber acoustic panels
Material:	100% polyester fiber, 65% recycled
Thickness:	12 mm (other thickness upon request)
Density:	190 kg/m ³
Color:	Black, dark grey and white as standard, more options available
Surface Type:	Smooth, optional fabric finish on two sides with visible core
Technics:	Does not contain any Red List building materials
Feature:	Safe, non-toxic, non-irritant and non-allergic
Fire Retardancy:	MVSS 301
NRC:	0.45-0.85 depending on the thickness and product configuration
Light source:	Optional, to be defined

HANGING SYSTEM



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

SonusFelt

#Cloud

CLOUD ACOUSTIC PANELS



△

DESCRIPTION

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



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

The panels can have either a PET felt finish or be covered on both sides with a special sound transparent fabric, offering a wide range of color 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.

For a colour and finish selection, you can choose among the PET felt finish standard, PET felt finish extended, Acoustic fabric finish colour selection on page 54. In the acoustic fabric finish a core colour is visible on the edges.

THE MATERIAL



SonusFelt is a lightweight and semi-rigid 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.

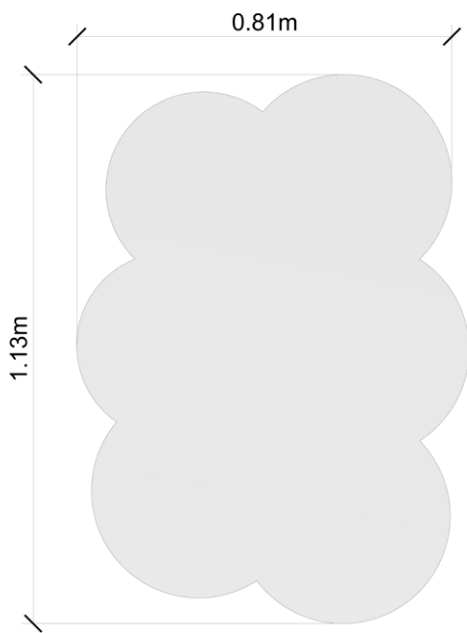
The standard colors of Sonus-Desk are dark grey, light grey, white and black with the PET FELT finish.

ACOUSTIC DATA

The acoustic performance of acoustic panels dependant on the installation method, the shape, thickness and size of the installed product and the distance of the installed panel from the ceiling.

The estimated weighted sound absorption coefficient per square meter is $\alpha_w = 0.45-0.85$ according ISO.11654.1997.

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.

TECHNICAL SPECIFICATIONS

Product Type:	PET fiber acoustic panels
Material:	100% polyester fiber, 65% recycled
Thickness:	12 mm (other thickness upon request)
Density:	190 kg/m ³
Color:	Black, dark grey and white as standard, more options available
Surface Type:	Smooth, optional fabric finish on two sides with visible core
Technics:	Does not contain any Red List building materials
Feature:	Safe, non-toxic, non-irritant and non-allergic
Fire Retardancy:	MVSS 301
NRC:	0.45-0.85 depending on the thickness and product configuration
Light source:	Optional, to be defined

HANGING SYSTEM

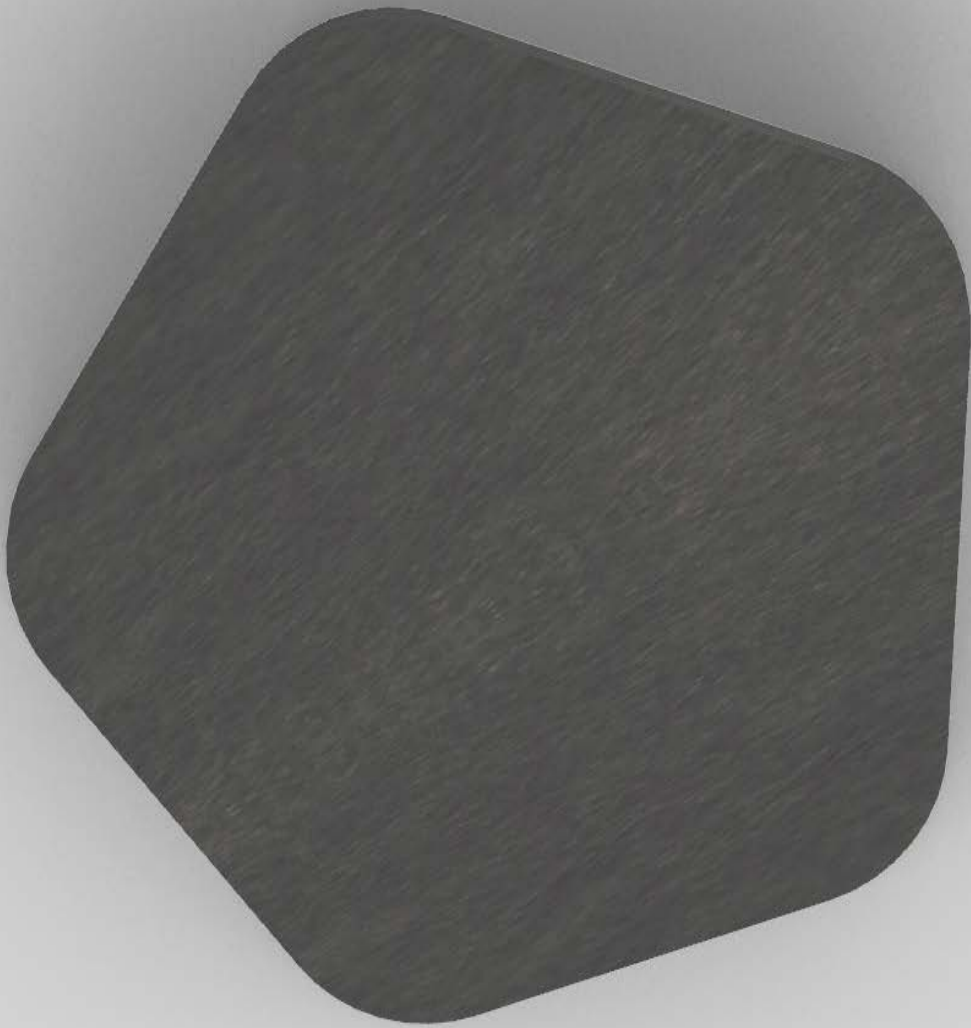


Included hanging system:
ALPHAcoustic-HS: Vertical hangers with stainless steel wire and height adjustable roof suspension mechanism.

SonusFelt

#Hexa

HEXAGON ACOUSTIC PANELS



DESCRIPTION

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



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

The panels can have either a PET felt finish or be covered on both sides with a special sound transparent fabric, offering a wide range of color 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.

For a colour and finish selection, you can choose among the PET felt finish standard, PET felt finish extended, Acoustic fabric finish colour selection on page 54. In the acoustic fabric finish a core colour is visible on the edges.

THE MATERIAL



SonusFelt is a lightweight and semi-rigid 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.

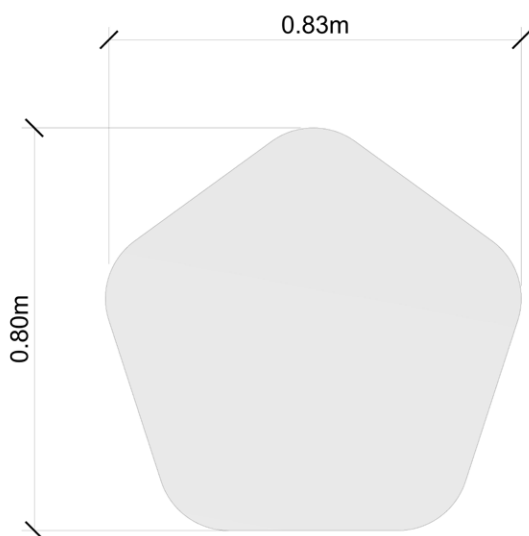
The standard colors of Sonus-Desk are dark grey, light grey, white and black with the PET FELT finish.

ACOUSTIC DATA

The acoustic performance of acoustic panels dependant on the installation method, the shape, thickness and size of the installed product and the distance of the installed panel from the ceiling.

The estimated weighted sound absorption coefficient per square meter is $\alpha_w = 0.45-0.85$ according to ISO.11654.1997.

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.

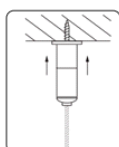


Optionally, a light source can be added on the acoustic panel to form acoustic lighting panels.

TECHNICAL SPECIFICATIONS

Product Type:	PET fiber acoustic panels
Material:	100% polyester fiber, 65% recycled
Thickness:	12 mm (other thickness upon request)
Density:	190 kg/m ³
Color:	Black, dark grey and white as standard, more options available
Surface Type:	Smooth, optional fabric finish on two sides with visible core
Technics:	Does not contain any Red List building materials
Feature:	Safe, non-toxic, non-irritant and non-allergic
Fire Retardancy:	MVSS 301
NRC:	0.45-0.85 depending on the thickness and product configuration
Light source:	Optional, to be defined

HANGING SYSTEM

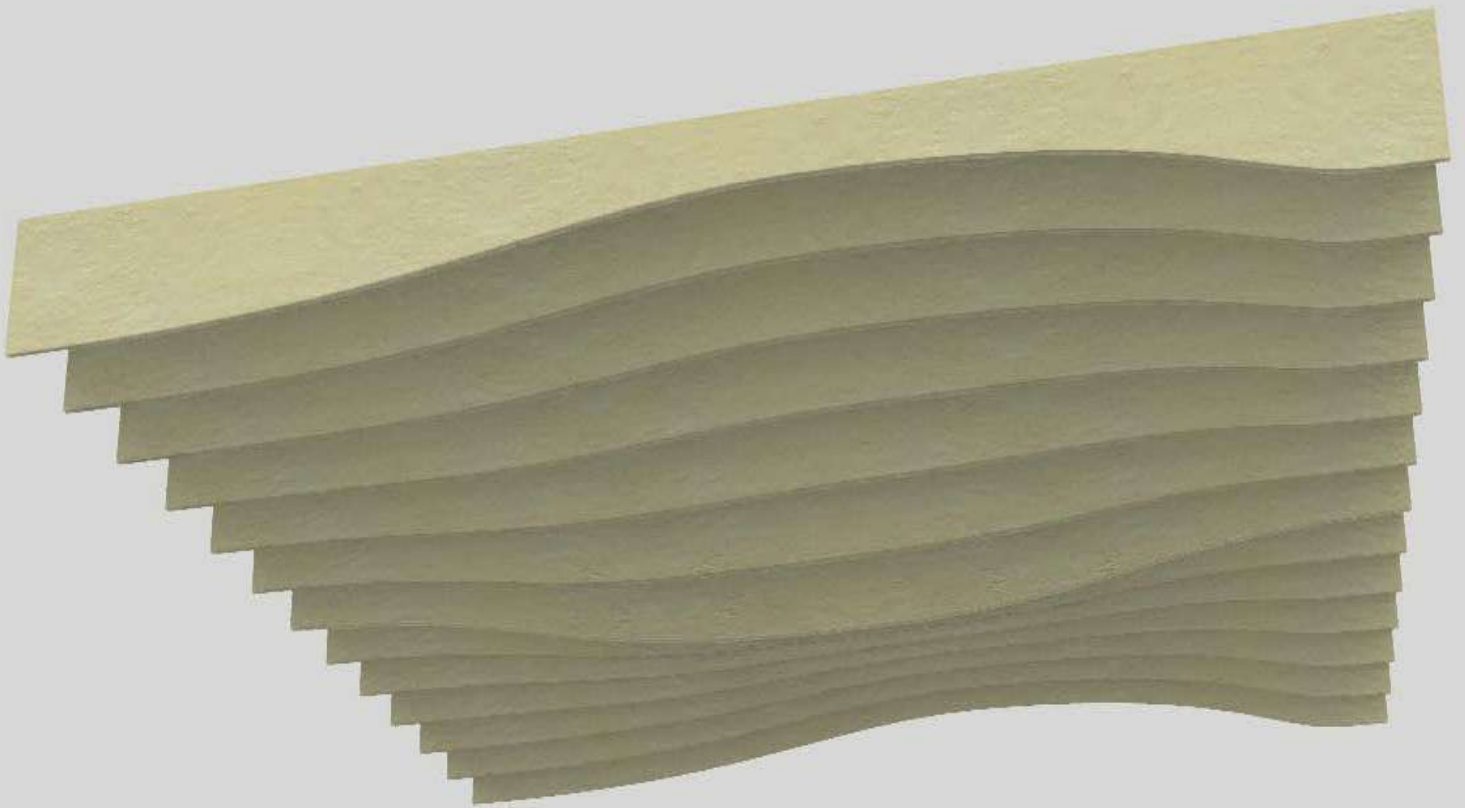


Included hanging system:
ALPHAcoustic-HS: Vertical hangers with stainless steel wire and height adjustable roof suspension mechanism.

SonusFelt

#Baffles

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

- Low cost acoustic solution
- Versatility of shapes
- Easy to install
- Tailored to your needs

The panels can have either a PET felt finish or be covered on both sides with a special sound transparent fabric, offering a wide range of color 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.

For a colour and finish selection, you can choose among the PET felt finish standard, PET felt finish extended, Acoustic fabric finish colour selection on page 54. In the acoustic fabric finish a core colour is visible on the edges.

THE MATERIAL



SonusFelt is a lightweight and semi-rigid 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.


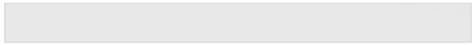


The standard colors of Sonus-Desk are dark grey, light grey, white and black with the PET FELT finish.

ACOUSTIC DATA

The acoustic performance of acoustic panels dependant on the installation method, the shape, thickness and size of the installed product and the distance of the installed panel from the ceiling.

The estimated weighted sound absorption coefficient per square meter is $\alpha_w = 0.45-0.85$ according to ISO.11654.1997.

STANDARD PANEL MODELS

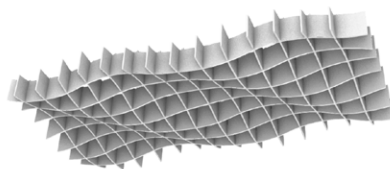
Visual	Type	Dimensions (cm)
	Baffle Curve	240 x 30 (max) cm 120 x 20 (max) cm
	Baffle Ortho	240 x 20/30 cm 120 x 20/30 cm
	Baffle Arch	240 x 25 (max) cm 120 x 25 (max) cm
	Baffle Corner	240 x 30 (max) cm 120 x 20 (max) cm

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

TECHNICAL SPECIFICATIONS

Product Type:	PET fiber acoustic panels
Material:	100% polyester fiber, 65% recycled
Thickness:	12 mm (other thickness upon request)
Density:	190 kg/m ³
Color:	Black, dark grey and white as standard, more options available
Surface Type:	Smooth, optional fabric finish on two sides with visible core
Technics:	Does not contain any Red List building materials
Feature:	Safe, non-toxic, non-irritant and non-allergic
Fire Retardancy:	MVSS 301
NRC:	0.45-0.85 depending on the thickness and product configuration

RELATED PRODUCTS



For more options of vertical PET felt baffle ceiling panels, please refer to our line SonusFelt-Mesh.



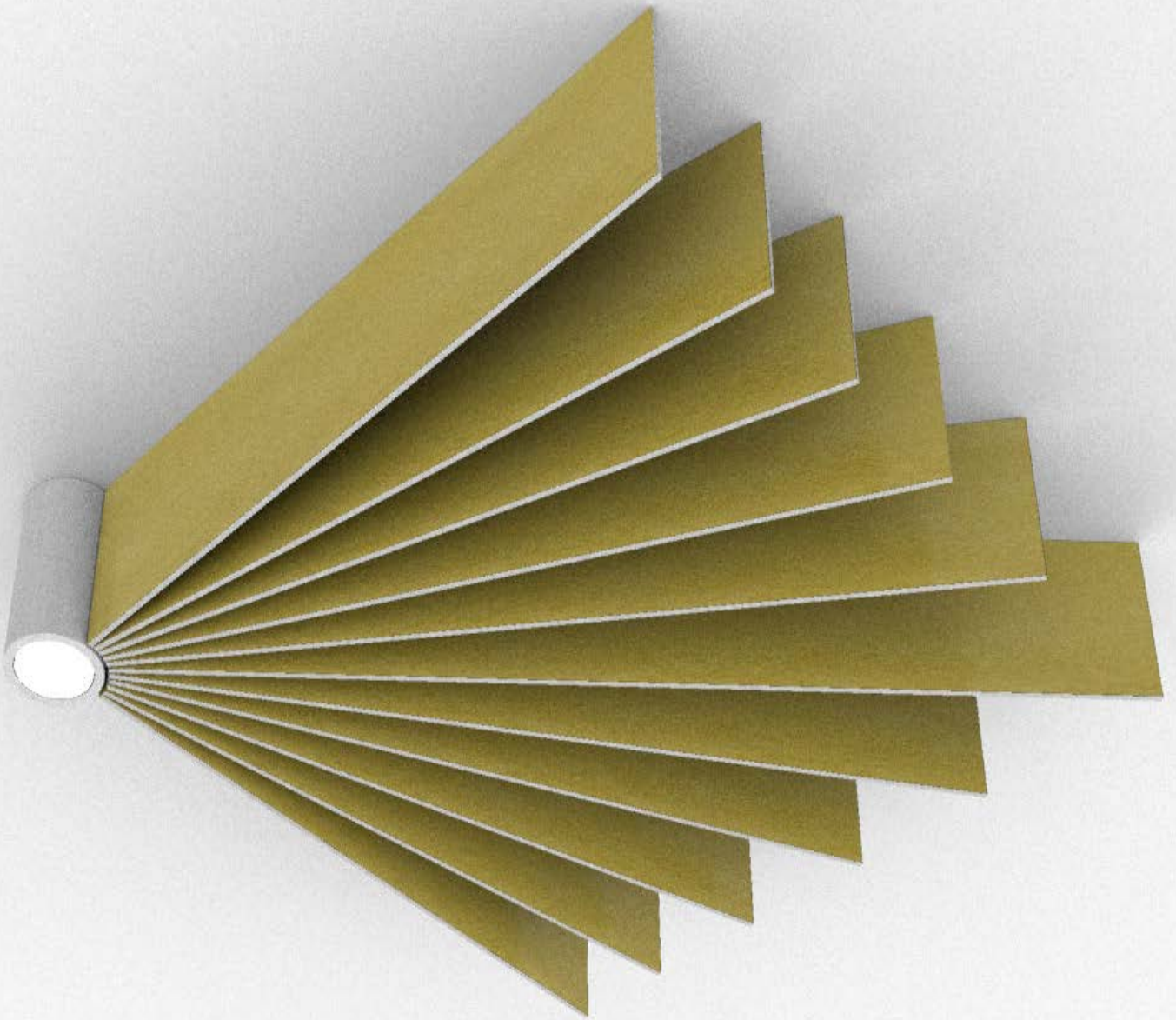
SonusFelt

#Rays

RADIAL VERTICAL ACOUSTIC PANELS

Architectural Acoustics 

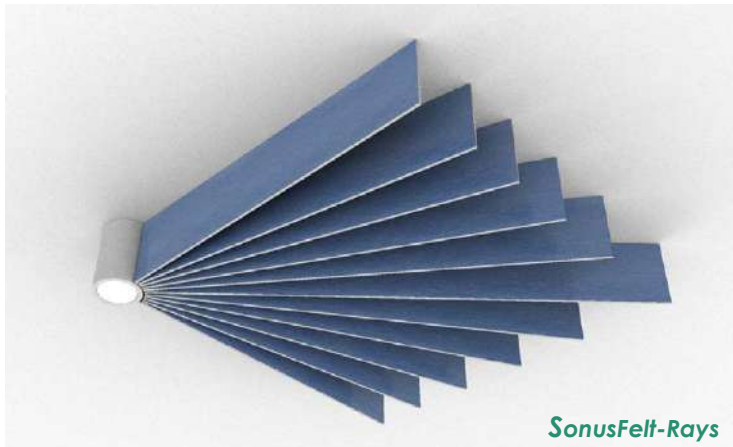
Lighting 



6

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.



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

The panels can have either a PET felt finish or be covered on both sides with a special sound transparent fabric, offering a wide range of color 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.

For a colour and finish selection, you can choose among the PET felt finish standard, PET felt finish extended, Acoustic fabric finish colour selection on page 54. In the acoustic fabric finish a core colour is visible on the edges.

THE MATERIAL



SonusFelt is a lightweight and semi-rigid 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.

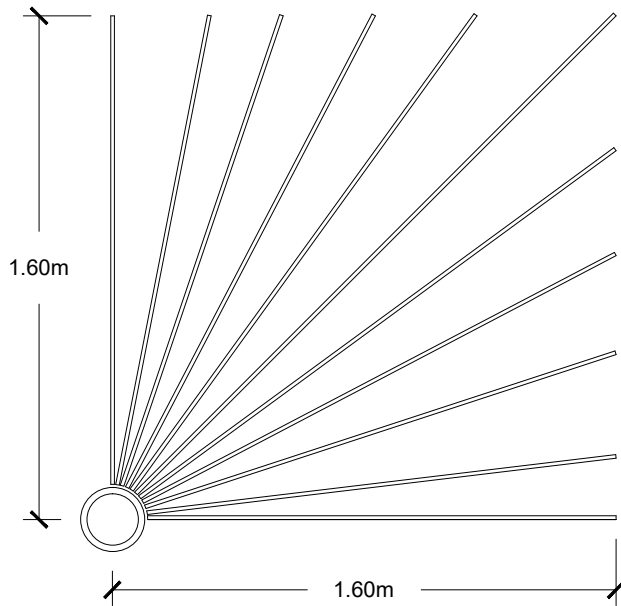
The standard colors of Sonus-Desk are dark grey, light grey, white and black with the PET FELT finish.

ACOUSTIC DATA

The acoustic performance of acoustic panels dependant on the installation method, the shape, thickness and size of the installed product and the distance of the installed panel from the ceiling.

The estimated weighted sound absorption coefficient per square meter is $\alpha_w = 0.45-0.85$ according to ISO.11654.1997.

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 with height regulation.

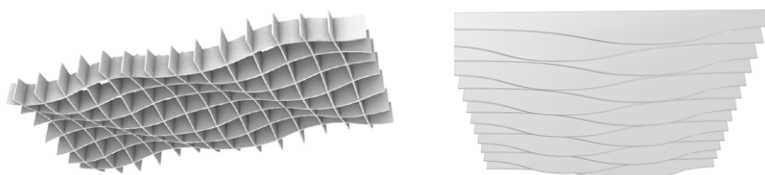


Optionally, a light source can be added on the acoustic panel to form acoustic lighting panels.

TECHNICAL SPECIFICATIONS

Product Type:	PET fiber acoustic panels
Material:	100% polyester fiber, 65% recycled
Thickness:	12 mm (other thickness upon request)
Density:	190 kg/m ³
Color:	Black, dark grey and white as standard, more options available
Surface Type:	Smooth, optional fabric finish on two sides with visible core
Technics:	Does not contain any Red List building materials
Feature:	Safe, non-toxic, non-irritant and non-allergic
Fire Retardancy:	MVSS 301
NRC:	0.45-0.85 depending on the thickness and product configuration
Light source:	Optional, to be defined

RELATED PRODUCTS



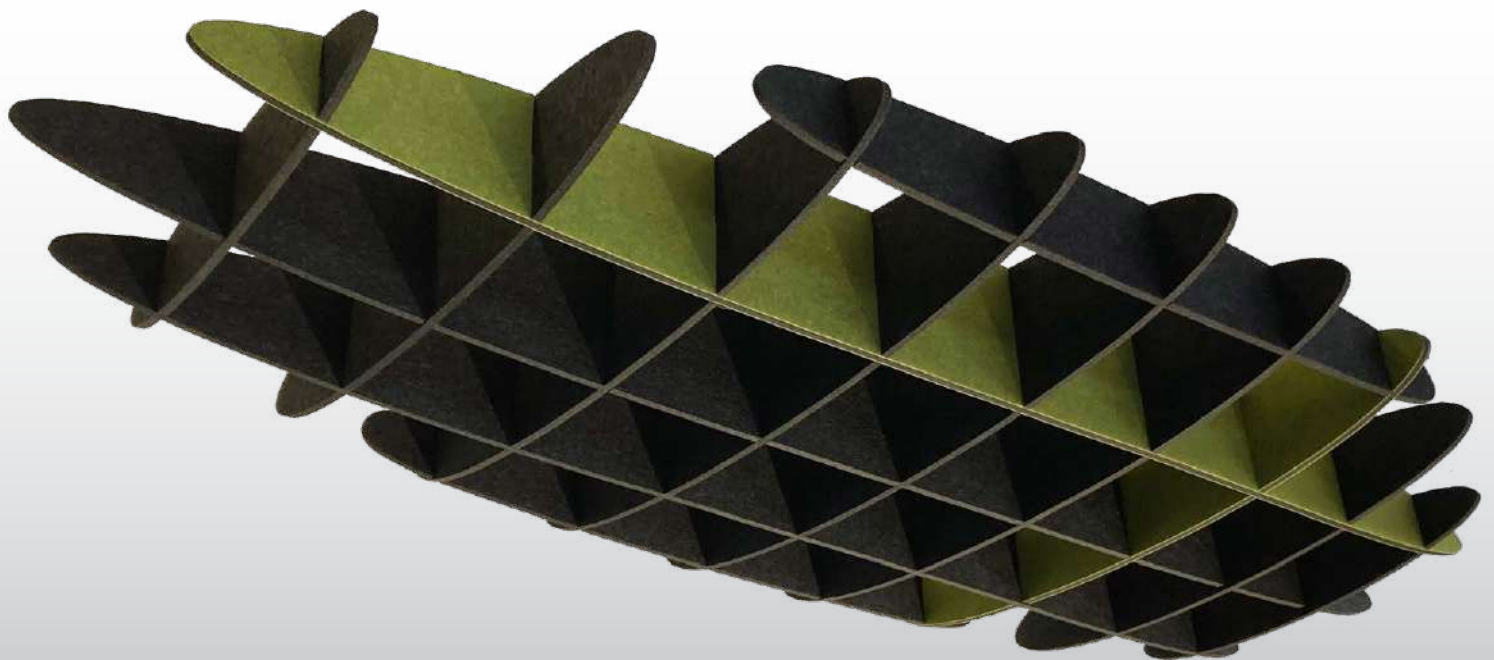
For more options of vertical PET felt baffle ceiling panels, please refer to our lines SonusFelt-Mesh and SonusFelt-Baffle.



SonusFelt

#Mesh

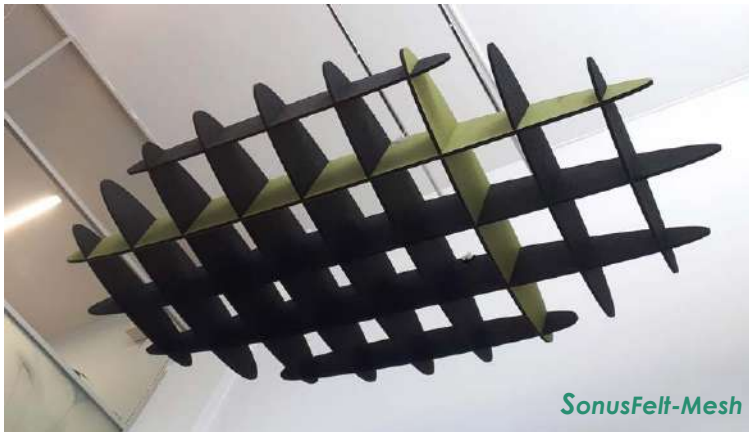
GRID FORM ACOUSTIC PANELS



7

ACOUSTIC CEILING FELT MESH

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



- Low cost acoustic solution
- Unique aesthetic option
- Easy to install

The panels can have either a PET felt finish or be covered on both sides with a special sound transparent fabric, offering a wide range of color 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.

For a colour and finish selection, you can choose among the PET felt finish standard, PET felt finish extended, Acoustic fabric finish colour selection on page 54. In the acoustic fabric finish a core colour is visible on the edges.

THE MATERIAL



SonusFelt is a lightweight and semi-rigid 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.



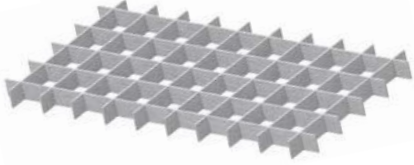
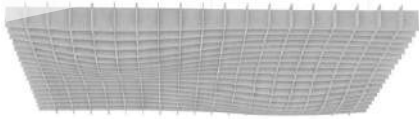
The standard colors of Sonus-Desk are dark grey, light grey, white and black with the PET FELT finish.

ACOUSTIC DATA

The acoustic performance of acoustic panels is dependant on the installation method, the shape, thickness and size of the installed product and the distance of the installed panel from the ceiling.

The estimated weighted sound absorption coefficient per square meter is $\alpha_w = 0.45-0.85$ according to ISO.11654.1997.

STANDARD PANEL MODELS

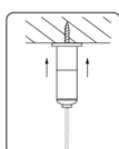
3D Visual	Type	Dimensions (cm)
	Mesh Round	120 x 120 x 24 cm 120 x 120 x 24 cm
	Mesh Oval	240 x 120 x 24 cm
	Mesh Rectangle	240 x 120 x 24 cm
	Mesh Wave	240 x 240 x (max)26 cm

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.

TECHNICAL SPECIFICATIONS

Product Type:	PET fiber acoustic panels
Material:	100% polyester fiber, 65% recycled
Thickness:	12 mm (other thickness upon request)
Density:	190 kg/m ³
Color:	Black, dark grey and white as standard, more options available
Surface Type:	Smooth, optional fabric finish on two sides with visible core
Technics:	Does not contain any Red List building materials
Feature:	Safe, non-toxic, non-irritant and non-allergic
Fire Retardancy:	MVSS 301
NRC:	0.45-0.85 depending on the thickness and product configuration

HANGING SYSTEM

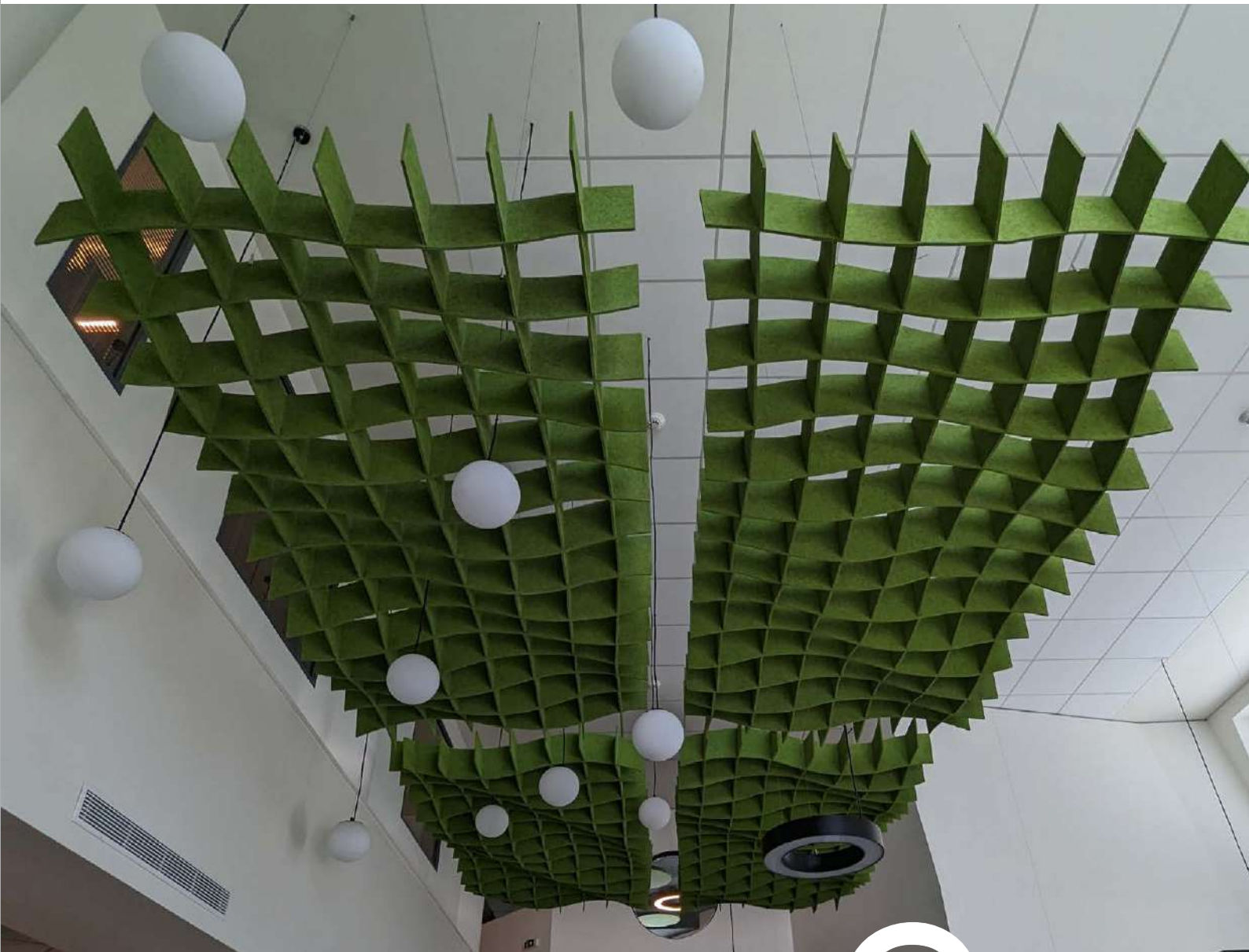


Included hanging system:
ALPHAcoustic-HS: Vertical hangers with stainless steel wire and height adjustable roof suspension mechanism.

SonusFelt

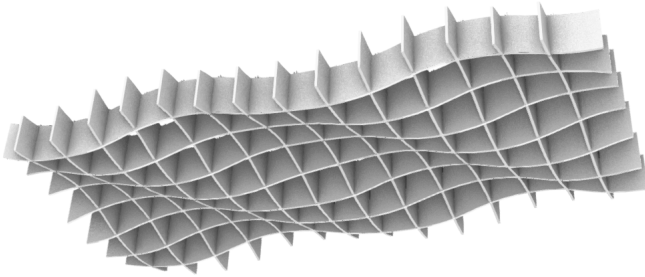
#Structure

3D MESH FORM ACOUSTIC PANELS



ACOUSTIC CEILING FELT MESH

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



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

SonusFelt-Structure

The panels can have either a PET felt finish or be covered on both sides with a special sound transparent fabric, offering a wide range of color 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.

For a colour and finish selection, you can choose among the PET felt finish standard, PET felt finish extended, Acoustic fabric finish colour selection on page 54. In the acoustic fabric finish a core colour is visible on the edges.

THE MATERIAL



SonusFelt is a lightweight and semi-rigid 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.

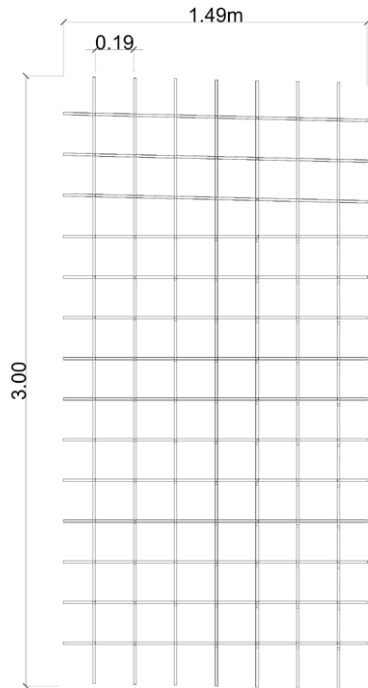
The standard colors of Sonus-Desk are dark grey, light grey, white and black with the PET FELT finish.

ACOUSTIC DATA

The acoustic performance of acoustic panels dependant on the installation method, the shape, thickness and size of the installed product and the distance of the installed panel from the ceiling.

The estimated weighted sound absorption coefficient per square meter is $\alpha_w = 0.45-0.85$ according to ISO.11654.1997.

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

TECHNICAL SPECIFICATIONS

Product Type:	PET fiber acoustic panels
Material:	100% polyester fiber, 65% recycled
Thickness:	9 mm (other thickness upon request)
Density:	190 kg/m ³
Color:	Black, dark grey and white as standard, more options available
Surface Type:	Smooth, optional fabric finish on two sides with visible core
Technics:	Does not contain any Red List building materials
Feature:	Safe, non-toxic, non-irritant and non-allergic
Fire Retardancy:	MVSS 301
NRC:	0.45-0.85 depending on the thickness and product configuration

HANGING SYSTEM



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

SonusFelt

#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.



- Low cost acoustic solution
- Versatility of shapes, sizes
- Easy to install

The panels can have either a PET felt finish or be covered on both sides with a special sound transparent fabric, offering a wide range of color 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.

For a colour and finish selection, you can choose among the PET felt finish standard, PET felt finish extended, Acoustic fabric finish colour selection on page 54. In the acoustic fabric finish a core colour is visible on the edges.

THE MATERIAL



SonusFelt is a lightweight and semi-rigid 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.

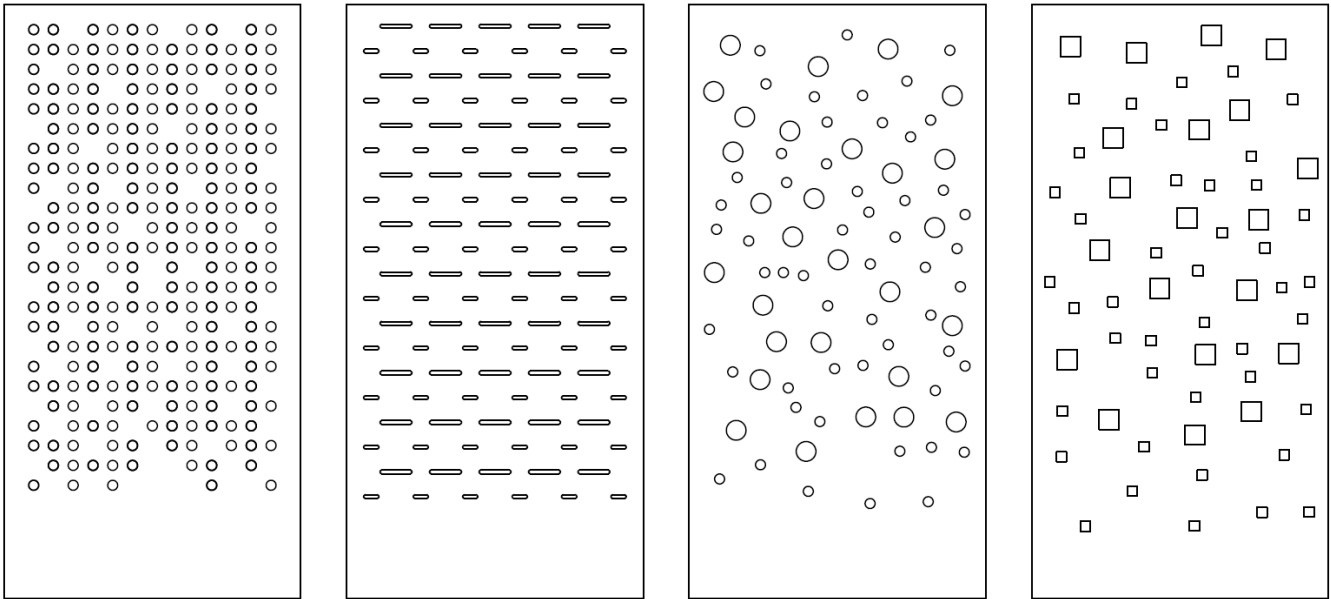
The standard colors of Sonus-Desk are dark grey, light grey, white and black with the PET FELT finish.

ACOUSTIC DATA

The acoustic performance of baffle systems is dependant on the installation method, the shape, thickness, position and size of the installed product

The estimated weighted sound absorption coefficient per square meter is $\alpha_w = 0.45-0.85$ according to ISO.11654.1997.

STANDARD PANEL MODELS



SonusFelt-Diviso are produced with a variety of standard perforation shapes. Other shapes and dimensions upon request.

Every composition includes its hanging system with height regulation.

TECHNICAL SPECIFICATIONS

Product Type:	PET fiber acoustic panels
Material:	100% polyester fiber, 65% recycled
Thickness:	12 mm (other thickness upon request)
Density:	190 kg/m ³
Color:	Black, dark grey and white as standard, more options available
Surface Type:	Smooth, optional fabric finish on two sides with visible core
Technics:	Does not contain any Red List building materials
Feature:	Safe, non-toxic, non-irritant and non-allergic
Fire Retardancy:	MVSS 301
NRC:	0.45-0.85 depending on the thickness and product configuration

HANGING SYSTEM



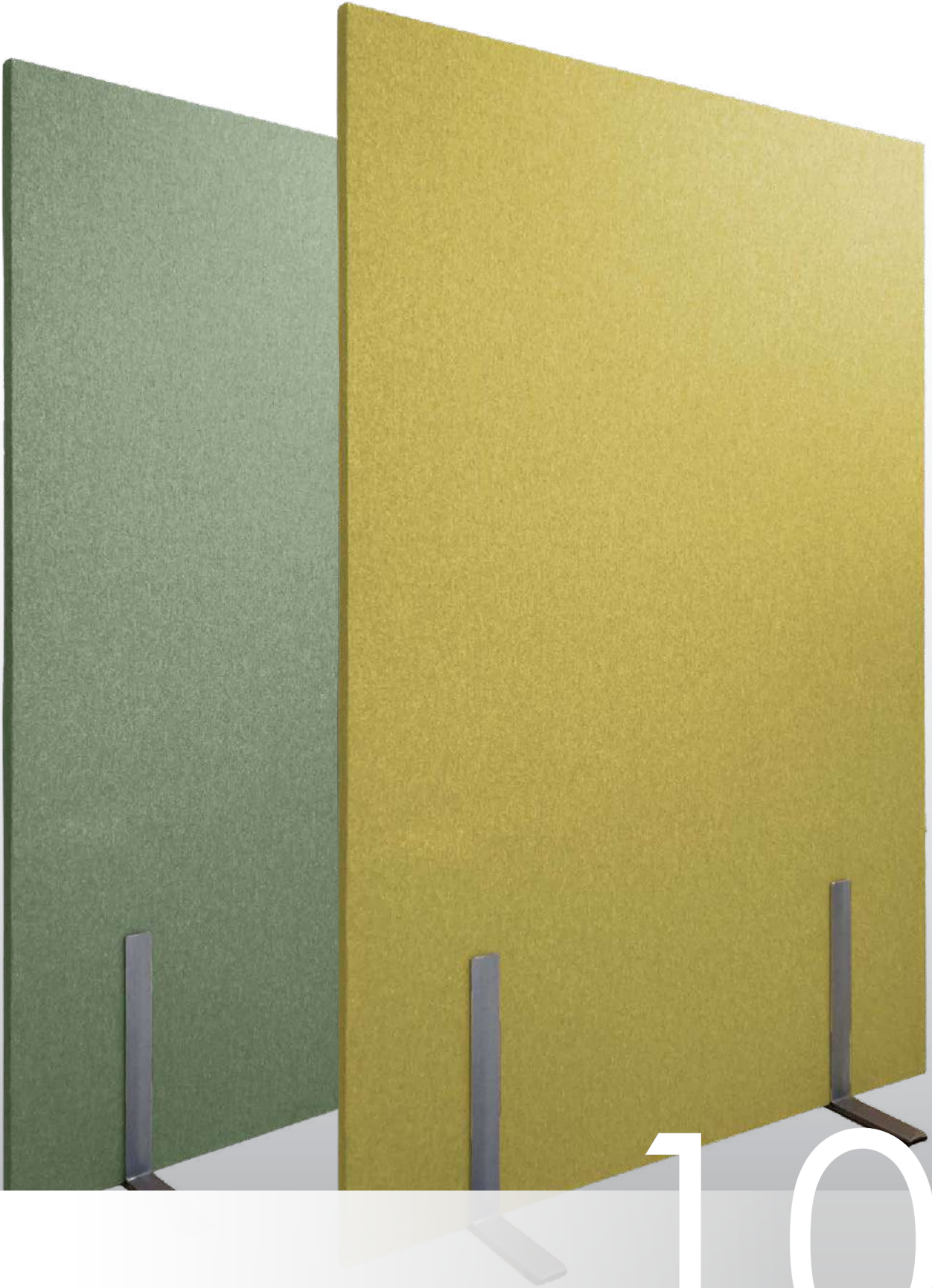
Included hanging system:
ALPHAcoustic-HS: Vertical hangers with stainless steel wire and height adjustable roof suspension mechanism.



SonusFelt

#AM

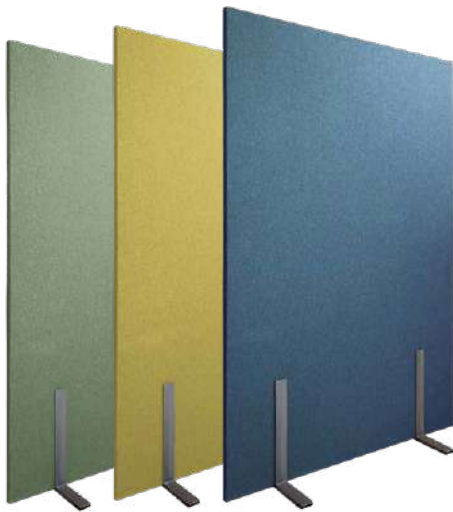
SELF-STANDING ACOUSTIC PARTITIONS



10

DESCRIPTION

Sonus Felt-AM are floor free-standing sound absorbing partitions. They are made of PET felt a material made by recycling bottles. This category of office partitions is considered as slim line and minimal design. They provide acoustic comfort in work environments with many employees such as open space offices.



Sonus Felt-AM.26

- Low cost acoustic separation
- Easy to install
- Safe, non-toxic, non-irritant and non-allergic
- ECO friendly

The panels are self-standing and do not need floor mounting. They can easily be installed, removed or relocated offering the flexibility of on-the-spot space rearrangement according to the uses functional needs in real time. Each panel is provided with two specially formed L-shape metal legs painted with polyester paint in grey colour. No need for any kind of mechanical fixing (bolts) of the base to the panel.

They are designed to offer a quiet and professional atmosphere in workspaces that promotes the employees' productivity and well-being. They improve sound diffusion, increase sound absorption, noise insulation and prevent standing waves generation.


The panels are covered with sound-transparent fabric available in different colours on both sides. Its core consists of compressed recycled polyester fiber PET felt.

Standard dimensions: 120x180cm (WxH). Other dimensions upon request
Standard thickness: 14mm, 26mm (including the fabric thickness)

THE MATERIAL



SonusFelt is a lightweight and semi-rigid 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.

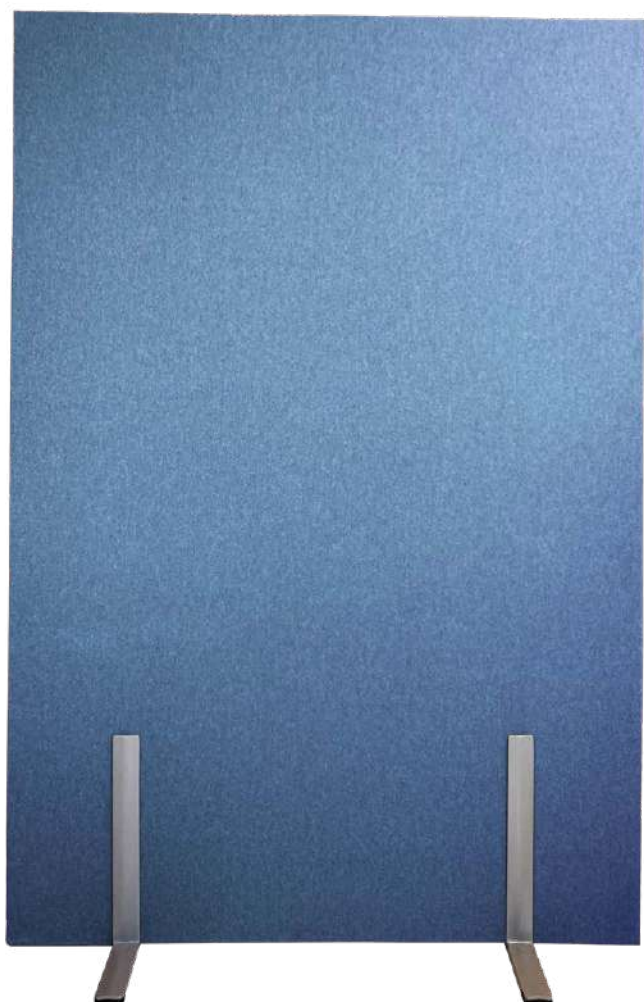
Its composition is made of 100% polyester fiber, containing a minimum of 65% post-consume recycled material (PET bottle-flake). PET Felt is both recycled and recyclable. 

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

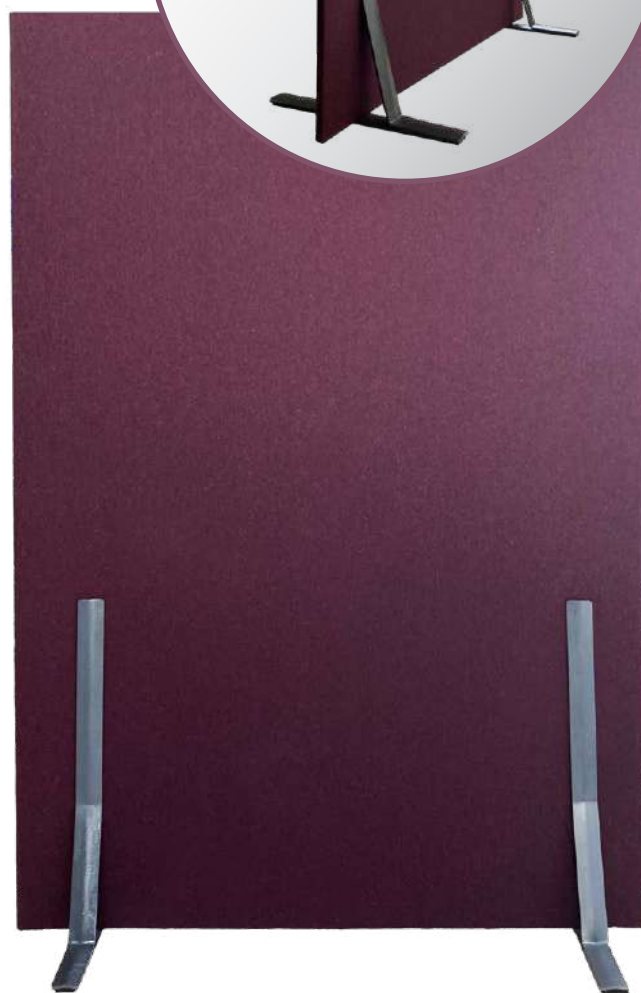
The standard colors of Sonus-Desk are dark grey, light grey, white and black with the PET FELT finish.

ACOUSTIC DATA

The estimated weighted sound absorption coefficient expressed per square meter is $a_w=0.45-0.85$ according to ISO 11654.1997.



Sonus Felt-AM.26



Sonus Felt-AM.14

APPLICATIONS

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

SonusFelt

#Desk

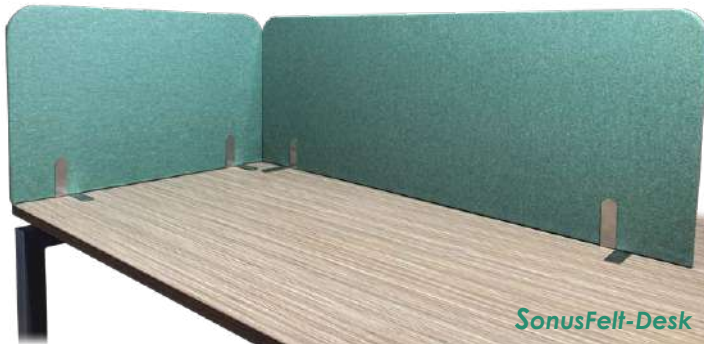
ACOUSTIC DESK PANELS



1 1

ACOUSTIC DIVIDERS FOR DESKS

SonusFelt-Desk are sound absorbing and noise insulation desk dividers for office desks. They are made of PET felt a material made by recycling bottles. They provide acoustic comfort in work environments with many employees such as open space offices.



- Low cost acoustic separation
- Easy to install
- Safe, non-toxic, non-irritant and non-allergic
- ECO friendly

The panels are produced in PET felt finish or Wool fabric finish offering a warm look in the working environment. You can choose the finish and colours that best suit your project.

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

In addition to the standard PET Felt base material, it is recommended to choose a full lining with a felted wool fabric from our collection of pure wool fabrics ALPHAcoustic CL-WF (page 55). In this way we achieve a more elegant aesthetic with uniform coloring and a luxurious appearance.

THE MATERIAL



SonusFelt is a lightweight and semi-rigid 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 colors of Sonus-Desk are dark grey, light grey, white and black with the PET FELT finish.

ACOUSTIC DATA

The estimated weighted sound absorption coefficient expressed per square meter is $\alpha_w = 0.45-0.85$ according to ISO 11654.1997.

STANDARD PANEL MODELS

Visual	Type	Dimensions WxH (cm)
	A	160X46 cm
	B	120X46 cm
	C	75X46 cm

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

TECHNICAL SPECIFICATIONS

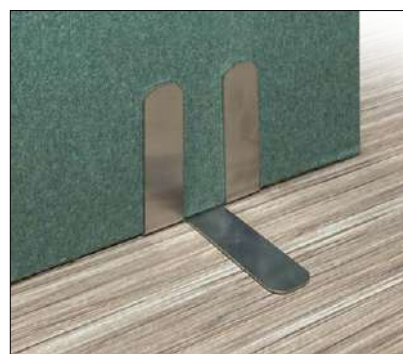
Product Type:	PET fiber acoustic panels
Material:	100% polyester fiber, 65% recycled
Thickness:	12 mm (other thickness upon request)
Density:	190 kg/m ³
Color:	Dark grey, light grey as standard (more options for certain quantity)
Technics:	Does not contain any Red List building materials
Feature:	Safe, non-toxic, non-irritant and non-allergic
Fire Retardancy:	MVSS 301 (self-extinguishing)

ACCESSORIES

Each panel shall include its mounting system. Each panel is supplied with two specially designed holding systems brackets (type A) made of satin stainless steel. The innovative design of these has achieved panel retention without the use of a passing screw, thus offering an upgraded aesthetic. The brackets can be easily adapted to desks with a maximum thickness of 30 mm. In the case of intermediate partitions, the panel can be equipped with similar double-sided brackets allowing it to stand freely on the desk without the use of passing screws (type B).



Type A



Type B

SonusFelt Wool

Premium Wool Collection 



12

ACOUSTIC WOOL ROLLS AND PANELS

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



- Low cost acoustic products
- Natural fibers
- Safe, non-toxic, non-irritant and non-allergic
- ECO friendly

The product line includes: 1. acoustic roll for covering large surfaces such as wall and 2. acoustic panels.


The panels are produced in a variety of shapes and sizes. Both the rolls and panels can optionally have a self adhesive at the back for easy application. They can be applied on walls, ceilings, furniture and other surfaces according to the needs of the project. Custom shapes and sized are also available to meet a wider variety of applications.

Due to their acoustic properties, creations using woolen felt can reduce annoying noise reflections and resonant acoustic field, improving acoustic comfort, offering a better acoustic environment.

THE WOOL MATERIAL



SonusFelt.Wool is a lightweight and natural thick wool felt material with sound absorbing properties. It offers an alternative solution to PET felt with higher quality and properties and a similar aesthetic. **SonusFelt.Wool** can be used as a base material for a variety of creative solutions.

Its natural fibers come from a rapidly renewable resource (hair that grows naturally in sheep), due to the composition of natural wool it is considered to be biodegradable. Wool Felt Design contributes to green building certification LEED® and Building Research Establishment Environmental Assessment Method BREEAM for Health and Wellbeing. 

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

ACOUSTIC CHARACTERISTICS

Due to the low air resistance and sound absorption properties of the natural wool felt material, **SonusFelt-Wool.Wall** achieve sound absorption at a wide frequency range.

For the 3.5 mm thickness wool felt the result of the laboratory test are:

Weighted sound absorption coefficient was $\alpha_w=0.45$ according to ISO 354.2003 and ISO 11654.1997 (tested on a frame closed at the side with a distance of 20cm to the surface of the room)

In addition, wool felt can be combined with extra sound-absorbing layers (i.e. polyester slabs or rockwool of 50mm) at the back of the wool panel so that a weighted sound absorption coefficient $\alpha_w=1$ is achieved for sound absorption Class A.

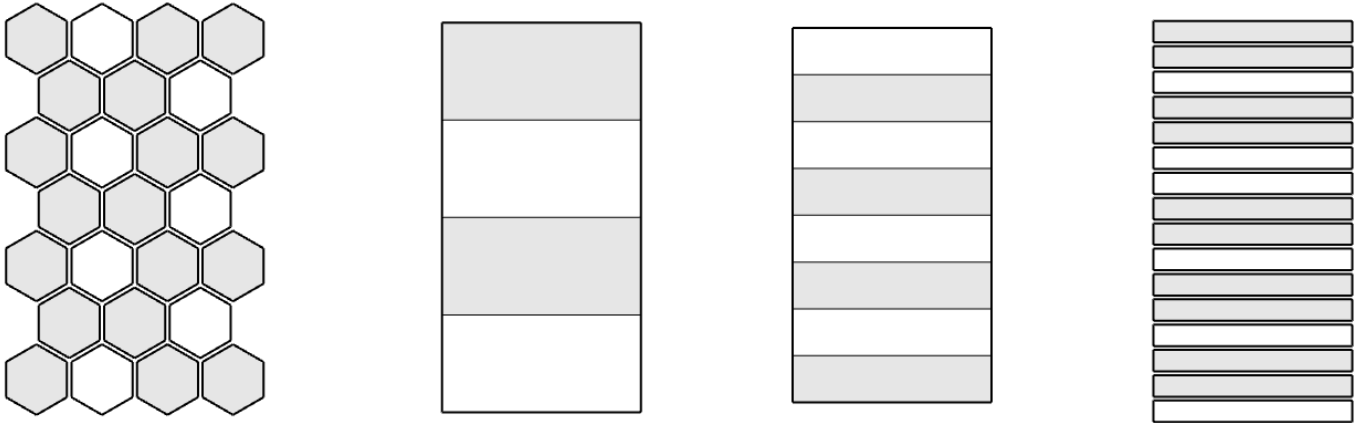
STANDARD MODELS

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 width and a maximum of 25m length.

Acoustic panels

They are produced in a variety of shapes and sizes. Bellow are the standard available shapes:



More shapes can be produced upon request

TECHNICAL SPECIFICATIONS

Product Type:	Natural Wool Rolls and And Acoustic Panels
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



Optional adhesive back side

WALL IDEAS



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

ACOUSTIC WOOL DIVIDERS

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.



- Low cost acoustic products
- Natural fibers
- Safe, non-toxic, non-irritant and non-allergic
- ECO friendly

The product line includes: 1. Plain Acoustic dividers and 2. Perforated Acoustic dividers


The dividers are produced in a variety of shapes and sizes. They have a metal bar at the top and bottom and are suspended from the ceiling. Upon request, a railing system is installed on the top part to create sliding acoustic dividers.

Due to their acoustic properties, creations using woolen felt can reduce annoying noise reflections and resonant acoustic field, improving acoustic comfort, offering a better acoustic environment.

THE WOOL MATERIAL



SonusFelt.Wool is a lightweight and natural thick wool felt material with sound absorbing properties. It offers an alternative solution to PET felt with higher quality and properties and a similar aesthetic. **SonusFelt.Wool** can be used as a base material for a variety of creative solutions.

Its natural fibers come from a rapidly renewable resource (hair that grows naturally in sheep), due to the composition of natural wool it is considered to be biodegradable. Wool Felt Design contributes to green building certification LEED® and Building Research Establishment Environmental Assessment Method BREEAM for Health and Wellbeing. 

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

ACOUSTIC CHARACTERISTICS

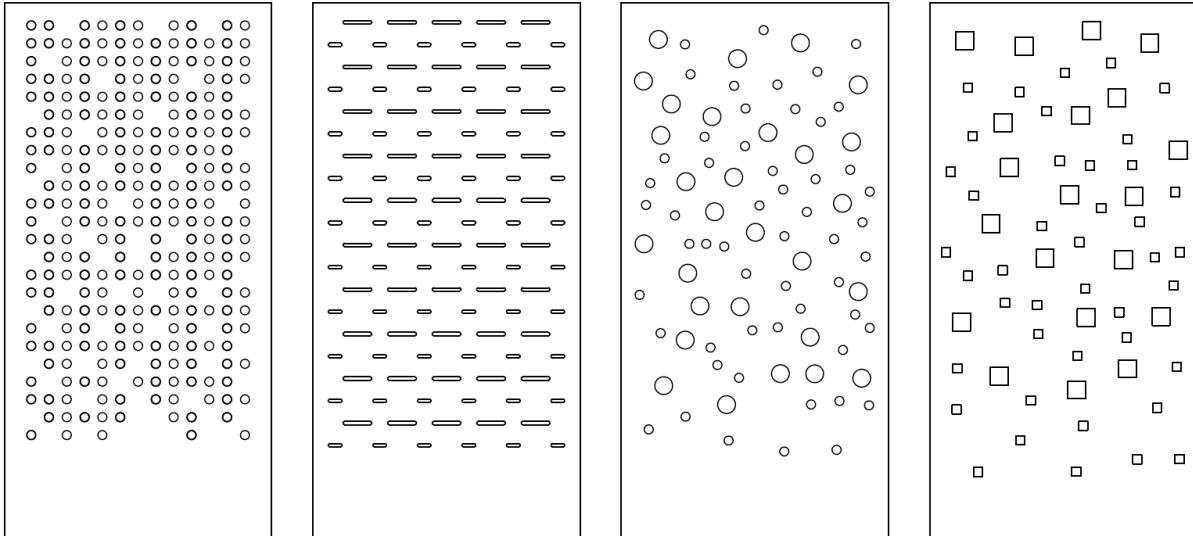
Due to the low air resistance and sound absorption properties of the natural wool felt material, **SonusFelt-Wool.Diviso** achieve sound absorption at a wide frequency range.

For the 3.5 mm thickness wool felt the result of the laboratory test are:

Weighted sound absorption coefficient was $\alpha_w = 0.45$ according to ISO 354:2003 and ISO 11654:1997 (tested on a frame closed at the side with a distance of 20cm to the surface of the room)

STANDARD MODELS

There are two panel options for the standard panels: 1. plain panels without perforation and 2. perforated panels with the following standard perforation patterns:

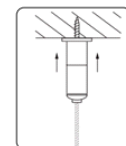


The standard panels sizes are: 73 x 240 cm & 145 x 240 cm

More shapes and sizes can be produced upon request

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



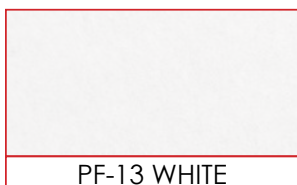
Hanging accessories

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.



PET FELT FINISH - STANDARD COLOR COLLECTION



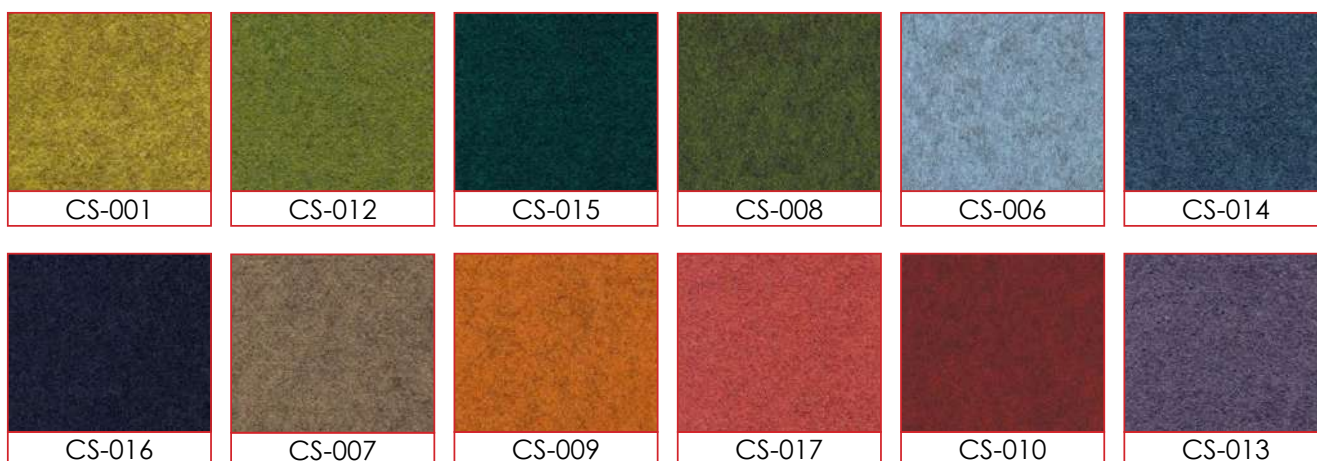
PET FELT FINISH - CUSTOM PAINTED COLORS



Upon request and for certain panel types, custom painted PET FELT FINISH panels are also available adjusted to your project coloring palette. Please contact our technical department for more information.

ACOUSTIC FABRIC ON PET FELT - TWO SIDES COVER COLOR COLLECTION

Upon request and for a certain quantity, both vertical sides covered with special acoustic fabric from Camira Sonus fabric collection. The core colour (white, light grey, dark grey or black) is visible at the edge sides of the products.



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

Here is the wide variety of colors from **ALPHA**coustic-CL.WF collection made of natural wool fabric. They are available only as a cover for the **SonusFelt-Desk**.



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.

LEGAL NOTICE

Because of the reproduction process the quality and colour shown in this catalogue may differ from the real product. Selection of products should always be made from samples. The customer is responsible to check if these information are suitable for the specific, intended application. All technical data is subject to change without prior notice. Our general sales and payment conditions apply. The latest technical data and information can be found in our technical data sheets at alphacoustic.com. The technical information referred in this brochure comes from measurements, tests and prediction calculations made in good faith and objectivity and are guideline values. We do not assume liability for spelling or printing errors.

Further information and updates at www.alphacoustic.com
ALPHA ACOUSTIKI S.A. all rights reserved



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 Friendly, 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.

TECHNICAL CHARACTERISTICS

Composition	90% WO - 10% PL	
Standard thicknesses	3.5 mm, 5.5 mm, 6.5 mm	
Width	150 cm	
Sound Absorption	$\alpha_w = 0,45$ (H) (ISO 11654)	
Flammability	Cigarette Test (EN 1021-1) (BS 5852 ign. 0) - Pass Match Test (EN 1021-2) (BS 5852 ign. 1) - Pass Classe 1 IM (UNI 9175/ 1987) - Pass	
Color fastness to light	4-5 (UNI EN ISO 105 B02)	
Care Instructions*		*For more specific cleaning instructions, please refer to our technical department at tech@alphacoustic.com
Colour Matching	Batch to batch variations in shade may occur with commercial tolerances.	

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.

Selecting the right color combinations for your project, could be a great way to set the mood and tone of your designs. Here is our **SonusFelt-Wool** wide range of colors.



LEGAL NOTICE

Because of the reproduction process the quality and colour shown in this catalogue may differ from the real product. Selection of products should always be made from samples. The customer is responsible to check if these information are suitable for the specific, intended application. All technical data is subject to change without prior notice. Our general sales and payment conditions apply. The latest technical data and information can be found in our technical data sheets at alphacoustic.com. The technical information referred in this brochure comes from measurements, tests and prediction calculations made in good faith and objectivity and are guideline values. We do not assume liability for spelling or printing errors.

Further information and updates at www.alphacoustic.com
 ALPHA ACOUSTIKI S.A. all rights reserved



In TUNE with YOUR needs

ALPHA ACOUSTIKI S.A. combines technical experience and scientific knowledge with its Engineering team, specialized in the field of room acoustics since 1980.

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-BEIN

Our technical department (tech@alphacoustic.com), would be happy to help you improve the Architectural Acoustics in your project.

Notice:

Our products are subject to changes reflecting technical progress and we reserve the right to modify their characteristics at any time. The latest technical data and information can be found in our technical data sheets at www.alphacoustic.com.



CONTACT



ALPHA ACOUSTIKI S.A.
EUID ELGEMI: 004207401000



T: +30 210 6779875



info@alphacoustic.com
www.alphacoustic.com