

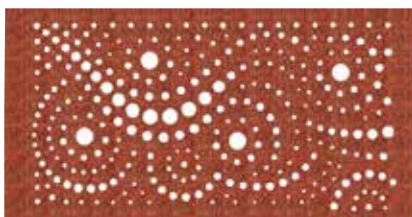


## SONUSøelt Diviso

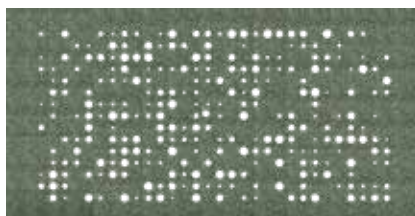
PET FELT ACOUSTIC DIVIDERS

Beyond functionality, we create design. The SONUS Felt DIVISO collection merges acoustic science with architectural elegance through a range of exclusive in-house patterns, engineered to shape sound and enhance aesthetics. Each composition reflects our commitment to innovation, originality, and a unique acoustic identity.

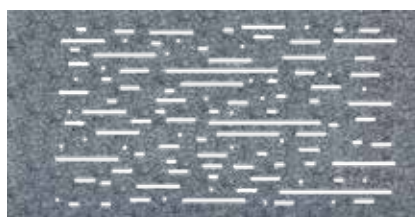
### 1. SonusFelt DIVISO #Spiral



### 2. SonusFelt DIVISO #Spora



### 3. SonusFelt DIVISO #Drop



### 4. SonusFelt DIVISO #Fracta

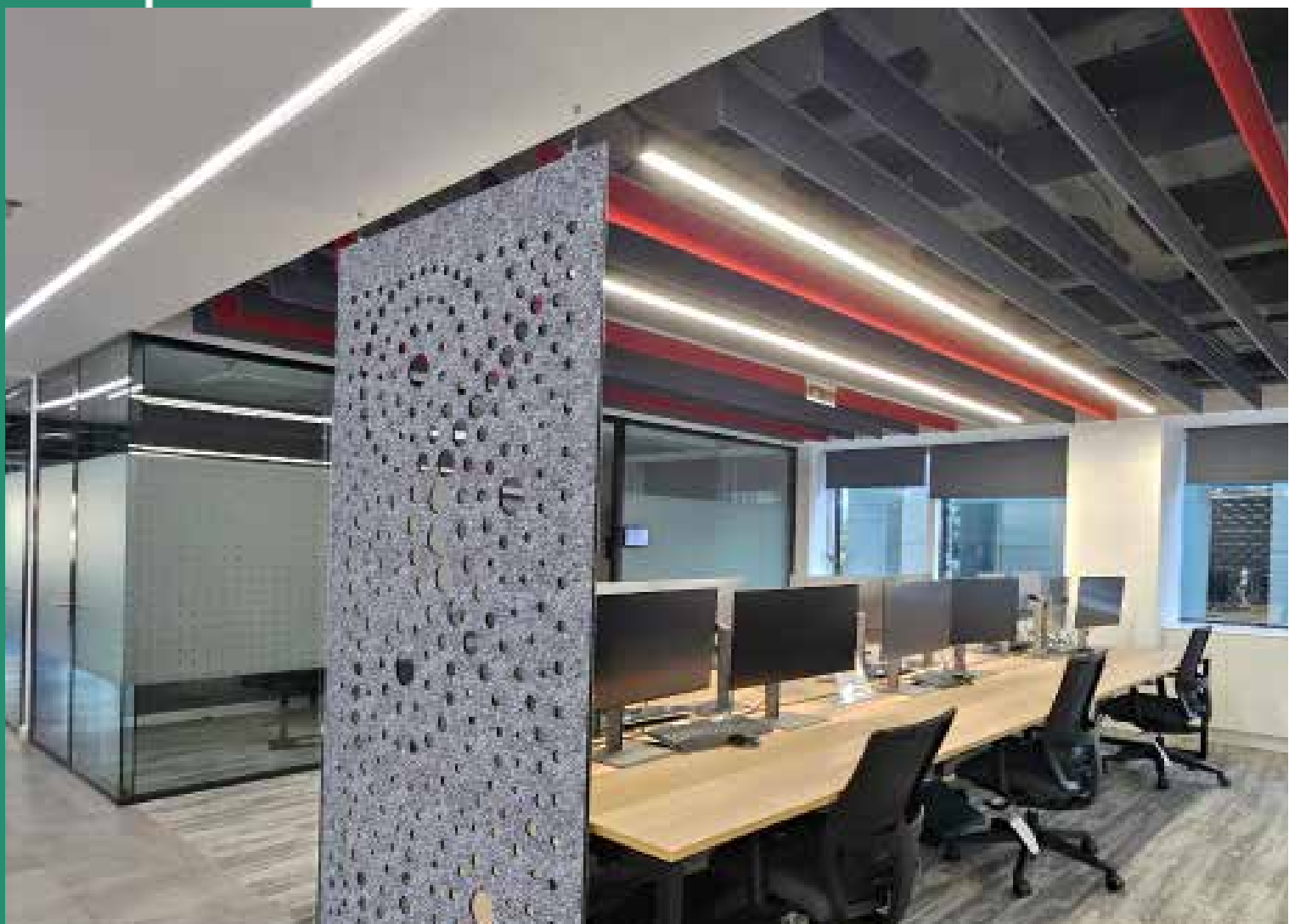


### 5. SonusFelt DIVISO #Leaf



### 6. SonusFelt DIVISO #Flow





# SonusFelt Diviso

## #Spiral

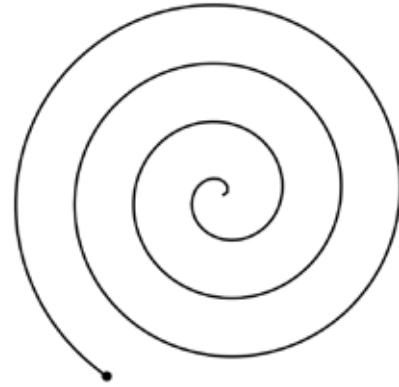


PET FELT ACOUSTIC VERTICAL DIVIDER  
*SPIRAL PATTERN*

# DESIGN INSPIRATION

## Design Concept

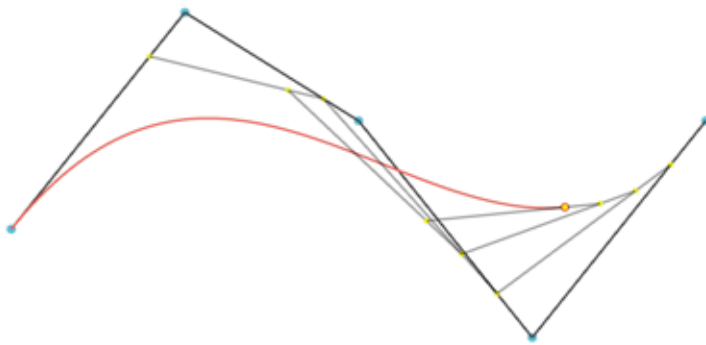
The **SPIRAL** pattern draws its logic from the geometry of the Archimedean spiral, a classical form defined by uniform radial progression. This structure provides a stable, predictable FOUNDATION, enabling an aperture layout that maintains rhythm, balance, and visual coherence across the panel.



## Parametric Geometry

A controlled parametric workflow refines the spiral's trajectory using Bézier-based curvature adjustments.

This approach ensures consistent spacing, smooth transitions, and production-ready toolpaths with high geometric fidelity.



# THE RESULT

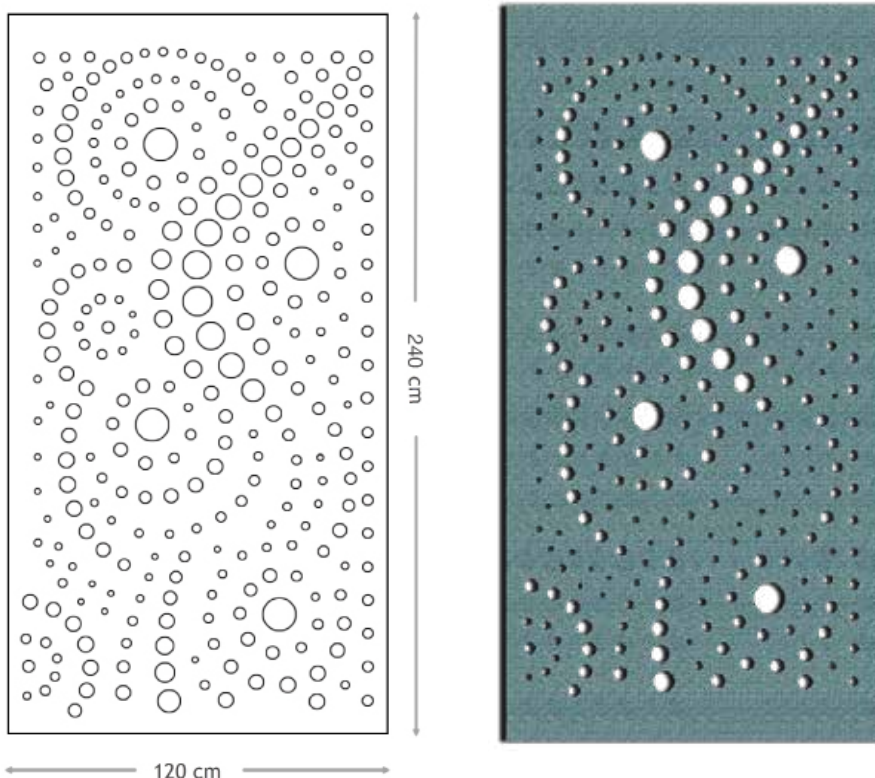
## Design Expression

The result is an acoustic divider that merges classical geometry with modern computational precision. The curvature creates a soft rotational movement, delivering both functional acoustic performance and a sculptural, architectural presence.

### Maximum Dimensions

120 X 240 cm

Note: Other dimensions upon request.



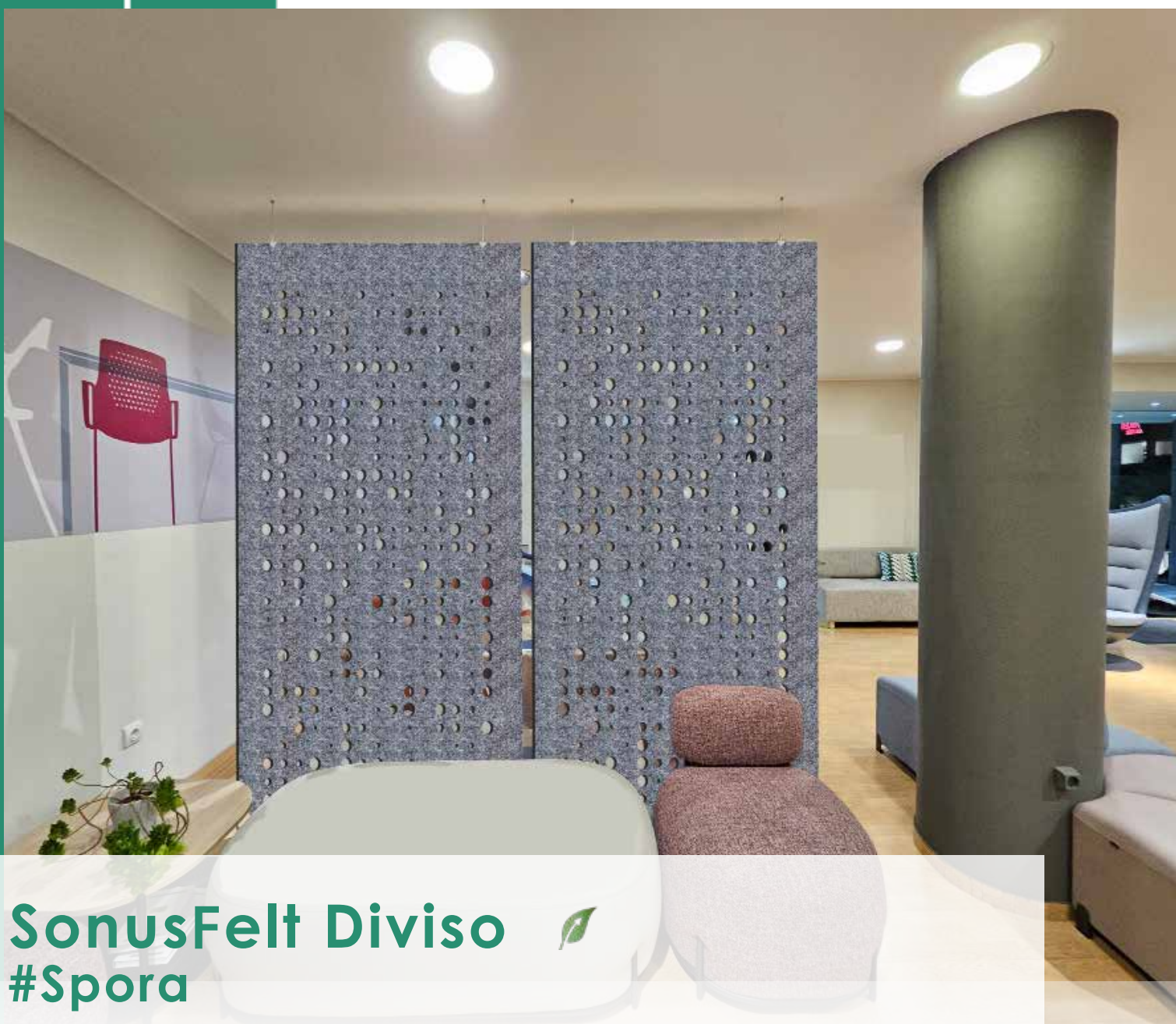
"SPIRAL" Pattern



## TYPICAL APPLICATIONS



“SPIRAL” Pattern



# SonusFelt Diviso

## #Spora

PET FELT ACOUSTIC VERTICAL DIVIDER  
ABSTRACT HOLES PATTERN



# DESIGN INSPIRATION

## Design Concept

SPORA is informed by dispersion patterns found in nature seed distribution, raindrop scatter, and fractal branching. These naturally occurring geometries achieve a balance between randomness and order, supporting human visual comfort.



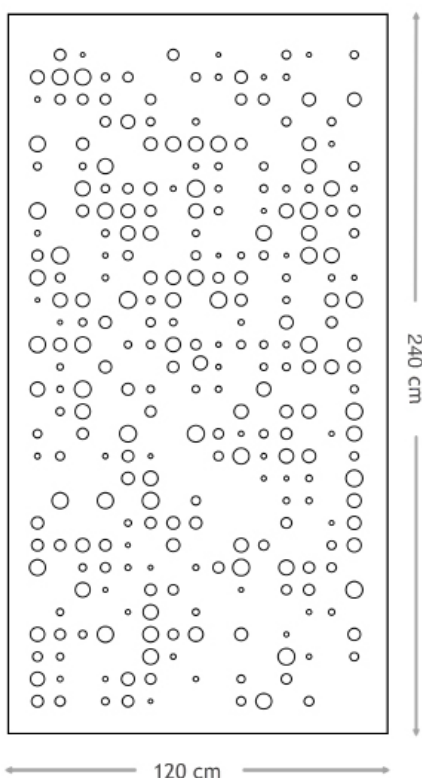
### Biophilic Geometry

The perforation field uses controlled irregularity based on principles observed in fractal research. The outcome is a pattern that feels organic, non-repetitive, and visually calming, offering a counterpoint to the rigid geometries typical of interior spaces.

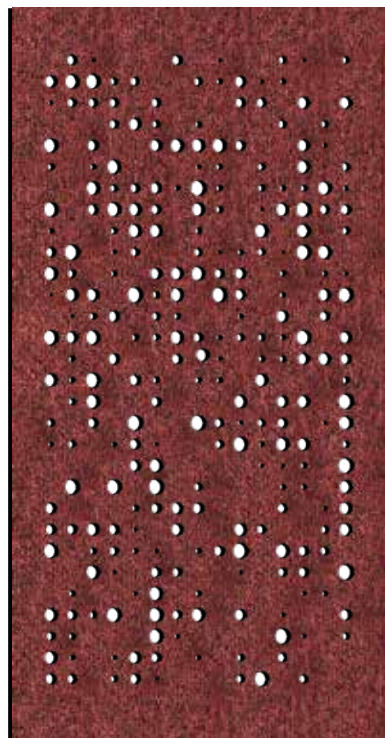
### Acoustic & Spatial Performance

When installed on larger surfaces, Spora contributes to environments designed for focus and well-being. Its irregular patterning supports diffusive characteristics and provides reliable acoustic absorption through the PET felt substrate.

## THE RESULT



“SPORA” Pattern



### Design Expression

SPORA brings natural softness into interior architecture. Its aesthetic adapts effortlessly to modern workspaces, wider corridors, and hospitality environments that benefit from subtle biophilic influence.

#### Maximum Dimensions

120 X 240 cm

Note: Other dimensions upon request.

## TYPICAL APPLICATIONS

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### Natural Hues & Flexible Design

Inspired by the calming tones of mountains, clouds, and trees, SPORA is available in harmonious monochrome (for divisor) or two-tone finishes (without perforated holes for wall application). This versatile palette allows seamless integration into diverse interior concepts. SPORA offers endless composition possibilities for a unique, large-format wall covering or divisor.





# SonusFelt Diviso

## #Drops

PET FELT ACOUSTIC VERTICAL DIVIDER  
*ABSTRACT RAIN DROPS PATTERN*

# DESIGN INSPIRATION

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## Design Concept

Inspired by the quiet irregularity of falling rain, **DROPS** introduces vertical cut lines with varying lengths and spacing. This structured randomness generates a relaxing visual rhythm while maintaining architectural clarity.

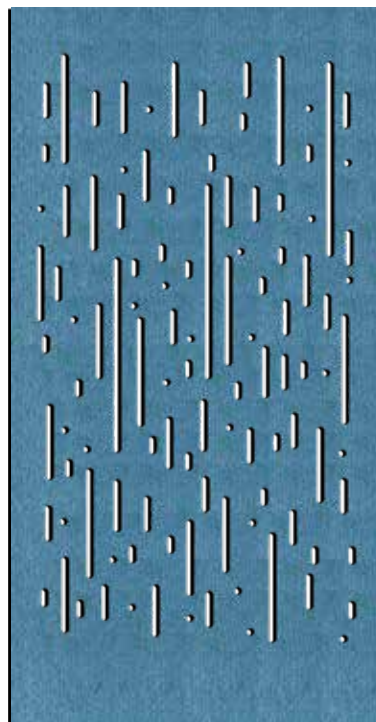
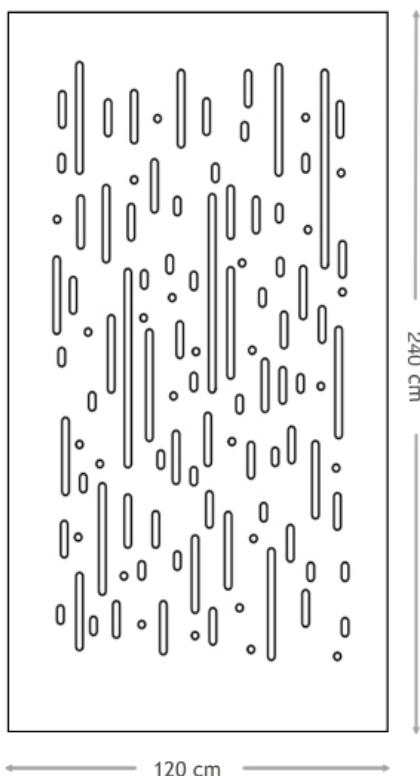


## Geometry & Logic

The non-repetitive alignment of cuts creates a dynamic flow that avoids monotony. This geometric freedom supports acoustic performance by disrupting uniform reflections and enhancing the absorber's effectiveness.

# THE RESULT

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## Design Expression

With its subtle vertical movement, Drops transforms interior surfaces into calm, nature-referencing compositions.

The pattern is particularly suitable for large format installations where visual softness and acoustic control must work together.

### Maximum Dimensions

120 X 240 cm

Note: Other dimensions upon request.

**"DROPS" Pattern**

## TYPICAL APPLICATIONS

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“DROPS” Pattern





# SonusFelt Diviso #Flow



PET FELT ACOUSTIC VERTICAL DIVIDER  
*FLUID WAVE PATTERN*

## DESIGN INSPIRATION

### Design Concept

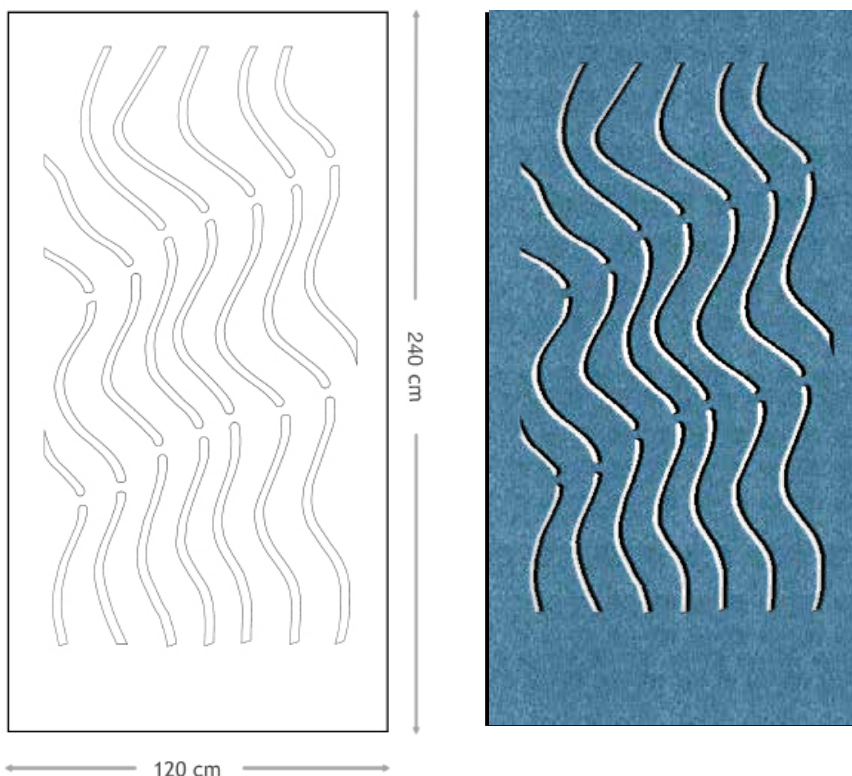
**FLOW** takes inspiration from the continuous movement of sound as it propagates through space. Fluid Wave shaped cut lines form a gentle horizontal rhythm, creating a sense of equilibrium between movement and stillness.



### Geometry & Logic

Each curve is shaped to ensure consistent amplitude and spacing, enabling smooth transitions across the panel surface. The result is a geometry that maintains coherence while delivering a soft, fluid wave pattern visual identity

## THE RESULT



**"FLOW" Pattern**

### Design Expression

Flow brings a sense of organic motion to architectural partitions. It introduces a calming, intuitive directionality that guides the eye naturally across the space and supports a more relaxed, well-balanced acoustic environment.

#### Maximum Dimensions

120 X 240 cm

Note: Other dimensions upon request.



“FLOW” Pattern



## FROM CONCEPT TO SPACE

Imagine the possibilities. **SonusFelt -DIVISO** transforms acoustic design into a refined architectural feature that adapts with precision to the character and purpose of each space.

### Curated Layouts from Our Collection

**SonusFelt-DIVISO** transforms acoustic design into a refined architectural feature that adapts seamlessly to the character and purpose of each space. Inspired by contemporary architecture and spatial harmony, our collection showcases thoughtfully developed layouts that combine design precision with acoustic performance, offering ready-to-apply concepts that bring balance, identity, and elegance to modern interiors.



**SonusFelt DIVISO - FRACTA**



**SonusFelt DIVISO - SLOTS**



**SonusFelt DIVISO - SLOTS**

# CUSTOM PERFORATIONS

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## Designed for You

Each architectural environment has its own acoustic and aesthetic. Sonus Felt DIVISO enables full design flexibility through customized perforation geometries, allowing precise control over both sound performance and visual rhythm.

Patterns can be defined in shape, density, and arrangement to balance absorption efficiency with architectural intent. Our technical team collaborates closely with designers and acoustic consultants to develop bespoke layouts that integrate seamlessly into the overall design concept, turning every panel into a high-performance surface with a distinctive architectural character.



# SonusFelt-DIVISO



PET FELT ACOUSTIC SUSPENDED DIVIDERS

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## GENERAL INFORMATION



## GENERAL INFORMATION

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**SonusFelt-DIVISO** consists of Eco-Friendly PET felt acoustic dividers produced in various sizes and perforation geometries. Panels can be supplied either: with exposed PET felt faces, or covered with acoustically transparent felt or fabric on both sides, depending on design requirements.



### APPLICATIONS

- Acoustic zoning
- Spatial division without solid walls
- Decorative acoustic wall features
- Large-scale interior surface treatments

The manufacturing process allows full customization, enabling unique geometries, bespoke patterns, and project-specific solutions.

## MATERIAL DESCRIPTION

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**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 PERFORMANCE

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The acoustic behavior of suspended PET felt dividers depends on:

- panel thickness
- installation method
- distance from wall
- perforation density and geometry

For typical configurations, the estimated **weighted sound absorption coefficient  $\alpha_w$**  is:

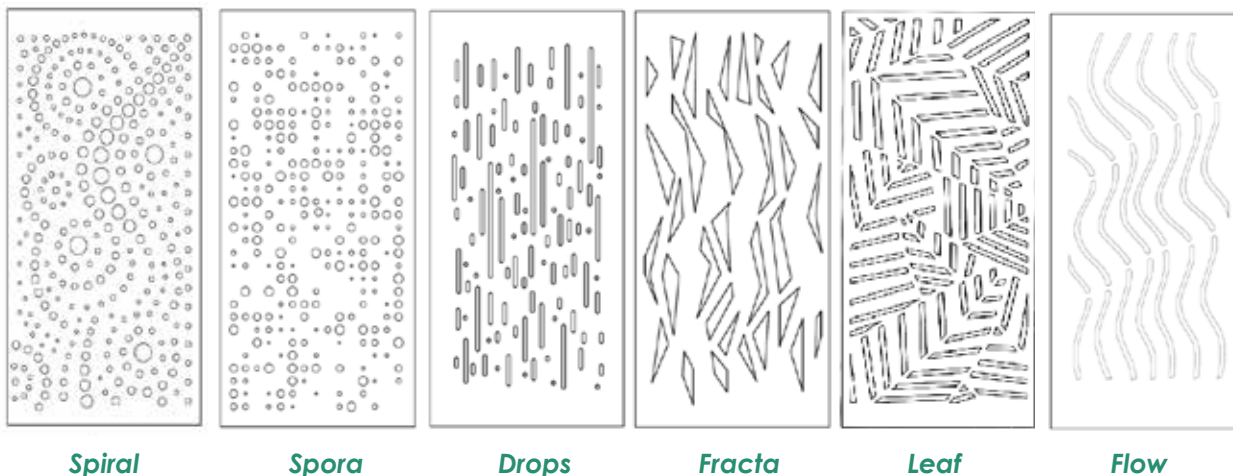
**$\alpha_w = 0.45 - 0.85$**  (according to ISO 11654:1997)

NRC values vary accordingly with pattern openness and installation depth.

## VERSATILE CUTTING OPTIONS

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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.



More shapes and sizes can be produced upon request.

## TECHNICAL SPECIFICATIONS

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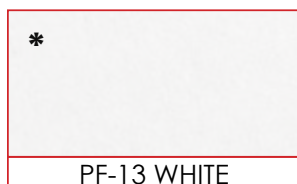
|                                     |                                                                                                                                          |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type:</b>                | PET-fiber acoustic vertical divider                                                                                                      |
| <b>Material:</b>                    | 100% polyester fiber, 65% recycled                                                                                                       |
| <b>Core Thickness:</b>              | 12 mm (other thicknesses on request)                                                                                                     |
| <b>Density:</b>                     | ~190 kg/m³                                                                                                                               |
| <b>Maximum Panel Size:</b>          | 120 × 240 cm                                                                                                                             |
| <b>Surface Finish:</b>              | <ul style="list-style-type: none"><li>• Smooth PET felt (Standard)</li><li>• Optional two-sided acoustic felt or fabric finish</li></ul> |
| <b>Visible Core:</b>                | Black core visible on edges for fabric covered versions                                                                                  |
| <b>Fire Classification:</b>         | MVSS 301 and/or B2,s2,d0 According to EN13501-1                                                                                          |
| <b>Health &amp; Sustainability:</b> | Free from Red List materials                                                                                                             |

## NOTES & INSTALLATION GUIDELINES

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- Background felt color remains visible through perforations.
- Wall installation requires suitable adhesive or mechanical support.
- Tolerances follow industry standards unless otherwise agreed.
- Large-format panels should be handled and stored flat.

## PET FELT CORE - COLOR COLLECTION



PF-13 WHITE



PF-02 LIGHT GREY



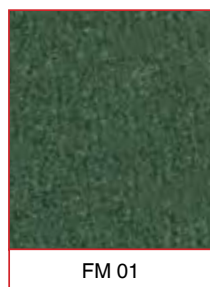
PF-14 DARK GREY



PF-08: BLACK

\* These colors are upon request with MOQ.

## STANDARD FELT FACE COLOR COLLECTION



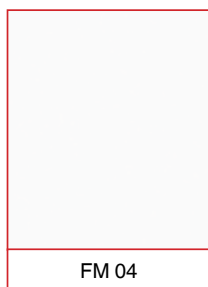
FM 01



FM 02



FM 03



FM 04



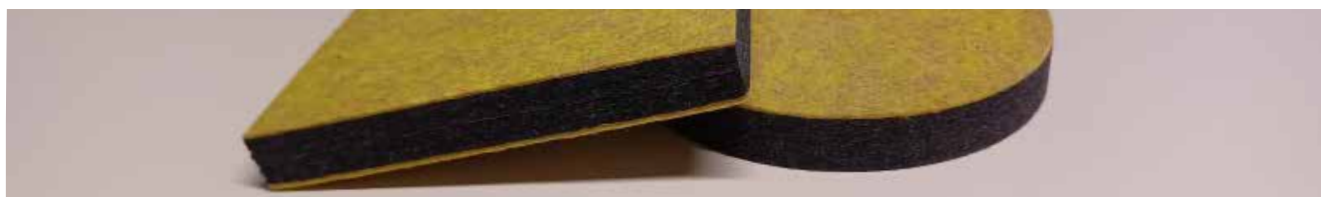
FM 05



FM 06

## ACOUSTIC FABRIC COVER - COLOR COLLECTION

Upon request and for a certain quantity, both vertical sides covered with special acoustic fabric from Camira Sonus fabric collection. The black core colour 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

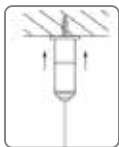


CS-013



## HANGING SYSTEM

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Included hanging system:

**ALPHA**coustic-**HS**: Vertical Hanging system, stainless steel wire suspension with height adjustment.

Note: All DIVISO designs can also be installed as wall cladding, using a suitable adhesive.  
"Background felt color can be customized, the chosen color will be visible through the perforations."

# SonusFelt-DIVISO

## Divide Space

## Elevate Acoustics

## LEGAL NOTICE

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*Due to variations in printing and display, colors shown in this brochure may differ from actual products. Selection should be made from physical samples. Technical characteristics are subject to change without prior notice. Always refer to the latest data sheets available at [alphacoustic.com](http://alphacoustic.com). We do not assume liability for spelling or printing errors*

Further information and updates at [www.alphacoustic.com](http://www.alphacoustic.com)  
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**45+** years  
In **T**UNE with **Y**OUR needs

**ALPHA ACOUSTIKI S.A.** unites decades of acoustic expertise  
with in house production capabilities,  
led by an Engineering team active in 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-BEING

**SUSTAINABILITY**  
SEE OUR ACTIONS



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

### GET IN TOUCH



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