



#### **About Us:**

At **Sounds And Spaces**, we introduce internal Acoustic Solutions in a new pattern, our products and technology combine easy to install systems with an attractive decorative appearance that solve almost every noise problem from sound proofing, sound absorbing, echo elimination to vibration control.

We undertake acoustic projects of any size serving different segment, from Residential, Hospitality, Education, Health & Sport, Governments, Military, and Commercial buildings.

#### **Our Mission**

To create quiet and unique spaces that leaves memorable experience for every client we serve

## **Our Vision**

To be the number one choice for space comfort through *Great People*, *Great Products*, *Great Service* 



# **Our Services**

#### Acoustic Design

We use powerful acoustical design software that enables us to simulate and evaluate almost every project to meet the desired criteria.

#### Acoustic Products

We offer complete rage of acoustic materials from sound proofing to sound absorbing, acoustic flooring and many more products.

#### Acoustic Contracting

We undertake projects of any size combined with our products we ensure the highest acoustical performance of a any space.

#### Furniture & Finishing

We supply Auditorium seating, Cinema Seating, Acoustic booth, and decorative wall cladding and other finishing.

Design . Supply. Install.

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Design . Supply. Install



- Sound transmission design and analysis
- Sound Masking design
- Interior Room Acoustic design
- Seismic design
- Vibration & Shock Isolation design

Residential

Commercial

Industrial

# **Acoustic Design**



#### **Sound Proofing**

- Mass Loaded Barrier
- Sound Proofing Membrane
- Water-Pipe Sound Proofing
- Acoustic Booth
- Outdoor Sound Barrier
- Customized Sound Proofing Systems

#### **Vibration Control**

- Spring Vibration Isolators
- Neoprene Isolators

#### **Sound Masking**

- Sound Masking for VIP Rooms
- Sound Masking for offices

#### **Acoustic Treatment**

- Acoustic Wood Wool Panel
- Acoustic Wood Panel
- Acoustic PET Panel
- Acoustic Fabric Panel
- Acoustic Baffle
- Acoustic Room Divider
- Acoustic Ceiling Tile
- Acoustic PU Foam Panel
- Wooden Diffuser
- Corner Bass Trap
- Acoustic HVAC Treatment

# **Acoustic Products**





# **Wood Wool Panels:**

Sound Absorbing Wood Wool is a sound insulation board consisting of wood wool bound with cement. The board is used to improve room acoustics in both residential and non-residential buildings, such as commercial, industrial, and public buildings, offices, schools, sports halls.

Size: 1200 x 600mm, 2000 x 600mm (other size available)

Thickness: 15mm, 20mm, and 25mm

Colour: Natural, custom paint colour available

#### **Technical properties:**

Woodfiber acoustic board according to EN 13168 and EN 13964 Superfine wood fiber (approx. 1 mm)

CHARACTERISTICS	FIBRO-KUSTIK BARCELONA		
Thicknesses (mm)	15	25	35
Surface mass (kg/m²)	7.8	12	16.30
Acoustic Absorption (aW)	From 0.30 to 0.80		
Reaction to fire (EN 13501-1)	B-s1, d0		
Mechanical strength (EN 13964)	Class 1A in 25 and 35 mm screwed installation		
Durability (EN 13964)	Class C		





















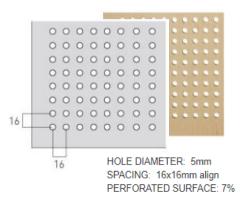
# **Perforated Acoustic Panels:**

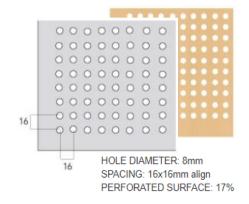
Perforated panels are the most economical way to get an acoustic treatment with a high degree of absorption. With several variations of patterns and hole diameters, different levels of absorption and aesthetic results can be achieved. Acoustic correction. Applicable to walls and ceilings.

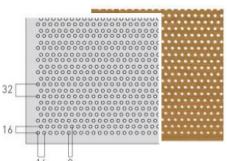
Size: 2400x600 and 1200x60mm. (other size available)

Thickness: 16mm

Finishing: raw, melamine, veneer.







HOLE DIAMETER: 5mm SPACING: 16x16mm altern PERFORATED SURFACE: 7%









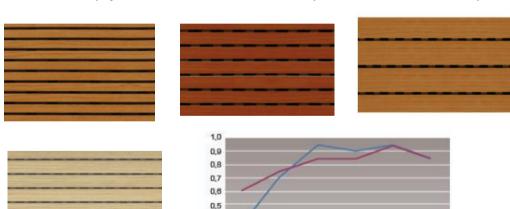


# **Grooved Acoustic Panels:**

Acoustic panel system with high technical and aesthetic qualities. It has a high absorption coefficient. Aesthetically it has a linear design, elegant and discreet, very suitable for high acoustic treatment. Applicable to walls and ceilings.

Size: Length 2430mm Thickness: 16mm

**Finishing:** standard or fireproof versions. Surface finishes melamine, plywood, varnished or lacquered. Other on request.

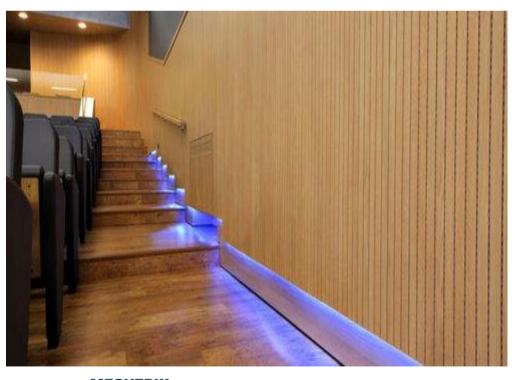


0,4



250 Hz 500 Hz 1000 Hz 2000 Hz 4000 Hz













# Flexible Acoustic Panel:

Decustik by dukta manufacturing system give the wood flexible properties and acoustic absorption. The studied incisions in the wooden panels convert them into flexible, acoustic and beautiful

















# **PET Acoustic Panels:**

#### WHAT IS PET FELT?

PET felt is made of recycled polyester (the type of plastic found in water bottles) that becomes a soft, yet strong felt material. Durable in nature, PET felt can be recycled at the end of its life

#### **Specification:**

Material: 100% polyester

Acoustic Rating: from NRC 0.45 Thickness: 9mm, 12mm, 25mm Colours: 20 standard colours

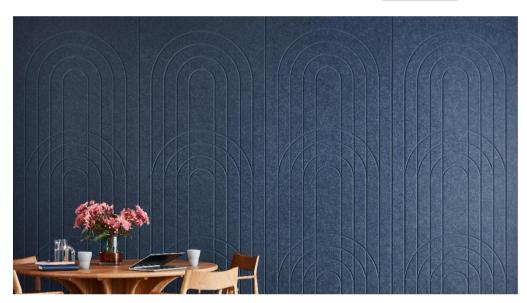
Application area: Interior spaces only

Cutting: Knife or CNC Care Instruction: Vacuum

#### **Benefits:**

- Excellent acoustic performance
- Wide range of colours, designs, sizes
- Easy to install
- Durable
- Easy to clean

























Room Dividers







# **Acoustic Flooring:**

Reduce Impact an vibration, Impact sound insulating underlayment can be used for various floor structures, under screed beds, floating floors, timber flooring and ceramic tiles.

Impact Insulation Class(IIC) up to 62 depending on constructing

#### Material

PUR-bonded recycled rubber granules



12.15 kg/sheet - 3.60 kg/m<sup>2</sup>

#### **Dimensions**

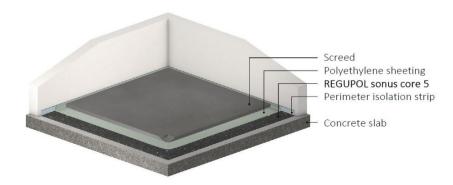
Length: 2,250 mm, Width: 1,50 mm, Thickness: 5 mm

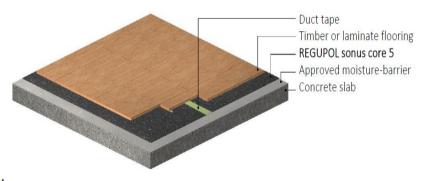
#### **Applications**

Under screed beds and other floating floors, timber flooring, ceramic tiles for both residential and commercial use

#### Certification

GreenCircle certified for recycled content and can potentially qualify for up to 8 LEED points













# **Acoustic Fabric Panels:**

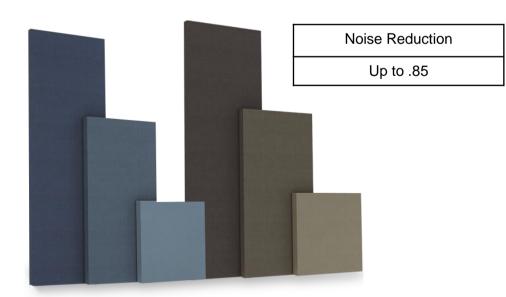
Acoustic Fabric Panels are fabric wrapped sound absorbing panels mounted directly to walls and ceiling or other surfaces in space to reduce echoes and background noise, greater clarity to original sound is created.

Size: 600mm x 1200mm, 400mm x 1200mm (other size available)

Thickness: 24mm, 40mm, 50mm, 100mm

Shapes: Square, Rectangle, Circle, Rectangle, Hexagon

Finishing: Acoustic Fabric.







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# **Acoustic Baffle:**

Acoustic Baffles reduce overall noise and reverberation levels, these baffles are suspended from the ceiling as vertical baffles.

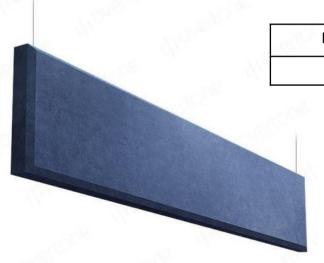
**Size:** 600mm x 1200mm (other size available)

Thickness: 25mm, 50mm

Shapes: Rectangle, other shapes available on request.

Finishing: Acoustic Fabric.





Noise Reduction

Up to .85

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# **Acoustic Fabric Divider:**

Acoustic Fabric Room Divider are fabric wrapped sound absorbing stand alone dividers easy to move and relocate in any part of the room or between spaces to reduce echoes and background noise ideal for offices

Size: Customized

Thickness: 50mm, 100mm

**Shapes:** Rectangle, other shapes available on request.

Finishing: Acoustic Fabric.



Noise Reduction

Up to .85

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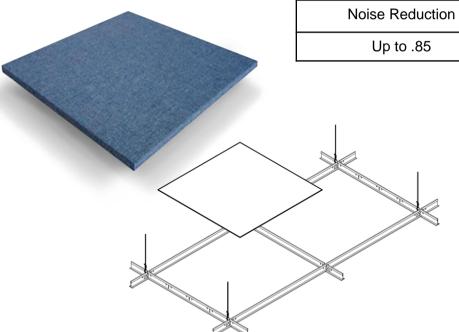


# Fabric Acoustic Ceiling Tiles:

Acoustic Ceiling Tiles are fabric wrapped sound absorbing tiles ready to install on ceiling frame. It improve the acoustic environment in a space by absorbing noise while having a decorative finish

**Size:** 600mm x 600mm. 1200mm x 600mm

Thickness: 25mm, 50mm Shapes: Rectangle, Square Finishing: Acoustic Fabric.



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# **Acoustic Foam Panels:**

Acoustic Foam Panels are resilient Micro-Cell Open Cell Polyurethane Foam. Effective in reducing reflected noise and reverberation time (echo) for a better sound environment. Designed to absorb wide range of frequencies

Size: 500mm x 500mm or Based on Design

Thickness: 25mm, 50mm, 100mm

Shapes: Based on design.

Finishing: Charcoal, Black, other colours available on request



Noise Reduction

Up to .75







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# **Mass Loaded Barrier:**

It is a polymer based, bitumen-free, high density synthetic membrane.

The combination of its viscoelasticity and its high-density offer good sound-insulation in different construction elements without increasing the thickness.

#### **Technical properties:**

CHARACTERISTICS	Test Method	Weighted sound reduction index R <sub>W</sub>	
TECSOUND 35	-	23	dB
TECSOUND 50	EN ISO 10140-2	25	dB
TECSOUND 70	EN ISO 140-3	28	dB
TECSOUND 100	EN ISO 10140-2	32	dB

CHARACTERISTICS	Test Method	TECSOUND	Unit
Density	-	2.010	Kg/m <sup>3</sup>
Tensile strength	NT-67	>30	N/50mm
Elongation	NT-67	> 500	%
Pliability	EN 1109	-25	°C
Application temperature (1)	-	5 up to 35	°C
Static Service Temperature	-	-10 up to 70	°C
Resistance to tearing (nail shank)	EN 12310-1	153-235	N/50 mm
Fire classification	UNE-EN 13501-1	B-s2,d0 <sup>(2)</sup>	-

Available with:











# Water Pipe Soundproofing:

It is a soundproofing complex made out of Tecsound membrane bonded to non-woven porous polyester fleece.

Suitable for all types of pipes: PVC, Fibre Cement, and Metal Insertion loss of airborne noise = 14



#### TECSOUND® TUBE S

- Thickness → 4,75 mm
- Dimension of roll → 8 x 0.4 m

#### The +

- . Low thickness helps installation.
- Suitable for new and refurbishement jobs.
- Does not crack or break at low temperatures.
- Practical use: suitable for use in confined spaces,flexible and adaptable to elbows and branches.
- Excellent ageing resistance.
- . Easy to handle and cut.
- . Easy and quick installation directly on the pipe.
- New version with self-adhesive strips for positioning and overlapping eases the installation
- High performance : significant reduction of airborne and impact noise.

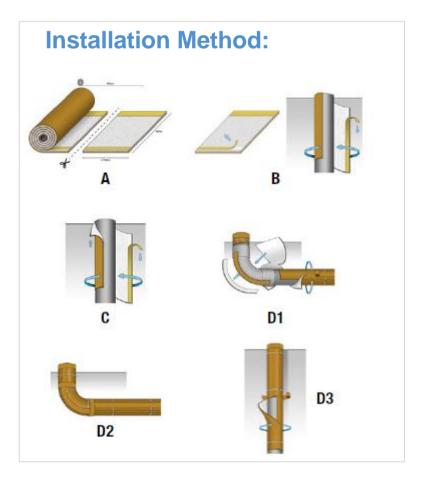








Information on the level of emission of volatile substances in indoor air, presenting a risk of toxicity by inhalation on a class scale ranging from A+ (very low emissions) to C (high emissions).









Industrial grade portable noise reduction panels and modular noise enclosures for a wide range of industries, including:

- Construction & infrastructure
- Equipment rental
- Real estate development
- · Demolition and events companies

#### **H9 Echo Barriers** can be attach to:

- Fencing
- Scaffolding
- □ Piling and other structures

#### **Technical properties:**

- 43 dB reduction, 100% absorption
- Lightweight (5.5Kg) for easy one person handling
- Waterproof and weather resistant
- Industrial durability
- Fire resistance (Tested to BS 7837-1996 / ASTM E84 / EN 13501)
- Safe to handle
- Tensile tested (5.85kN vertical, 1.1kN horizontal)
- Very effective in the control of dust and light pollution.













# Wooden Diffusers:

Wooden Diffuser is a beautiful 2D sound diffuser made from wood, the design provides excellent mid-frequency diffusion from 400-4000+ Hz.

Size: Based on Design

Wood Type: White, Oak, Cherry wood ...etc

Colour/ Paint: based on design



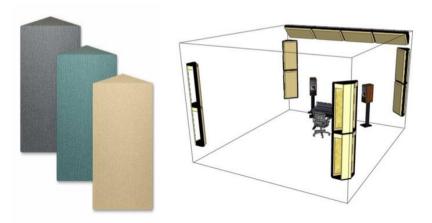


# **Corner Bass Trap:**

Bass Trap is a low frequency bass absorber covered in acoustic fabric, which gives a premium finish to any room. Suitable for staircases, broadcast and recording studios, home theatres and houses of worship

Size: Based on Design

Colour: wide Colour Available



**SOUNDS & SPACES** 





# **Acoustic Duct:**

It is pre-insulated acoustic duct easy to assemble and install.

Climaver achieve maximum acoustic absorption and keep noise levels to a minimum.



- -Enhanced Acoustic comfort
- -Excellent Fire protection
- -High Energy Efficiency
- -Fast Installation
- -Light in Weight

Up to 75% Noise reduction





# **Acoustic Return Air Canopy:**

Return Air Canopy is easy to use and install solution for return air noise and improving speech privacy. Canopy must be installed directly above return grilles.

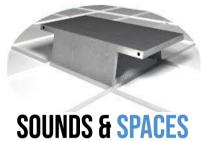
Outer Surface: Powder coated GI Size: 30cm x 60cm or 60cm x 60cm

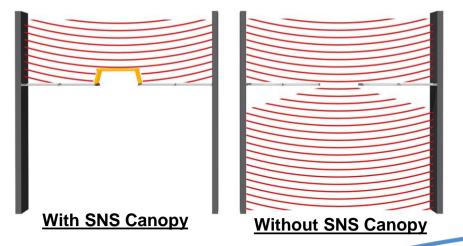
Height: 18cm

Noise Reduction: .55

Thickness: 25mm, and 50mm

Colour: White, Black









# **Acoustic Booth:**





#### **Sound Insulation**

In our designing process, we fully utilize acoustic simulation software such as INSUL MARSHALL ACOUSTIC to iterate and obtain optimal acoustic performance.

Our booth is consistent with the standard of environmental rating Design value: Rw+Ctr 30 db (+5 db) and RT0.75 s (+0.1 s).





#### Lighting

Equipped with 4000 K daylight color temperature LED lighting system (150 LX), it would satisfy the needs of normal activities. In the event of additional power requirements, a backup power supply is readily installed inside the booth.







#### Ventilation

Low noise air ventilation system with maze-like internal layout to ensure necessary air circulation in three minutes, while preserving soundproofing attributes of the booth.



# **Vibration Controls:**



**Cup Spring Mount** 



**Inertia Base** 



**Closed Spring Isolator** 



**Open Spring Mount** 



**Enclosed Spring Isolator** 



**Case Spring Mount** 



# Neoprene Isolators



**Easy Mount** 



**Turret Mount** 



**Neoprene Hanger** 



**Waffle Pad** 



**Ribbed Mounting Pad** 



**Metal Sandwich Pad** 



**Cork Sandwich Pad** 



# **Vibration Controls:**

Seismic



**Restrained Spring Mount** 



**Seismic Restraint Snubber Type-1** 



**Restrained Spring Isolator** 

**Acoustic Isolations** 



**Wall Mount Bracket** 



**Wall isolation Clip Type 1** 



Wall isolation Clip Type 2



#### **Furniture**

- Auditorium Seating
- Home Theatre Seating
- Cinema Seating
- Ergonomic Furniture

#### Other Products

- Safe Pads
- Panel Fixing Accessories
- Panel Suspension Systems
- Door Seal
- Drop Down Seal

# **Furniture & other Products**



# **Auditorium and Cinema Seating:**

#### SKYSERIES

SKY lecture theater seat is renowned for its comfort, function, and versatility. It is ergonomically shaped with a contoured back and focuses particular attention on lumbar support and encouraging correct posture.





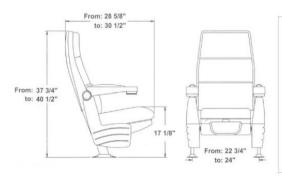
It is available as a floor, beam or riser mounted seat and is virtually maintenancefree. Lecture theatres achieve excellent utilization of space with this seat which is suitable for both radial and straight Jayouts.

The combination of design and comfort makes the series the ideal choice to equip Auditorium and Theater Halls, Conference and Convention Centers, Performing Arts Centers, Corporate and Public Building Halls, Education and School Halls.











#### ROYALSERIES

ROYAL is the most important version in the collection, where the classic elegance of the backrest and the soft line of the seat combine all the features of functionality and ergonomics, expressing them at their best.





# **Home Theatre Seating:**







VIP

Genuine Leather single seating











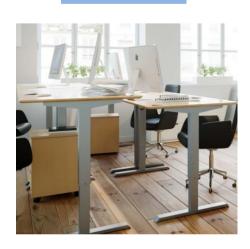
# **Ergonomic Furniture:**

# Chairs





### Desk





## **Monitors & Desk Converter**











# Safe Pads:

Sounds & Spaces Safe Pad offers a high-quality gym wall pad that provides maximum player protection. Manufactured in a one-piece construction, these pads are fully wrapped with a vinyl-coated polyester covering. It meets the strictest off-gassing standards contributing to a safer, healthier indoor environment for school age children

Size: As per request

Thickness: 50mm, 75mm, 100mm Finishing: PVC Cover 1.0 mm ± 0.1

Colors:





# **SOUNDS & SPACES**



# **Panel Fixing:**





#### Type 1

Connects parallel panels where the emphasis is on strength. Highly versatile, it can be surface-mounted or semi-recessed into the panel, orientated for vertical or sideways assembly.



#### Type 1 Flush

For applications where panelto-panel contact is required. It fits a simple oval rebate and can be recessed into the edge of a panel of at least 1.1" thick or the face of a panel of at least 0.75" thick.



#### Type 1 Bonded

For use where screw-fixing to the panel is not possible and bonding is the preferred option. It can be either surface-mounted or semi-recessed and works with a broad range of materials.



#### Type 1 Metal

Ideal for use with fireretardant panels and in demanding applications, the Type 1 Metal is a highperformance fastener that has been independently tested for strength and under shock loads and vibration.



#### Type 2

Connects panels at 90° and engages with a straight push. It allows panels to be easily removed, for example to access services behind, and its special blue Button makes reassembly easy and accurate.







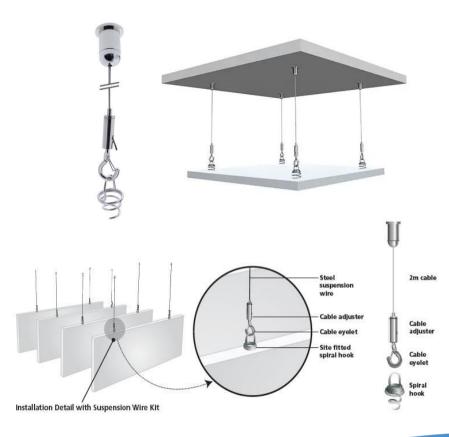


# **Acoustic Door Seal:**

Elegant and resistant, this model is created for external application on new or installed doors. It has an high sound insulation and it's available in different colors. Acoustic Applique is supplied with activating kit included.



# **Suspension Kit:**





# **Our clients:**































