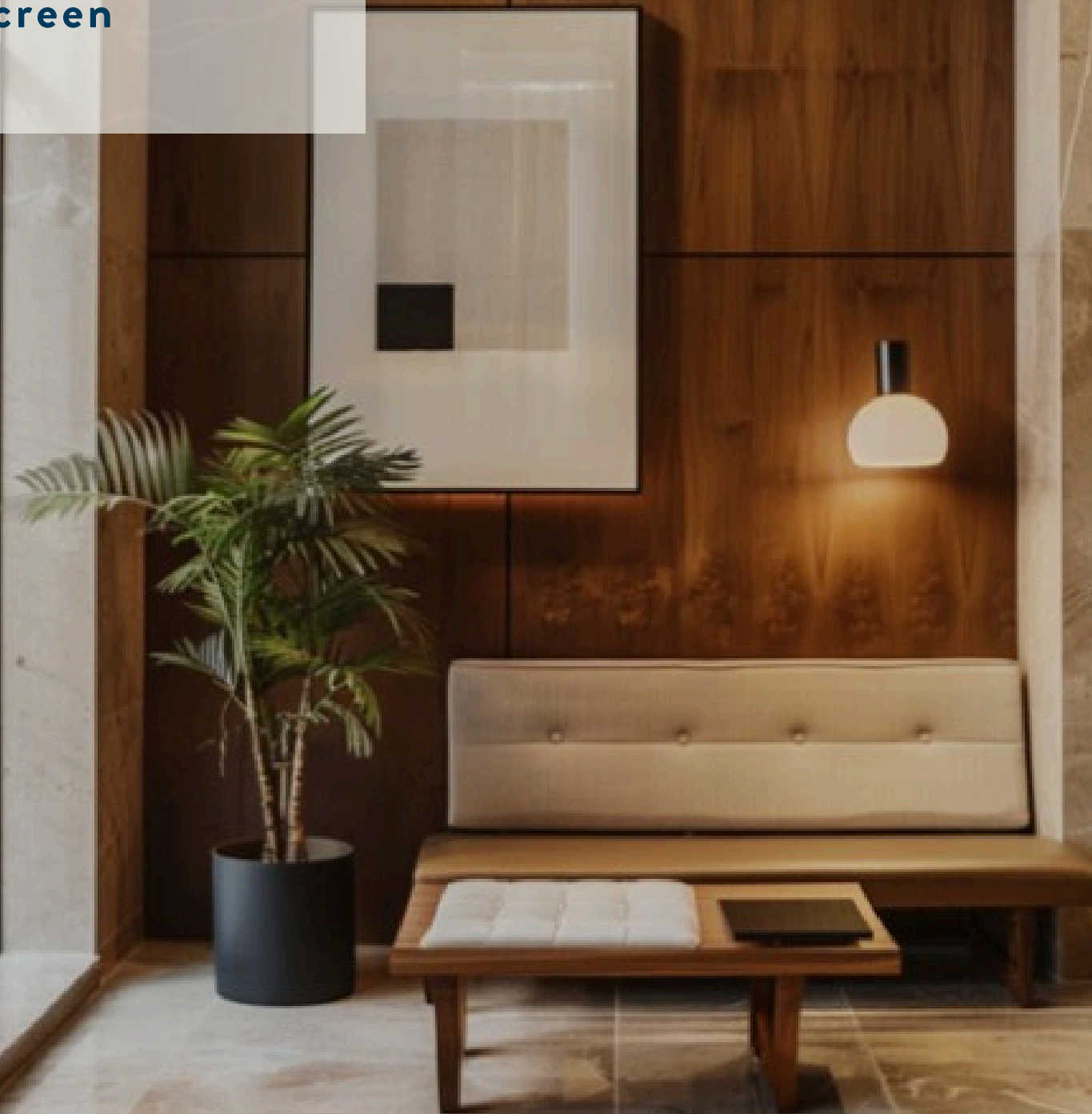


Tonus Hanging Screen



TM



Tonus Hanging Screen **PET Felt Acoustic Hanging Screen**

Revitalise your space with Tonus Free hanging Screen, an acoustic innovation crafted to effectively manage echo and reverberation. Its intricate designs, skilfully carved into the PET material, enhances the visual allure of spaces including offices, conference rooms, open-plan living areas, or any area requiring acoustic enhancement.



Tonus Hanging Screen Connect

Product Features

- Suspended acoustic hanging screen for high sound absorption
 - Engineered to minimise echo and reverberation effectively
 - Made from recycled PET
 - Design-led patterns to enhance aesthetic appeal and elevate your décor
 - Helps increase privacy in open spaces
 - Lightweight and easy installation
-



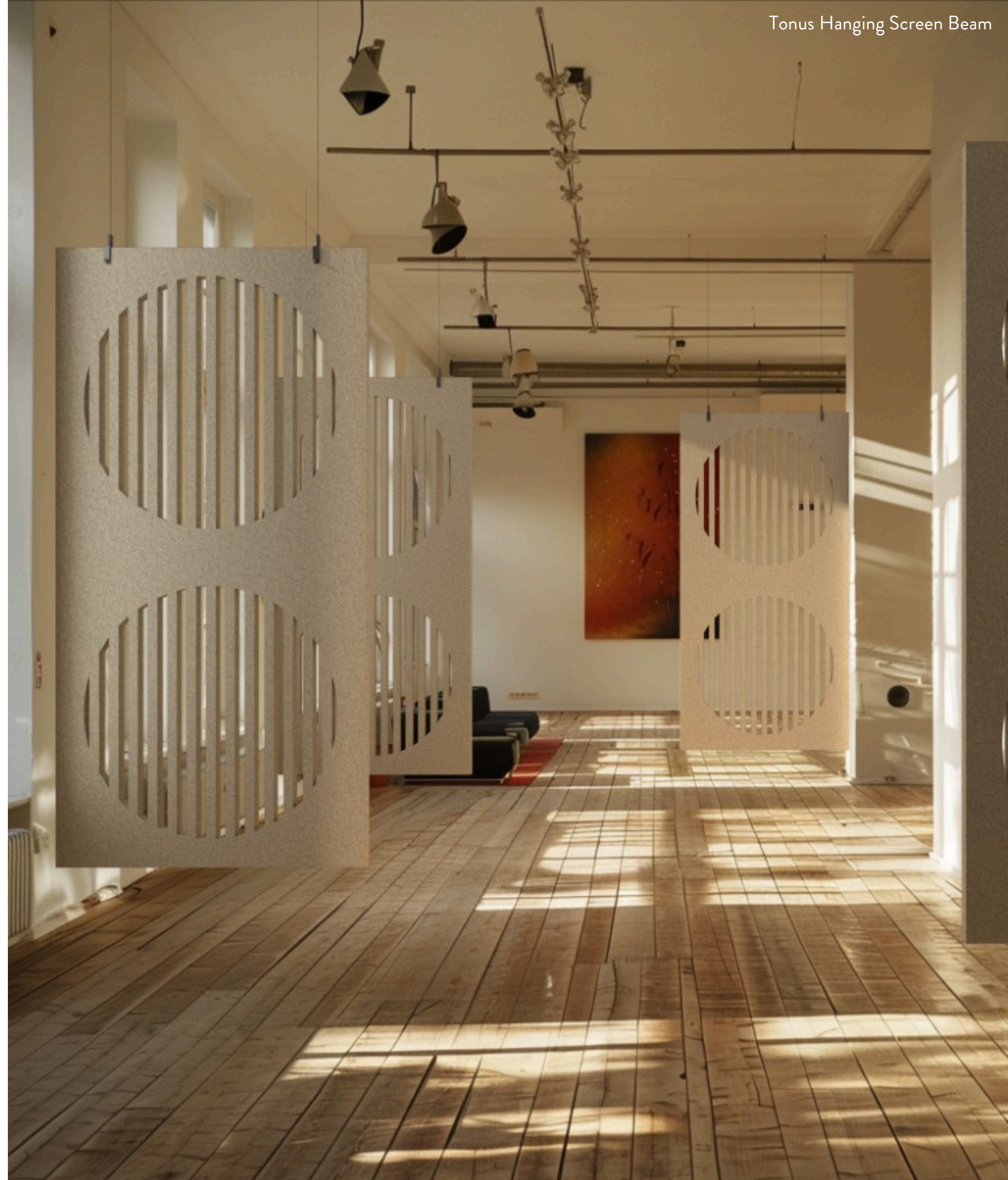
Tonus Hanging Screen Beam

Tonus Hanging Screen Beam features vertical line cut-outs in two circular patterns. It is expertly crafted from a full PET sheet to enhance privacy and absorb noise. These stylish acoustic screens seamlessly blend functionality with modern design.

2400 x 1200 x 12 (mm)

2400 x 1200 x 24 (mm)

SOLD PER SCREEN



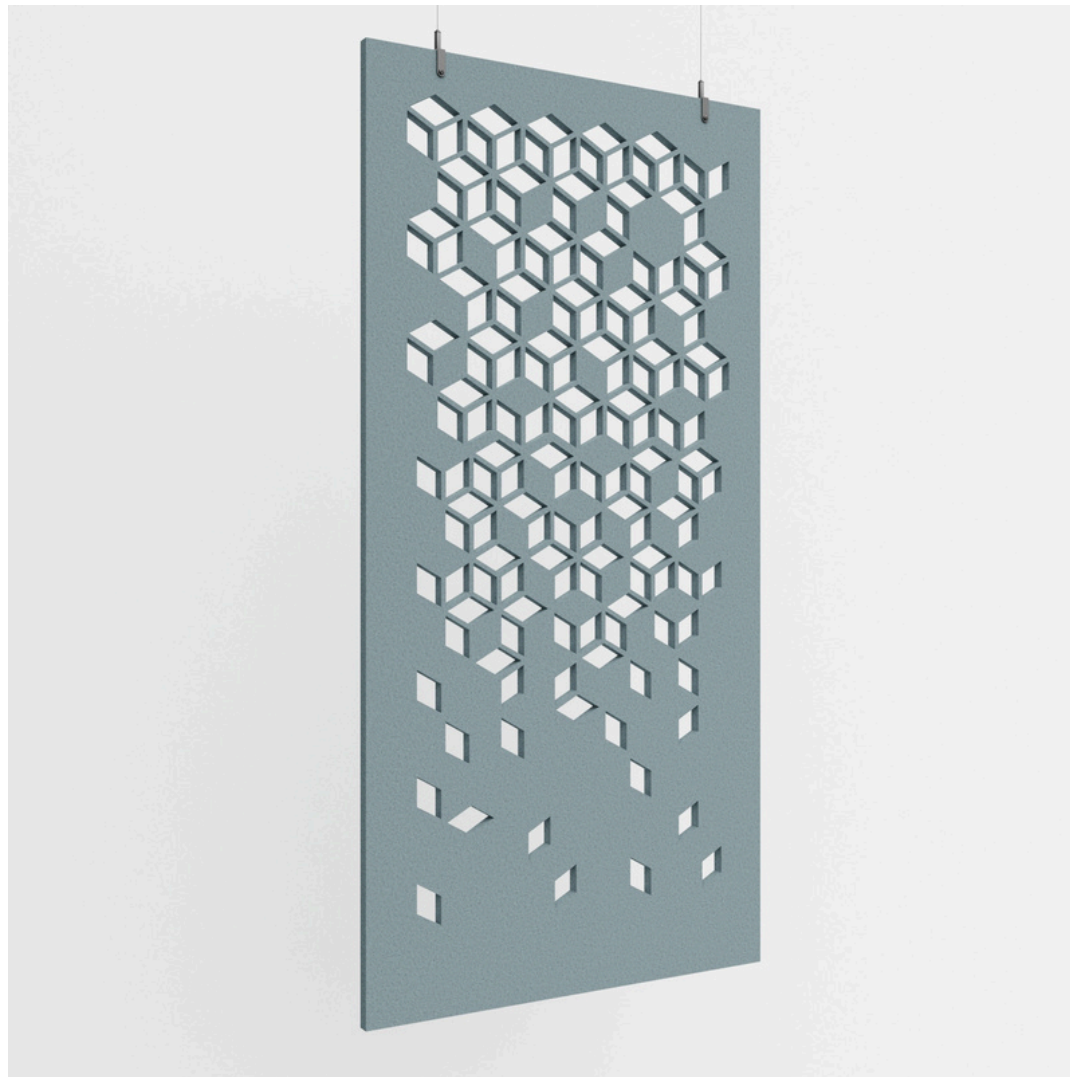


Tonus Hanging Screen Connect

Tonus Hanging Screen Connect, featuring multiple circular cut-outs, is crafted from full PET sheets to enhance privacy and absorb noise. These contemporary screens elegantly merge functionality with stylish design.

2400 x 1200 x 12 (mm)
2400 x 1200 x 24 (mm)

SOLD PER SCREEN



Tonus Hanging Screen Diamonds

Tonus Hanging Screen Diamonds features striking diamond-shaped cut-outs, crafted from recycled polyester to increase privacy and reduce harsh sounds. This screens combines practicality and character.

2400 x 1200 x 12 (mm)
2400 x 1200 x 24 (mm)

SOLD PER SCREEN





Tonus Hanging Screen Hexa

Featuring a captivating pattern of hexagonal cut outs, Tonus Hanging Screen Hexa is crafted from a sheet of recycled PET to improve privacy and dampen noise. This screen provides practical benefits whilst also adding dimension and personality to your space.

2400 x 1200 x 12 (mm)

2400 x 1200 x 24 (mm)

SOLD PER SCREEN



Tonus Hanging Screen Porthole

Complimenting our Beam design, Tonus Hanging Screen Porthole features the same vertical cut outs but in one circular pattern, a simple yet striking design. These stylish acoustic screens seamlessly blend functionality with modern design.

2400 x 1200 x 12 (mm)
2400 x 1200 x 24 (mm)

SOLD PER SCREEN





Tonus Hanging Screen Rainfall

Tonus Hanging screen Rainfall features an elegant design with lines of varying lengths cut out from a full sheet of recycled PET, enhancing privacy and absorbing noise, making this a stylish and functional addition to your environment.

2400 x 1200 x 12 (mm)

2400 x 1200 x 24 (mm)

SOLD PER SCREEN



Tonus Hanging Screen Split

Tonus hanging Screen Split showcases a dynamic design with multiple line cut-outs flowing in two different orientations. This unique acoustic screen offers practical functionality and also introduces a touch of dimension and personality to your space.

2400 x 1200 x 12 (mm)
2400 x 1200 x 24 (mm)

SOLD PER SCREEN



Enhance privacy with design-led patterns

Enhance your interiors with a product that seamlessly integrates form and function, delivering exceptional sound absorption alongside a refined design. Tonus Hanging Screen serves as an optimal solution for enhancing privacy in open environments, ideal for creating serene, focused zones without compromising on aesthetics

Installation

How to install Tonus Hanging Screen

Step 1. Prepare Top Hat:

- Determine the appropriate placement area on the soffit., mark the location and securely install the top hat and adjustable wire hanging kit using suitable fixings.

Step 2. Prepare Clamps:

- Each Tonus Free-Hanging Screen is equipped with 2-3 clamps, depending on its size.

Step 3. Position Clamps:

- Space the clamps approximately 150mm to 200mm from the edge of the Free-Hanging Screen.

Step 4. Insert Clamps:

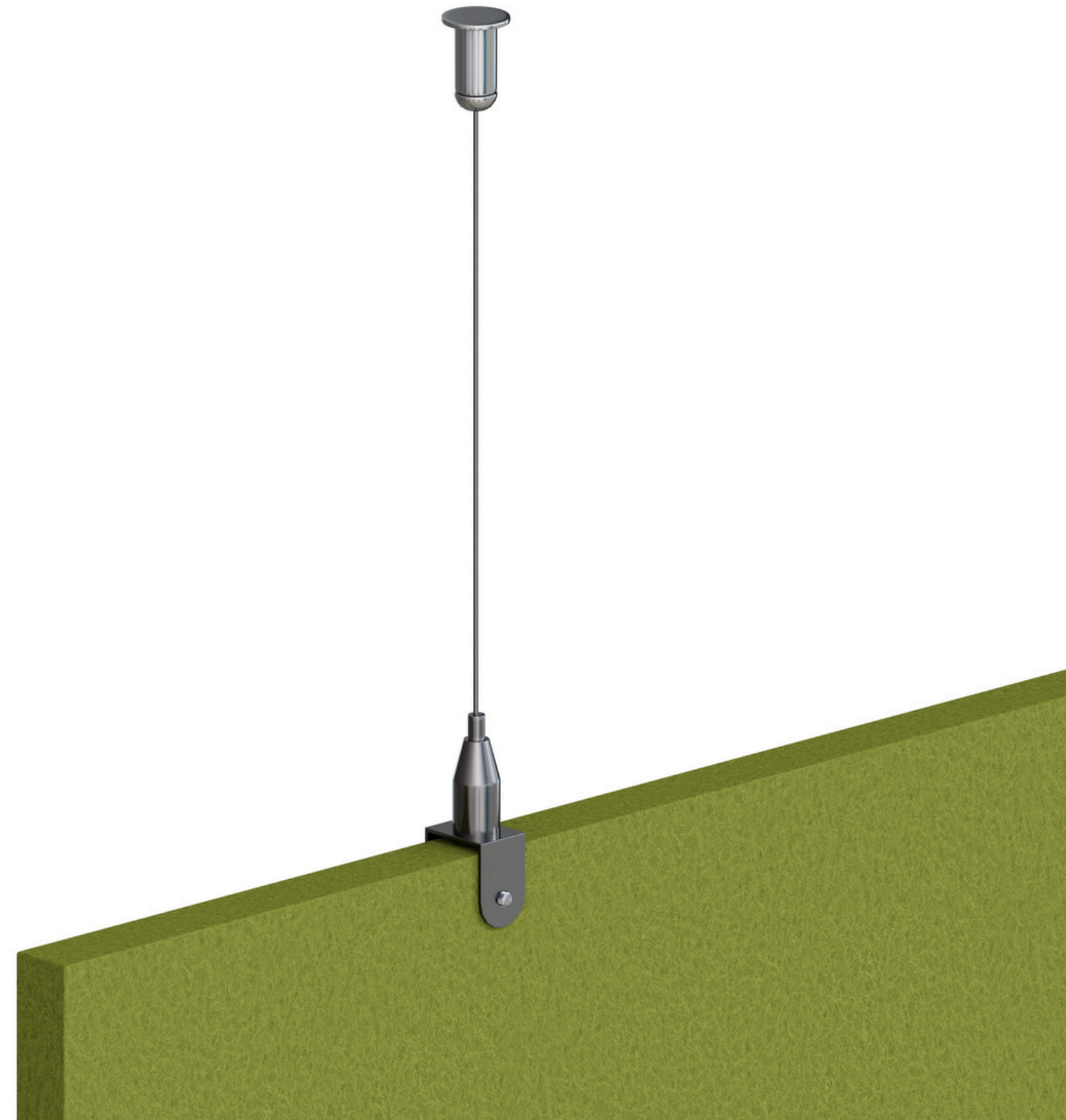
- Press each clamp over the edge of the Free-Hanging Screen and insert screws through the clamps, penetrating the PET to secure them in place.

Step 5. Connect Baffle to Wire:

- Lift the Free-Hanging Screen and align it with the wire hanging kit and then feed the wire through into the clamps.

Step 6. Level Adjustment:

- To adjust the height and level of the Free-Hanging Screen, press down on the mechanism located on the top side of the clip. This action releases tension on the wire, allowing for adjustments.



Note: The Free-Hanging Screen may be delivered with the pattern inserts still in place to ensure rigidity during transportation, these should be pushed out to reveal the pattern.

Tonus Hanging Screen **Materials**

Tonus Hanging Screen core material is a compressed polyester manufactured using post-consumer recycled polyester from plastic bottles.

Polyester Felt (PET)

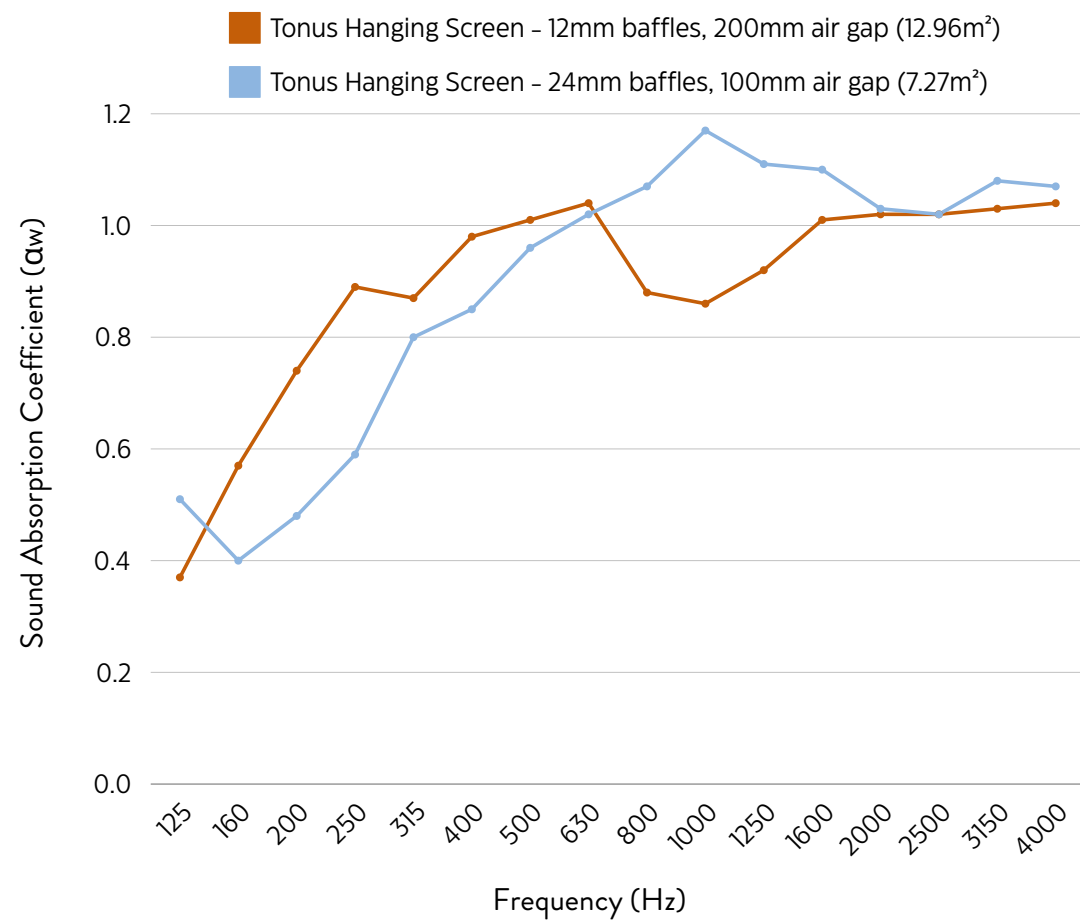


Recycled Plastic Bottles



Performance Acoustic Results

Our Tonus Hanging Screen has great acoustic properties and offers a high level of sound absorption to reduce unwanted echo and reverberation.



Absorption Coefficient (α _w)																
Frequency (Hz)	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000
Tonus Hanging Screen 12mm	0.37	0.57	0.74	0.89	0.87	0.98	1.01	1.04	0.88	0.86	0.92	1.01	1.02	1.02	1.03	1.04
Tonus Hanging Screen 24mm	0.51	0.40	0.48	0.59	0.80	0.85	0.96	1.02	1.07	1.17	1.11	1.10	1.03	1.02	1.08	1.07

12mm:
α_w 1.00 up to Class A
Calculated to EN ISO 11654:1997
NRC 0.95
Calculated to ASTM C 423-01

24mm:
α_w 0.90 up to Class A
Calculated to EN ISO 11654:1997
NRC 0.95
Calculated to ASTM C 423-01



Tonus Hanging Screen Diamonds



Product Specification



Fire

Tonus Hanging Screen has been tested and offers EN 13501-1:2007+A1:2009 Fire classification of construction products and building elements—Part 1: Classification using data from reaction to fire tests, Class B.



Weight

Tonus Hanging Screen weighs 4.5kg/m. All weights are given as approximations.



Acoustic Performance

Tonus Hanging Screen has been tested and offers up to Class A acoustic performance with a 0.95 NRC rating.



Single-polymer & recyclable



Durable & moisture resistant



Oeko-tex certified



Easy cleaning



Eco friendly



Printable



Sound absorbing



Fire retardant



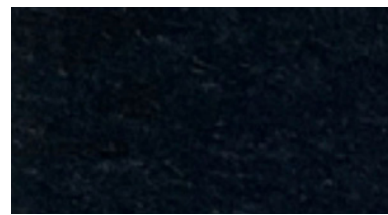
Impact Resistant

Colours

Tonus Hanging Screen is available in a large range of standard felt colours. Choose from a selection of dark, nude, vibrant and marble tones to best suit your space.



Camel Ivory



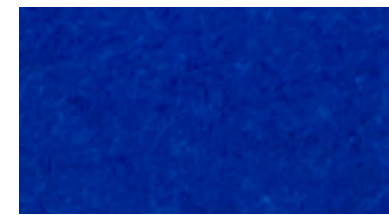
Black



Charcoal Grey



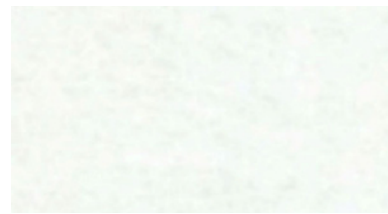
Cyan



Dark Blue



Green



White



Light Grey



Light Blue



Marble Beige



Marble Green



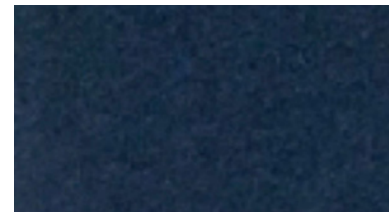
Red



Marble Red



Marble Smoke Blue



Navy



Mild Brown



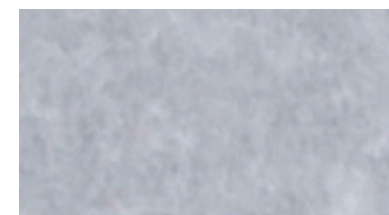
Orange



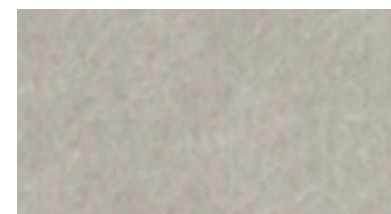
Pink



Purple



Stone



Silver Savoya



Dark Grey



Yellow

Samples

If you would like a closer look at our Tonus colours, please get in touch with a member of our team.

Storage & Handling

Protect Tonus Hanging Screen from excessive moisture during storage and handling. Avoid placing or stacking items on top of the screens to prevent damage. Handle with clean hands or gloves to avoid marks. Store in a clean, uncluttered area to prevent accidental damage.



Aftercare & Maintenance

Tonus Hanging Screen requires minimal maintenance post-installation. For cleaning, use a damp cloth as needed and dust periodically to keep the screens looking their best.

FIND YOUR
HARMONY



FAQs

Do you only offer these colours and designs shown?

Although we have a standard range of the most popular designs and colours we do also have other design options that you may prefer. Simply get in touch and we can discuss other design options.

Do I need any screws or equipment to install these Hanging Screens?

The only fixings you will need in addition to the supplied hanging kits are the screws to attach the Top Hat fixing to the soffit. We do not supply these screws as the appropriate screws will dependant on your soffit structure ie. Plasterboard, concrete, timber which your local DIY store will be able to recommend.

Is there a warranty with Tonus Hanging Screen?

Our Tonus Hanging Screens comes with a one-year manufacturer's warranty, providing coverage for any defects in materials or workmanship.

What space is the Tonus Hanging Screen best suited for?

Tonus Hanging Screens offer versatile solutions for spaces affected by reverberation and echo, particularly those with speech clarity and noise volume issues. Suited for various environments such as offices, meeting rooms, hotels, restaurants, village halls, schools, and rehearsal spaces. These high-performing hanging screens effectively enhance room acoustics by addressing noise that is typically at ear level, minimising reverberation and reflected sound. They are especially beneficial in open plan areas where they can help create semi-private work areas and reduce distractions from surrounding activities.

Where is this product shipped from?

The Tonus Hanging Screen is manufactured in and shipped from the UK.

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Gawcott Buckingham, MK18 4BL

THE ACOUSTICS STORE
SOUNDS JUST RIGHT