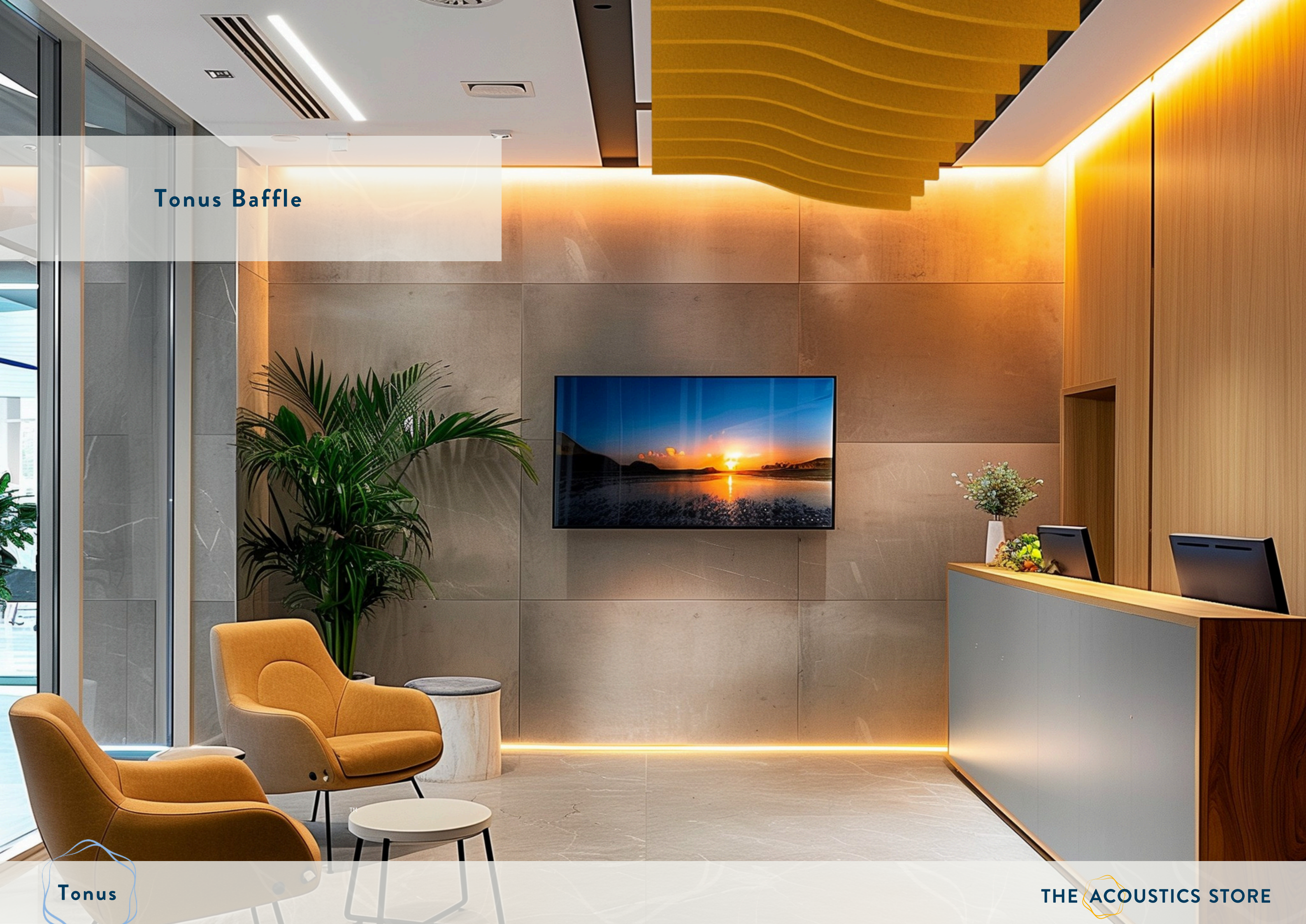
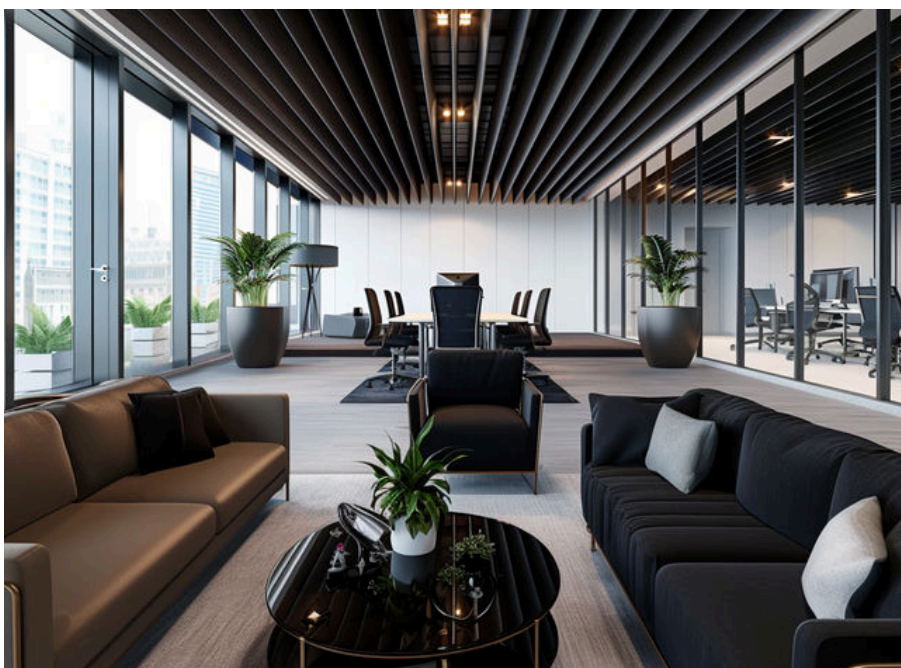


Tonus Baffle





Tonus Baffle PET Felt Acoustic Baffle

Tonus Baffle is an exceptional solution for controlling echo and reverberation in spaces with hard surfaces, such as offices, classrooms, and public areas. Enhancing both the dimension and style of your space, Tonus Baffle seamlessly blends functionality with aesthetics. The sleek design not only improves sound quality but also adds a modern touch to any setting.



Product Features

- High sound absorbing ceiling baffle
 - Designed to control echo and reverberation in areas with hard surfaces
 - Manufactured from compressed polyester using recycled plastic bottles
 - Lightweight and easy to install with adjustable suspension heights
 - Enhances space dimension and style whilst combating unwanted noise
-



Tonus Baffle Rectangle

Tonus Baffle showcases a contemporary rectangular design and comes in various sizes to match your space. With its sleek, straight edges, it offers a refined and efficient acoustic solution.

1200 x 300 x 12 (mm) - Pack of 8
1200 x 300 x 24 (mm) - Pack of 8
1800 x 300 x 24 (mm) - Pack of 4
2400 x 300 x 24 (mm) - Pack of 4





Tonus Raft Wave

With its distinctive wave-shaped design, the Tonus Baffle introduces an inventive solution for noise management, particularly suited to environments characterized by hard surfaces like offices, classrooms, and public areas.

- 1200 x 300 x 12 (mm) - Pack of 8
- 1200 x 300 x 24 (mm) - Pack of 8
- 1800 x 300 x 24 (mm) - Pack of 4
- 2400 x 300 x 24 (mm) - Pack of 4

Control echo and reverberation

Choose the Tonus Baffle to transform your environment into a quieter, more visually appealing space. Not only does the Tonus Baffle effectively control echo and reverberation, but it also enhances the aesthetic appeal of your space with its elegant wave shape. This baffle seamlessly combines functionality with style, adding a modern touch while combating unwanted noise.



Installation

How to install Tonus Baffle

Step 1. Prepare Top Hat:

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

Step 2. Prepare Clamps:

- Each Tonus Baffle 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 baffle.

Step 4. Insert Clamps:

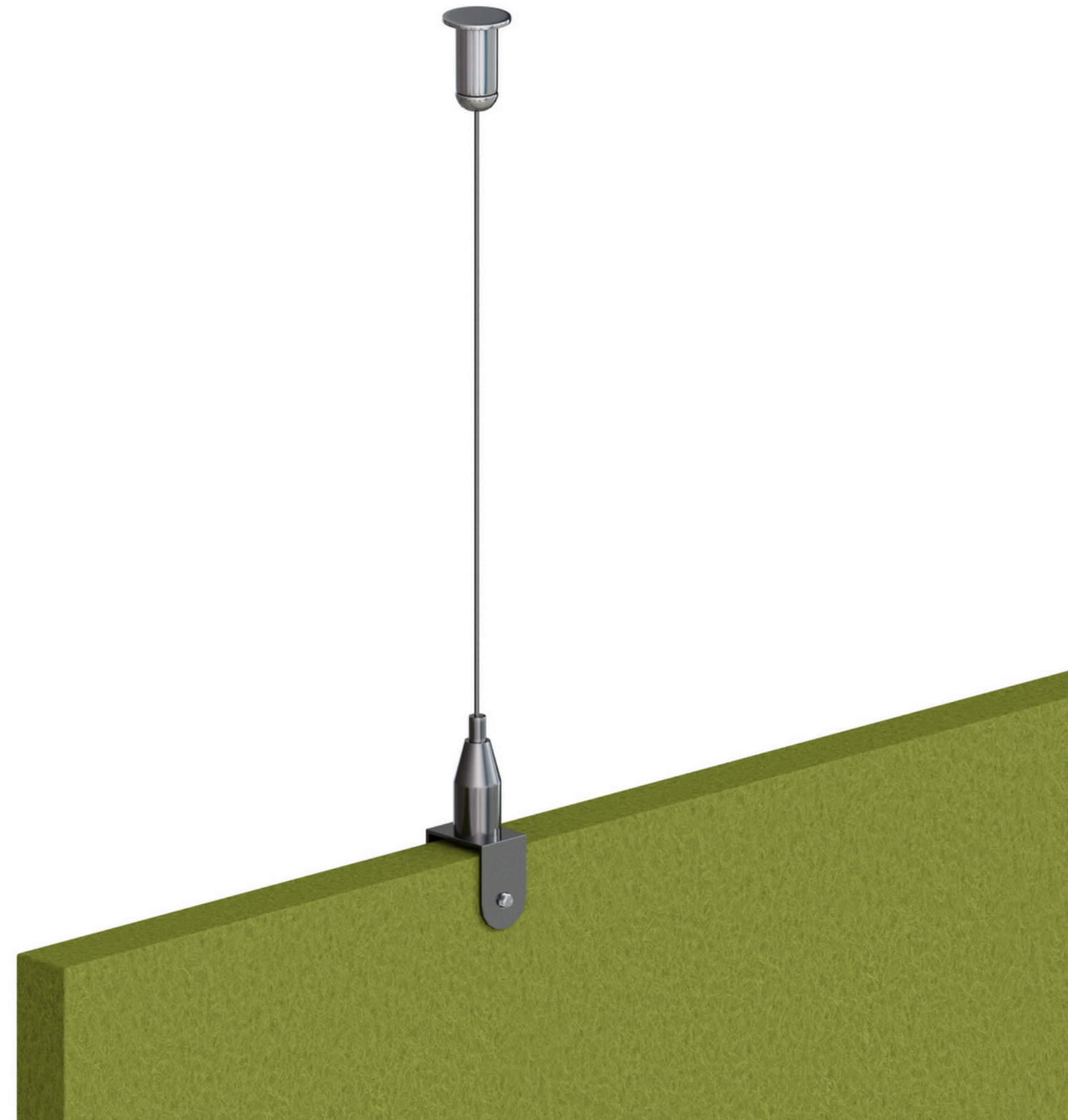
- Press each clamp over the edge of the baffle and insert screws through the clamps, penetrating the baffle to secure them in place.

Step 5. Connect Baffle to Wire:

- Lift the baffle and align it with the wire hanging kit. Feed the wire through into the clamps on the baffle.

Step 6. Level Adjustment:

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



Tonus Baffle Materials

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

Polyester Felt (PET)

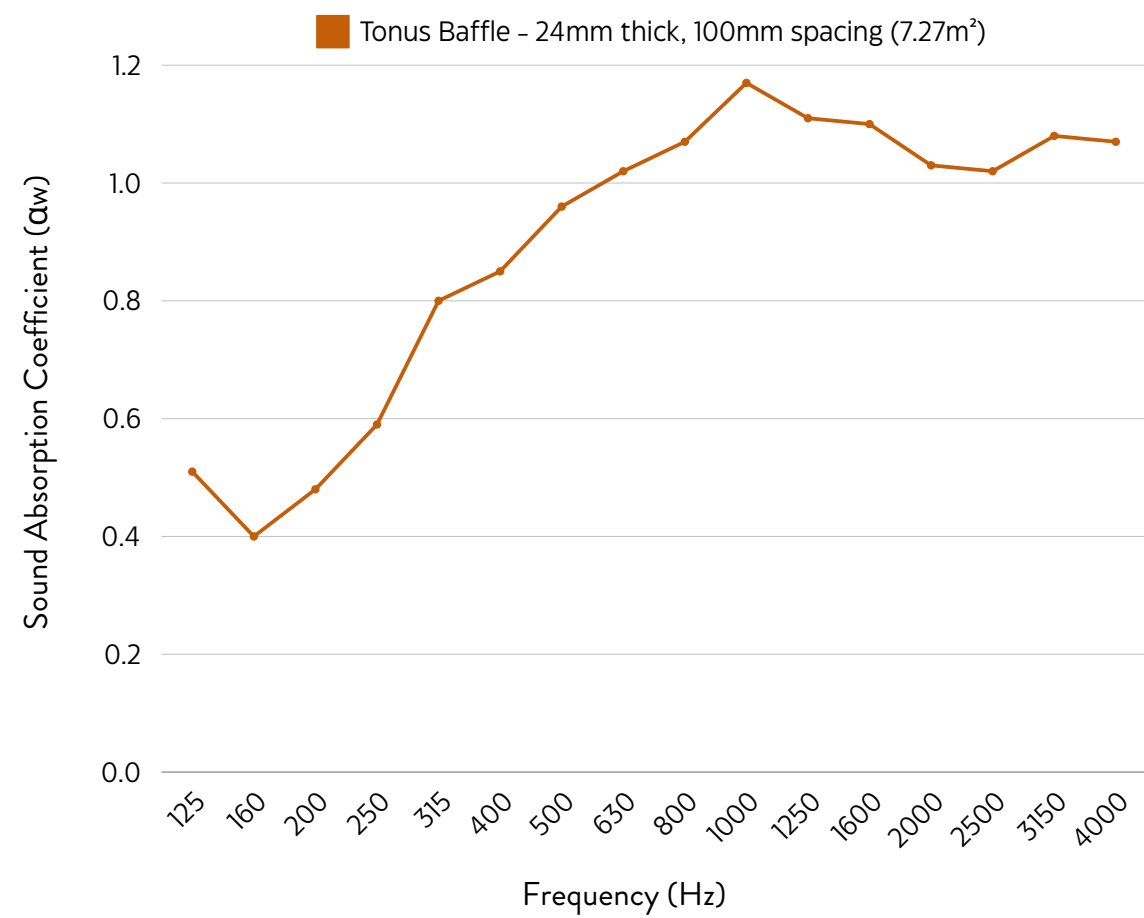


Recycled Plastic Bottles



Performance Acoustic Results

Tonus Baffles have great acoustic properties and offer a high level of sound absorption to reduce unwanted echo and reverberation.



Tonus Baffle - 24mm thick, 100mm spacing (7.27m ²)																
Frequency (Hz)	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000
Absorption Coefficient (α _w)	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
α_w 0.90 up to Class A Calculated to EN ISO 11654:1997 NRC 0.95 Calculated to ASTM C 423-01																





Product Specification



Fire

Tonus Baffle core board 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 Baffle weighs 4.5kg/m². All weights are given as approximations.



Acoustic Performance

Tonus Baffle has been tested and offers up to Class A acoustic performance with a 1.00 NRC rating.



Single-polymer & recyclable



Durable & moisture resistant



Oeko-tex certified



Easy cleaning



Eco friendly



Printable



Sound absorbing



Fire retardant



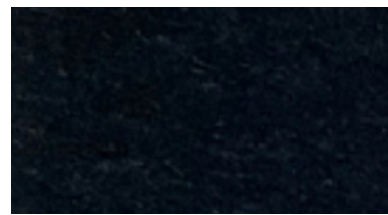
Impact Resistant

Colours

Tonus Baffle 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



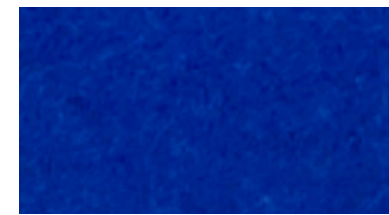
Black



Charcoal Grey



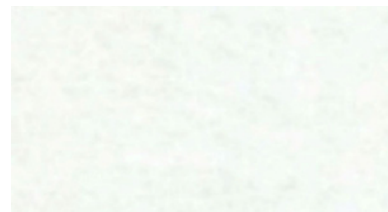
Cyan



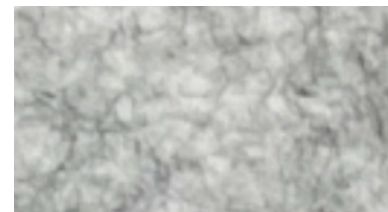
Dark Blue



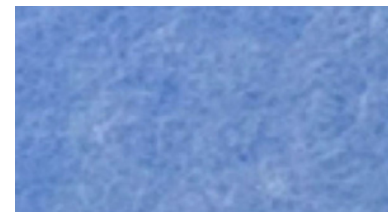
Green



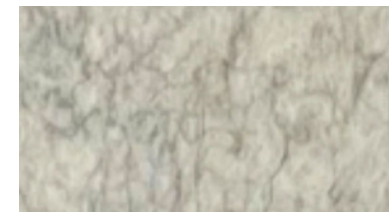
White



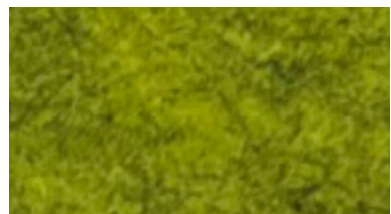
Light Grey



Light Blue



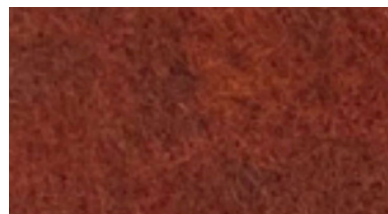
Marble Beige



Marble Green



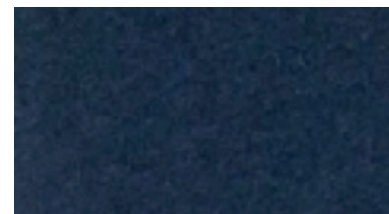
Red



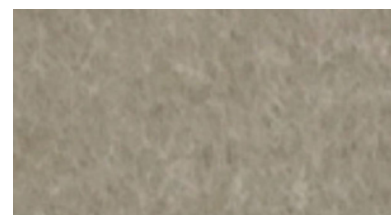
Marble Red



Marble Smoke Blue



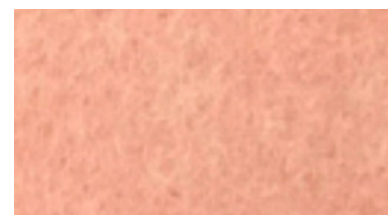
Navy



Mild Brown



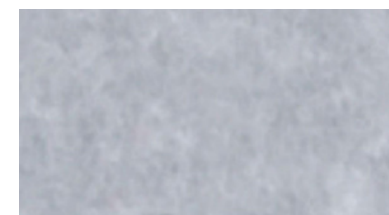
Orange



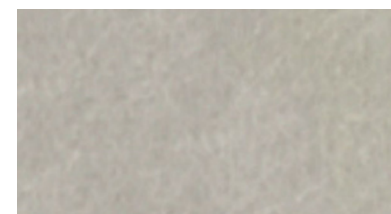
Pink



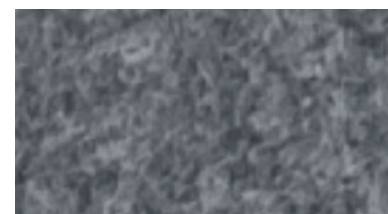
Purple



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 Baffle from excessive moisture during storage and handling. Avoid placing or stacking items on top of the baffles 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 Baffle requires minimal maintenance post-installation. For cleaning, use a damp cloth as needed and dust periodically to keep the baffles looking their best.

Tonus Baffle



FIND YOUR
HARMONY



FAQs

How many Baffles do I need?

Determining the optimal quantity of Tonus Baffles isn't an exact science. Broadly, increased surface coverage leads to greater sound absorption and reduced echo. As a general guideline, aiming to cover approximately 30% to 50% of the ceiling area typically results in effective sound absorption.

What's included? Are fixings included?

Each Tonus Baffle order will come with the correct amount of hanging kits. These kits consist of a Top Hat fixing (bullet which screws into the ceiling), 2m Adjustable Wire and Clamps (this is to feed the wire through and screw fix to the baffle). The only fixings you will need in addition to these 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.

Do you make this baffle in custom sizes?

Yes, although we have a standard range of the most popular sizes it is possible to have a customised shape or size of the Tonus Baffle to suit your requirements.

Is there warranty?

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

How do these Baffles arrive?

Your delivery will arrive fully packaged and protected on a specific vehicle for the size and weight of your delivery.

CONTACT US

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Gawcott Buckingham, MK18 4BL

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