



Trolldtekt® baffles

Elegant acoustics: Slim, flexible and easy to install

Good acoustics with design freedom

Troldtekt® baffles are an elegant way to achieve good sound absorption. The slim baffles are suspended vertically from the ceiling structure, offering great flexibility in design and installation.

Troldtekt baffles help create calm acoustics in rooms with generous ceiling heights such as open-plan offices, retail spaces, educational buildings – and other areas where acoustics and aesthetics must go hand in hand.

The slim, minimalistic, and elegant design of the cement-bonded wood wool baffles creates a light, transparent architectural expression.

Troldtekt baffles achieve a sound absorption coefficient of up to $\alpha_w = 0.55$, reducing noise levels and improving speech clarity. The baffles can supplement existing walls or ceilings absorbers or act as a stand-alone solution that offers partial visibility of ceiling installations and structures. This makes them ideal for spaces where a full suspended ceiling is not desirable or possible.



Flexible design and air control

The number, orientation and installation method of the baffles can be varied to achieve the desired acoustic and visual rhythm in the room.

In contrast to a closed suspended ceiling, the baffles enhance the thermal performance by allowing air to interact with the exposed soffit while also supporting effective air mixing and direction.

You can choose between unpainted and painted Troldtekt baffles. The solution is available in a range of standard colours and custom colours on request.

Easy handling on site

With a thickness of only 30 mm and a weight down to 6 kg per piece (300 x 1200 mm), Troldtekt baffles are a cost-effective solution that is easy to transport, stack, cut, lift, and install – saving valuable time on site.

Even the A2 variant with improved fire performance weighs down to just 6.8 kg/pcs, offering a lighter alternative to many other A2-class acoustic solutions.

What is a Troldtekt baffle?

A Troldtekt baffle consists of two 15 mm Troldtekt cement-bonded wood wool panels joined together into one 30 mm element. The baffles are suspended vertically from the ceiling, allowing sound waves to be absorbed on both sides.

Multiple installation options

Each Troldekt baffle features a visible aluminium top profile for simple and secure installation. You can choose between several suspension methods using standard off-the-shelf components.

Dimensions

Troldekt baffles are available in the following standard dimensions, all with a thickness of 30 mm:

- > 300 x 600 mm > 300 x 1200 mm
- > 600 x 600 mm > 300 x 1200 mm

Other dimensions available on request.

Installation with wire

Wire hanger from ceiling



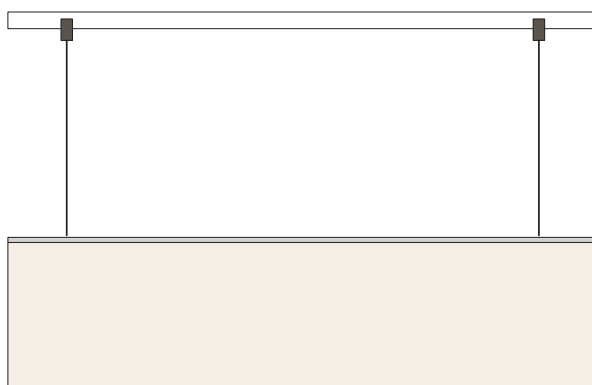
All components included

Direct hanger on ceiling



Installation on rail

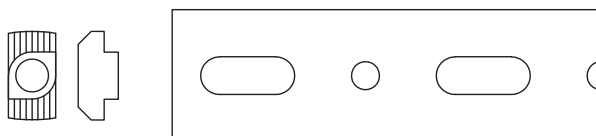
Wire hanger on ceiling rail



Direct hanger on ceiling rail



Universal adapter system via standard nut



Components for rail installation not included



Scan QR code to download
Installation instructions

Why choose Troldekt baffles?

Enhanced room acoustics

A great choice for offices, retail spaces, schools and many other building types. The baffles absorb sound on both sides with a weighted sound absorption coefficient (α_w) of up to 0.55 (55% of the sound).

Flexible design and performance

The slim 30 mm baffles can be installed in several ways making it easy to adapt the solution to any room. Vary the number, spacing, and colour of the baffles to achieve your desired acoustic and visual expression – and to support the airflow in the room.

Easy to handle

Baffles in dimensions 300 x 1200 mm weigh only 6 kg/pcs (6.8 kg/pcs for A2), making them easy to transport, cut, and install. Their compact size saves space during storage and handling on site.

Robust and durable

The combination of wood and cement makes the Troldekt baffles robust and durable with a service life of at least 50 years. They require virtually no maintenance during use.

Effective fire performance

Troldekt baffles are fire-tested and classified in accordance with EN 13501. The solution is available both with classification B-s1,d0 and in a non-combustible variant with classification A2-s1,d0.

Documented sustainability initiatives

All wood in the Troldekt baffles comes from your choice of certified forests (FSC® C115450 or PEFC/09-31-030) and the panels used for the solution hold the independent environmental Blauer Engel certification. The baffles are available in variants based on the cement type FUTURECEM™, offering a reduced CO₂ footprint compared to regular cement.

Contact us to find out more about prices, delivery and assembly

Troldekt Limited
Pembridge
Leominster
Herefordshire
HR6 9LA

Tel: +44 7496681040
sales@troldekt.co.uk
www.troldekt.co.uk



This document reflects Troldekt's knowledge of certifications, standards and products at the time of publication.

No rights can be derived from this document.
We reserve the right to make changes and for typing/printing errors.

The latest version can be found online by scanning the QR code.