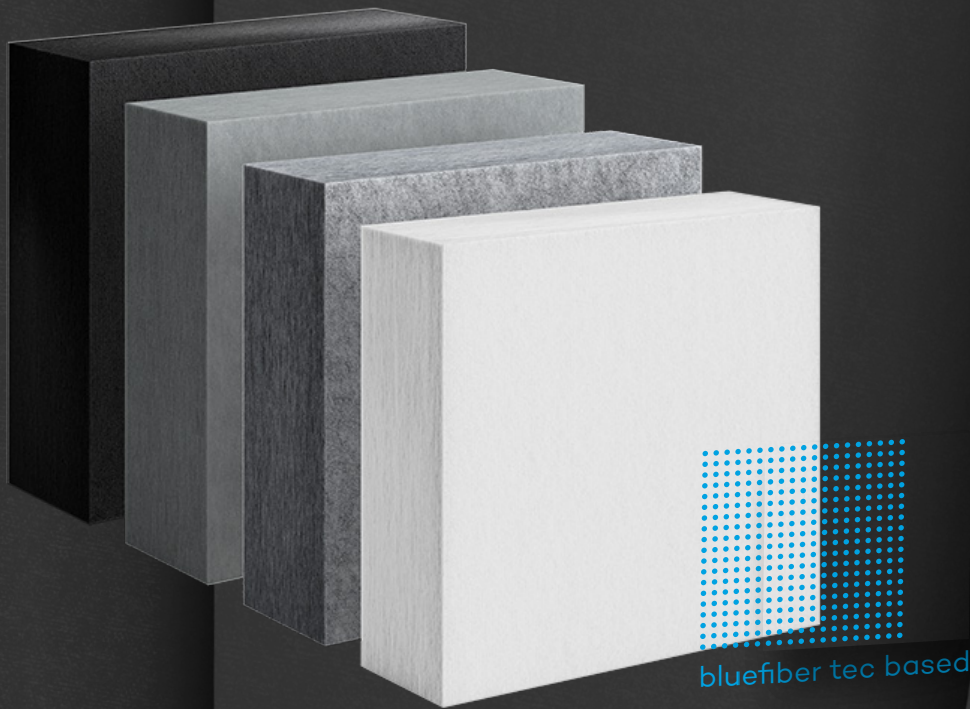


bluefiber

smart acoustic technology



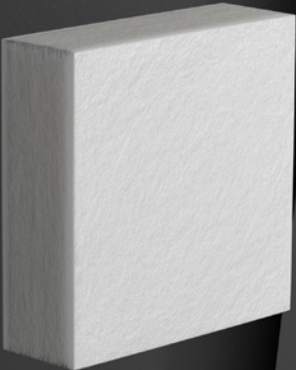
smart acoustic pads

The perfect all-rounder with polyester-based high-tech in every fiber – for a broad variety of applications.

bluefiber.sandler.de

a brand of **sandler**

The all-round solution



smart acoustic pads

Lightweight yet stable for your project

bluefiber smart acoustic pads not only feature excellent acoustic performance, they are also ultra lightweight yet dimensionally stable. This combination makes the materials veritable all-rounders. smart acoustic pads are suitable for a wide range of applications – also for your project.

Suitable for e.g.:

ceiling solutions

suspended ceilings

applications in frames

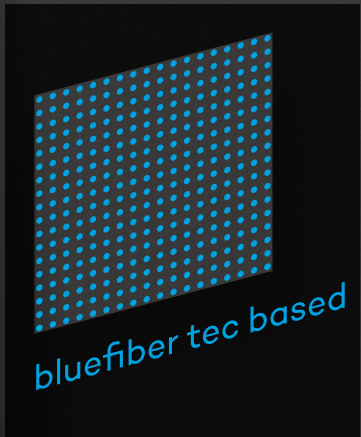
...

The ideal solution for your application

In the range of our smart acoustic products, pads fill the application gap between panels and wool. Based on many years of experience working with polyester, we created a product that is characterized by optimum acoustic performance as well as a certain degree of rigidity, even with low material use.

bluefiber tec based signifies quality – you have our word

bluefiber combines safety, quality, and above all innovative technology. This smart acoustic technology is not only the basis for bluefiber products, it is also a seal of quality for acoustics solutions made from it. Choose quality you can build on.



A multi-talent for ideal acoustics

smart acoustic kit

For your perfect pad

Discover our smart acoustic pads in three different colors. With our smart acoustic kit all application options are open to you: As ceiling solutions, suspended ceilings, or in frames – bluefiber pads are your perfect all-rounder!

Thickness	50 mm
	
Form of delivery	Carton
	
1,25 × 2,48 m	



Unternehmenszentrale der LIST Gruppe

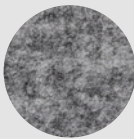
Color versions



white



marble



grey



black

The right solution for your project



smart acoustic features

Properties that will win you over

You are looking for an acoustically efficient product? You want a product that ideally combines sound absorption and mechanical stability at very low weight and efficient material use? bluefiber pads offer all functionalities you need.

Sound absorption

bluefiber panels meet the highest requirements with regard to sound absorption. Owing to their thickness and its high degree of open porosity, a wide frequency range can be optimized.

Visible applications

In visible applications, bluefiber pads can be installed in a visually appealing way without surface treatment. The user can also customize the look with additional frames or coverings.

Ultra lightweight

bluefiber pads require reduced use of fibers, yet they are inherently rigid. This makes them a perfect alternative to conventional solutions, while conserving valuable.

Stability

bluefiber pads offer mechanical stability at comparatively low weight. The optimal relation of mass and stability ideally meets your requirements for selected applications.

Only the best properties combined



sound-absorbing



flame-resistant



single-polymer



moisture-resistant



gentle on the skin



low-emission

Ready for action with every fiber



smart acoustic applications

Strong in application & ready to use

You want to implement your idea for an acoustics project? bluefiber products are perfectly well thought out – whether you plan to use them for interior acoustics, the construction industry or in technical insulations. Utilizing smart acoustic technology, bluefiber pads are suited for a variety of applications.

Shhh! Time for some quiet!

Wherever you want to apply the smart acoustic pads: bluefiber products always offer efficient sound absorption. bluefiber pads are also light as a feather and flame-resistant – this we guarantee through our unique technology, our certifications and decades of experience.

Optimized acoustics with material purity

With bluefiber you are choosing high-performance acoustic products made from polyester with a high degree of material purity. Our textile fiber panels are Cradle to Cradle Certified® and designed to support technical material cycles. In manufacturing our products, we use both virgin raw materials and recycled polyester fibers, including recycled PET materials.

The material purity supports material recycling at the end of the product's useful life. bluefiber materials are free from added binders and produced without chemical bonding. This way, robust acoustic solutions are created for a wide range of applications in architecture and interior design.

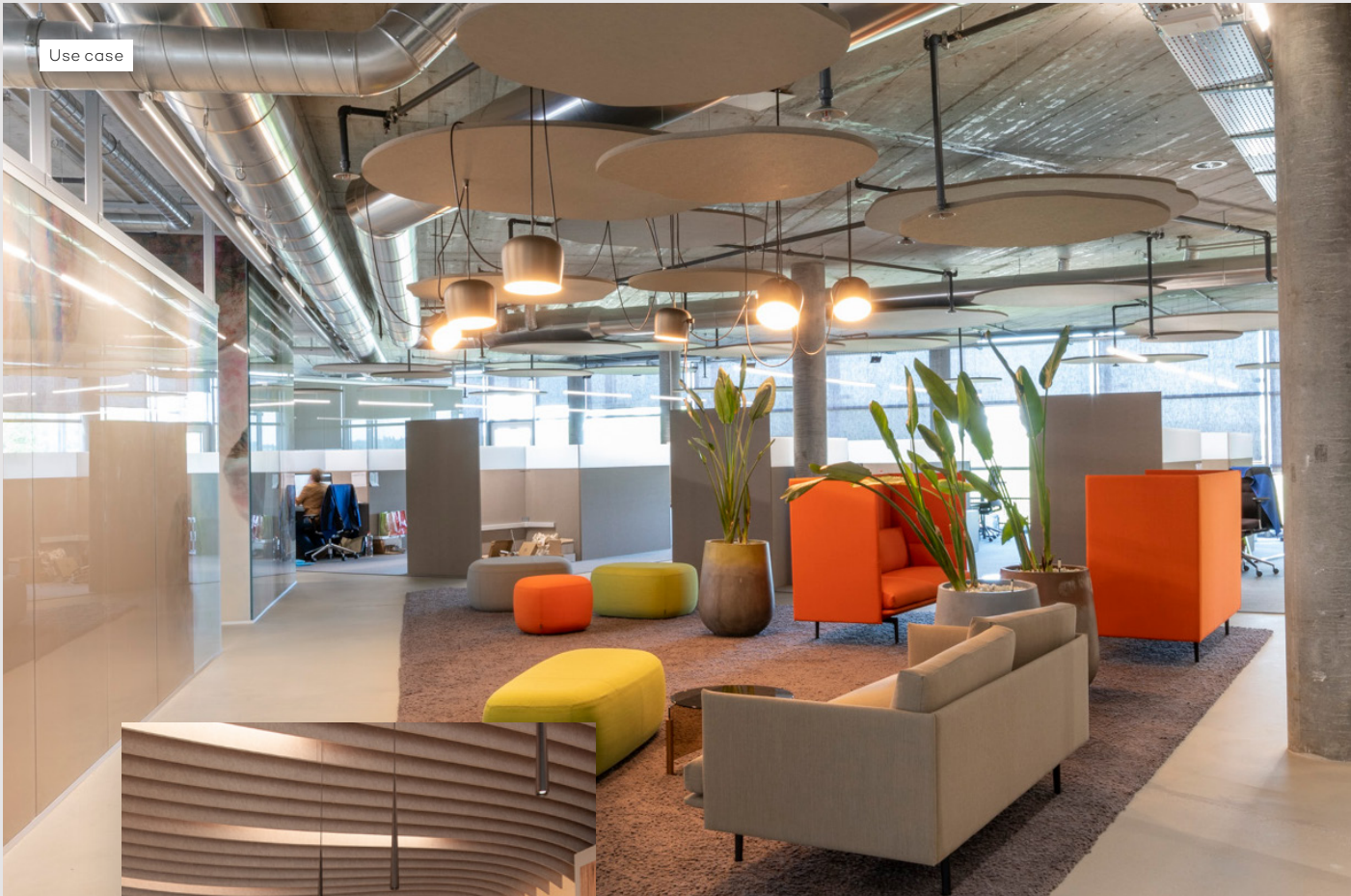


Just right for your application

smart acoustic examples

Different versions for every application

The different version of our smart acoustic pads recommend themselves to different applications. The product's great advantage is its mechanical stability at a low weight. No matter which type of project you want to implement: The bluefiber product range includes just the right material.



Glas Trösch Holding AG

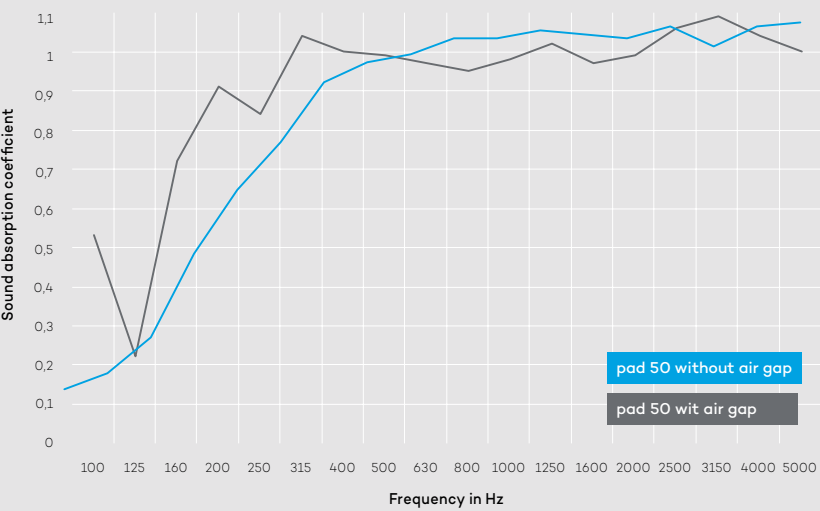
You have different requirements on bluefiber smart acoustic pads? No problem. Get in touch with us; we will be happy to advise you individually!



Fritz Kohl GmbH & Co. KG

Acoustically highly efficient

bluefiber pads tested



pad white without air gap
without air-gap α_w -value: 0,95,
maximum absorbent, class A (17,3 kPa s/m²)

pad with air gap
200 mm air-gap α_w -value: 1,00,
maximum absorbent, class A (17,3 kPa s/m²)

Structure:
50 mm pad, blue curve: no distance from the testing room floor, sides closed, overall structure: 50 mm

50 mm pad, grey curve: 200 mm distance from the testing room floor, sides closed, overall structure: 250 mm

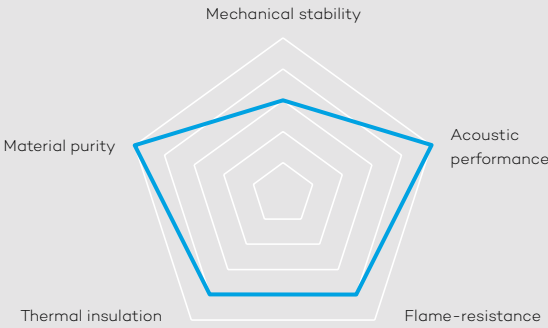
In addition to increased mechanical stability, the sound absorption performance speaks for itself. bluefiber pads cover a wide frequency range, being further classed as an A-absorber.

Use case

bluefiber pad / ceiling solution

Ceiling panel, α_w -value 1,00,
(measured with 200 mm air-gap to the reverberation room floor)

Owing to their low weight and dimensional stability, our smart acoustic pads are very well suited to ceiling applications. With appropriate fastening, the highly sound absorbing products can also be used as ceiling panels of baffles.



bluefiber

smart acoustic technology