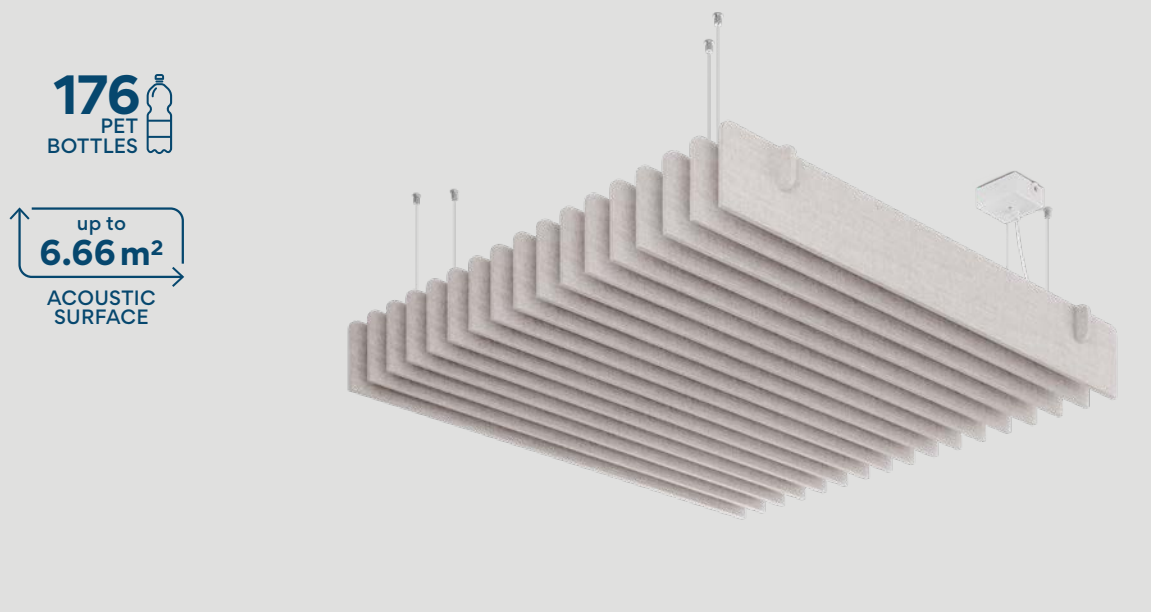




Echo Baffles

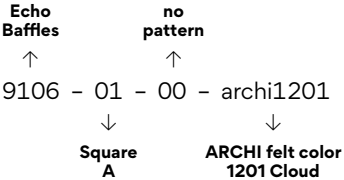
EN Echo baffles are acoustic panels designed to enhance the acoustics within an office environment. These panels are strategically installed on the ceiling to effectively manage sound levels and create a more conducive auditory atmosphere.

The distinctive construction of these panels consists of vertical acoustic baffles that play a pivotal role in sound absorption. By strategically positioning these baffles, the panels effectively capture and dampen sound waves, thereby reducing noise levels within the office space. The space between the baffles acts as an additional sound absorber, creating a multi-layered approach to acoustic management. As sound waves encounter the baffles, they are absorbed and diffused, preventing excessive reverberation and echo.

DE Echo Baffles sind Akustikpaneele, die die Akustik in einer Büroumgebung verbessern. Diese Paneele werden strategisch an der Decke installiert, um den Schallpegel effektiv zu steuern und eine bessere akustische Atmosphäre zu schaffen.

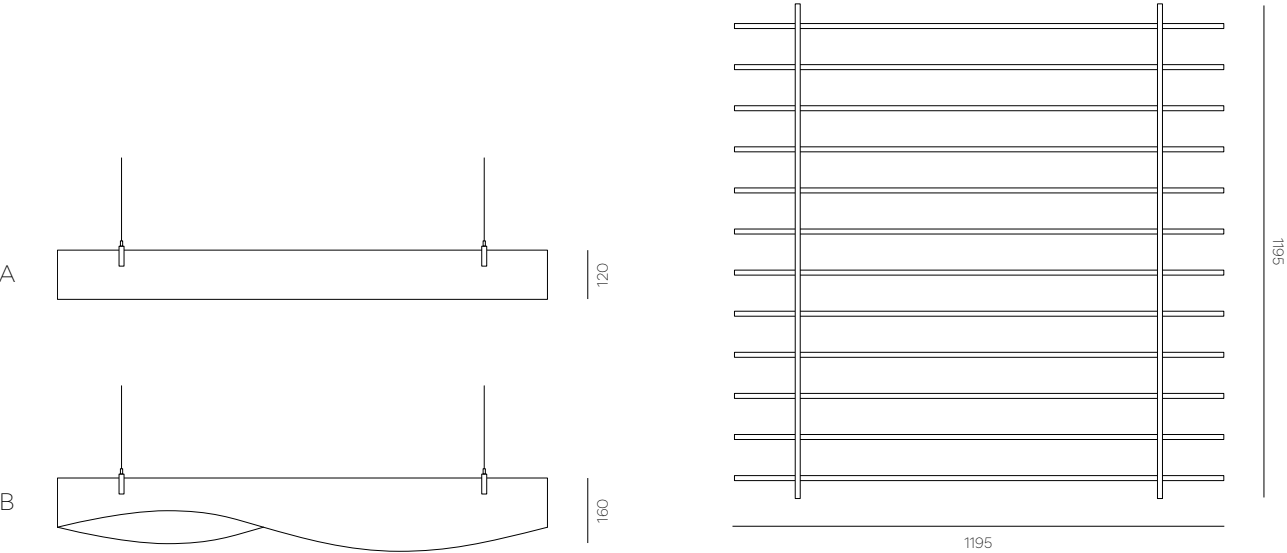
Die charakteristische Konstruktion dieser Paneele besteht aus vertikalen akustischen Baffeln, die eine entscheidende Rolle bei der Schallabsorption spielen. Durch die strategische Positionierung dieser Baffeln fangen die Paneele effektiv Schallwellen ein und dämpfen sie, wodurch der Geräuschpegel im Büroraum reduziert wird. Der Raum zwischen den Baffeln wirkt als zusätzlicher Schallabsorber und schafft so einen mehrschichtigen Ansatz für das Akustikmanagement. Wenn Schallwellen auf die Baffeln treffen, werden sie absorbiert und gestreut, wodurch übermäßiger Nachhall und Echo verhindert werden.

Example



Quickinfo

	Square A ■ 01	Square B ■ 02
size	1195 × 1195 × 120	1195 × 1195 × 160
thickness	12 mm	12 mm
fabric color	ARCHI felt ecoPET color palette ◆ archixxx archixxx – choose color from page 266	
on request:	Echo Baffles can be customized with linear luminaries. See page 90.	



Create my unique code!
9106 - ■ - 00 - ◆

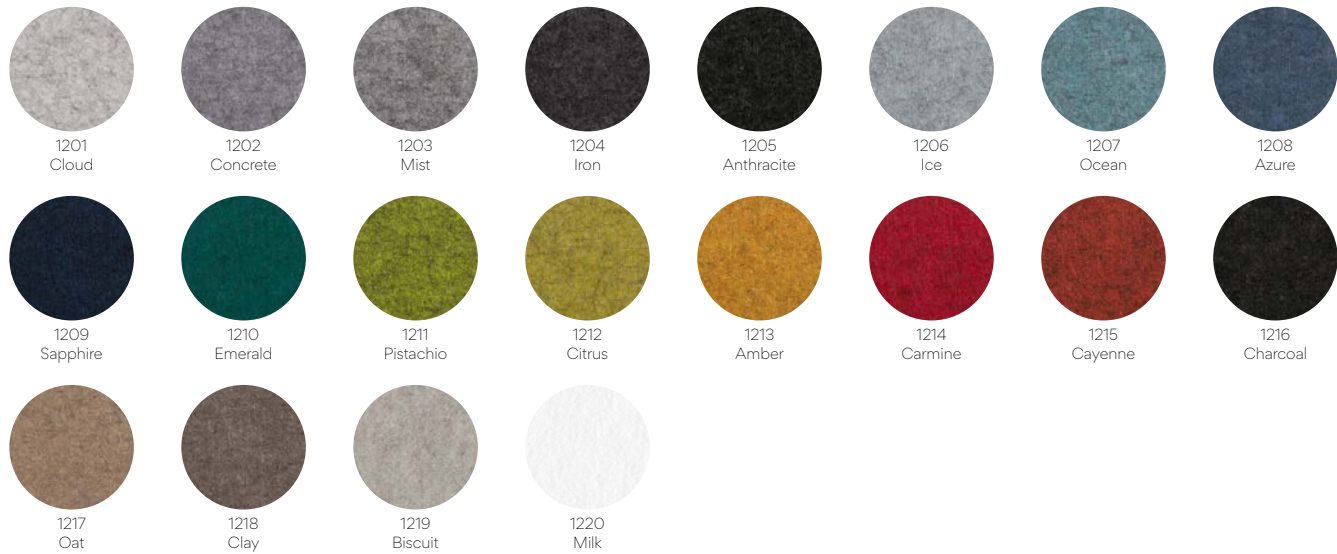
ARCHI felt ecoPET 12 mm

EN

The high-quality PET sound panels are robust, durable, and have a slightly textile surface that can be washed. They have excellent sound-absorbing properties, are flame-resistant and recyclable.

DE

Hochwertige PET-Akustikplatten sind massiv, strapazierfähig, mit einer leicht textilen Oberfläche, die gewaschen werden kann. Sie haben hervorragende Schalldämmeigenschaften, sind schwer entflammbar und können recycelt werden.



ARCHI felt ecoPET properties

Measurements

2800 mm × 1200 mm × 12 mm

gross size

Flammability Class

B-s1,d0

Acoustic values

Mounting method	Directly on the wall	50 mm cavity	50 mm cavity + 50 mm rockwool	100 mm cavity	100 mm cavity + 100 mm rockwool
NRC (100–5000 Hz)	0.40	0.75	0.95	0.80	1.00
aw (100–5000 Hz)	0.25	0.60	1.00	0.80	0.95
Acoustic Class	D	C	A	B	A

Flexxica wool felt 5 mm

EN

Flexxica wool felt color palette is high-quality 5 mm thick felt. Wool felt has many technical uses, including, among others, in acoustics. The natural properties of wool make this felt not only look designer but also absorb noise and sound perfectly.

DE

Die Farbpalette von Flexxica Wollfilz ist hochwertiger 5 mm dicker Filz. Wollfilze haben viele technische Anwendungen, u. a. in der Akustik. Die natürlichen Eigenschaften der Wolle verleihen diesem Filz nicht nur ein Design-Look, sondern auch eine perfekte Dämpfung von Lärm und Geräuschen.



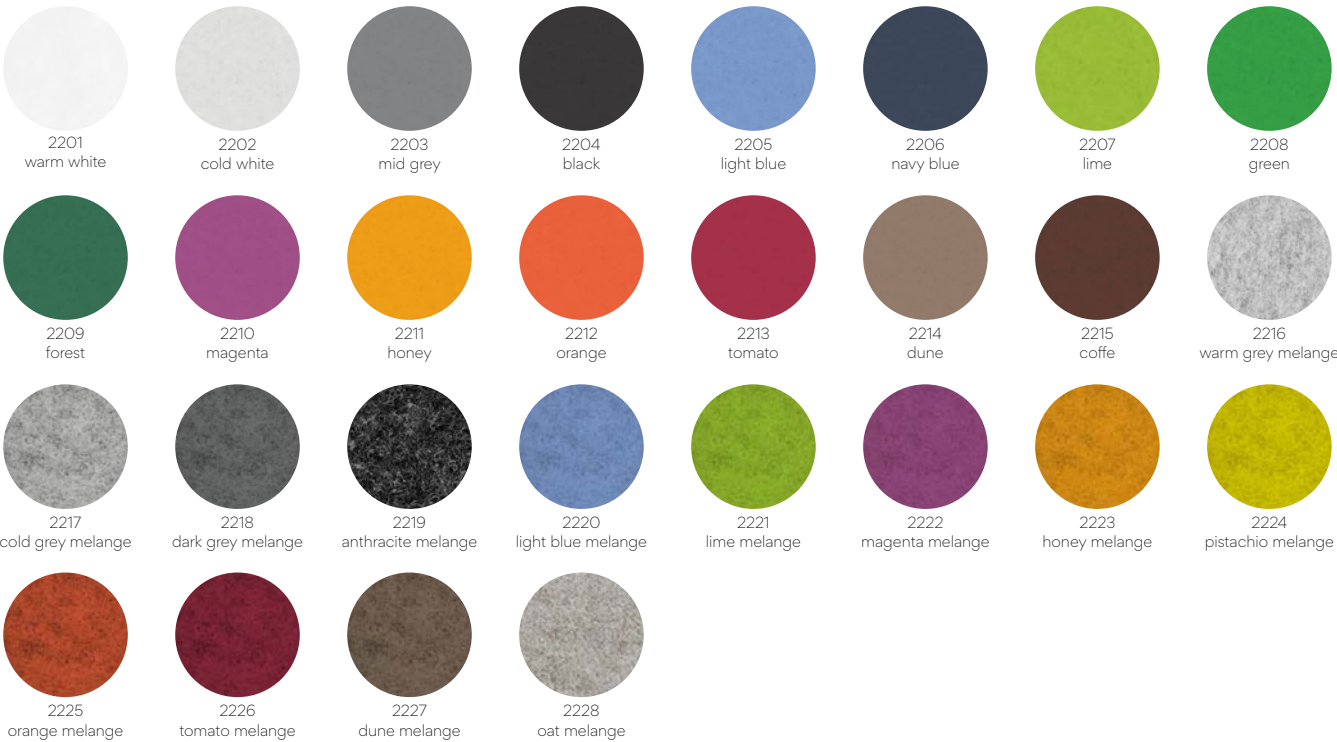
Flexxica felt 5 mm

EN

Flexxica felt color palette is a wide range of flame-retardant design felts with a velour finish and high noise reduction properties. They are available in many colors, ideal for many decorative projects, including upholstery and interiors.

DE

Die flexxica-Farbpalette für Filze ist eine große Auswahl an schwer entflammaren Designfilzen mit Velours-Finish und hohen Geräuschminderungseigenschaften. Sie sind in vielen Farben erhältlich, ideal für viele dekorative Projekte, einschließlich Polsterung und Innenausstattung.



Guidelines for cleaning and maintenance of materials used in flexxica luminaires.

To maintain the beautiful color and appearance of flexxica lighting fittings, we recommend gentle vacuuming with a soft tip, preferably weekly.

Stain removal – the golden rule

Remove the stain as soon as possible. Most stains can be removed with lukewarm water, possibly with the addition of a neutral detergent.

Merino wool felt

Wool is antistatic and does not attract dirt like other fabrics. Wool is also water-repellent, so the liquids slowly penetrate the fabric.
Cleaning: First, soak up as much liquid as possible with a white kitchen towel or cloth. If the stain has dried, remove as much as possible with a vacuum cleaner. Wipe carefully with a clean white cloth.

Upholstered material

Upholstery in flexxica luminaires is highly versatile and durable. The material is antistatic and fireproof, so stains are easily removed.
Cleaning: Do not wet the entire lampshade. Always use a clean white cotton cloth and only use small amounts of cleaning agent at a time.

EcoPET material

The ecoPET is made of 60% recycled PET bottles. It is straightforward to maintain, and stains can be removed easily and hassle-free.
Cleaning: Never rub hard to remove a stain. Always use a clean white cotton cloth with a bit of detergent.

Glass luminaires

Boya is made in a traditional blown-glass technology, therefore it requires special and delicate cleaning care.
Cleaning: Use a soft, lint-free microfiber or cotton cloth with distilled water (optimal) or mild glass cleaner or a solution of equal parts water and white vinegar. Wipe carefully with a clean white cloth.

WARNING!

Benzene, acetone, and similar solvent-based products may discolor the materials of the flexxica luminaires. Before use, apply a small amount of the product to an inconspicuous spot to ensure it doesn't cause any damage or discoloration.

flexxica

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Please note that the actual appearance of flexxica’s felt and fabric lighting fixtures may vary from the images shown in the catalog. This is because each type of felt and fabric possesses its own distinct characteristics. This is not a disadvantage of the luminaire but an advantage – each product is unique and unrepeatable.

Keep in mind that the colors of PET, felts, and fabric may differ slightly from what you see in the catalog. For the most accurate representation, we recommend referring to our sample book.

Due to the production process of both felt and PET, there may be slight variations in material between different production batches. Additionally, please take into consideration that PET boards have distinct left and right sides, along with a specific fiber arrangement. This is particularly important to consider when installing larger structures, such as wall-mounted panels.

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