

idea**fabric**



eco**tex**
fibe**rtex**
s**fabric**

**The revolution
of sound control**

idea**tec**
advanced acoustic solutions



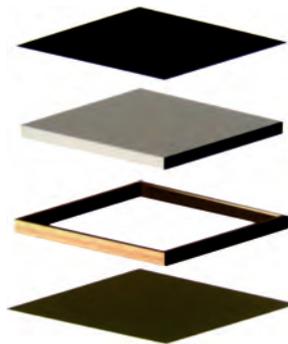
Product description

Ecotex is a decorative and absorbing acoustic product designed for wall and ceiling paneling that improves the acoustic quality in all types of spaces with no need to change structures or make works.

Thanks to its core made of recycled polyester fiber, we obtain very high absorption coefficients making it an ideal product to amend the acoustic intelligibility problems caused by the typical acoustic phenomena in rooms, such as echo, focalization, high reverberation time or any other effect generating acoustic discomfort.



Ecotex composition



- Upper veil to protect the fiber and bring a new value to acoustic absorption.

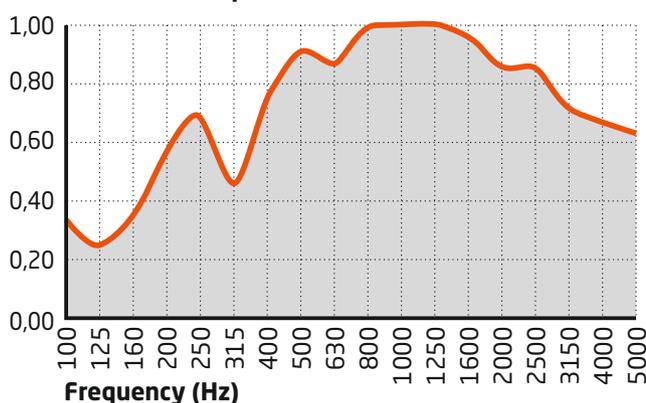
- Fiber core made of polyester fiber with acoustic absorption properties. Density of up to 30 kg/m³.

- MDF frame.

- Fireproof textile coating in a wide range of colours. Images can be printed on the fabrics.

All components in the product are fireproof.

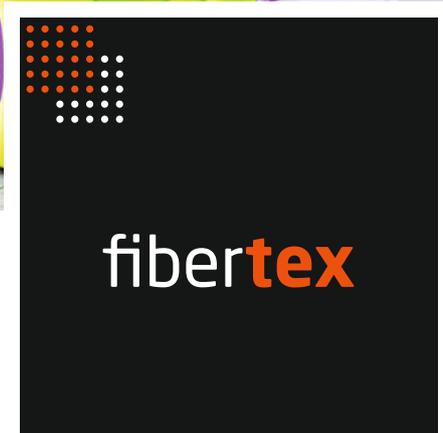
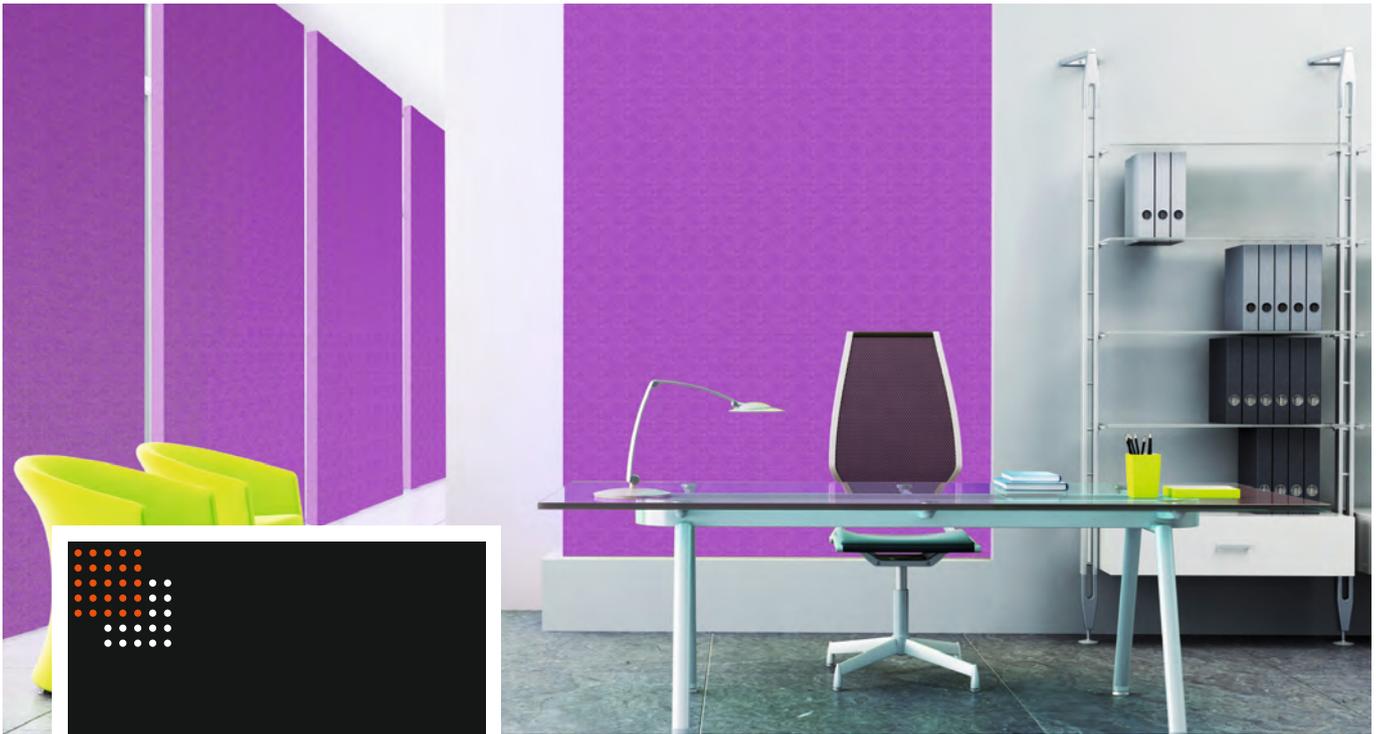
Acoustic absorption coefficient



Average acoustic absorption coefficient  $\alpha_m = 0,92$

Noise reduction coefficient  **NRC = 0,80**

Weighed acoustic absorption coefficient  $\alpha_w = 0,80$



Product description

The acoustic conditioning of finished spaces represents a technological challenge for architectural projects. With **Fibertex** solutions by **IDEATEC**, you can virtually adapt any finished space to the country building regulations, avoiding expensive works and activity interruptions.

Fibertex improves the acoustic quality of all types of public, private, commercial, cultural spaces, sports centers, restaurants, and hotels. Solutions are provided as panels or baffles for ceilings and walls, being applicable in all premises and sites.



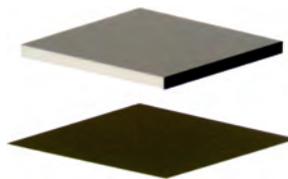
Fibertex composition

- Glass fiber core with acoustic absorption properties. Density of up to 96 kg/m³

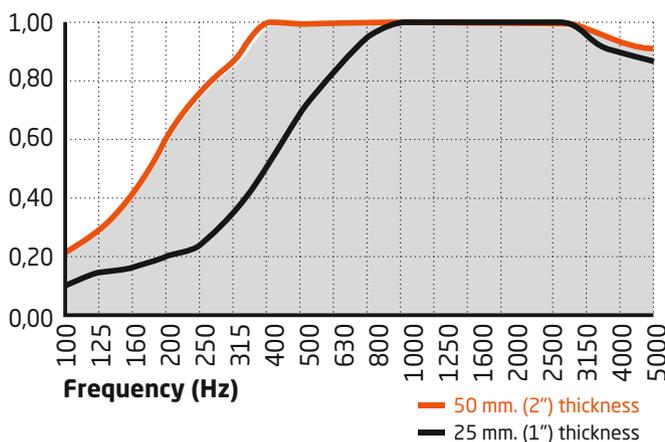
- Hardened edges, square or with a bevel.

- Fireproof textile coating in a wide range of colours. Images can be printed on the fabrics.

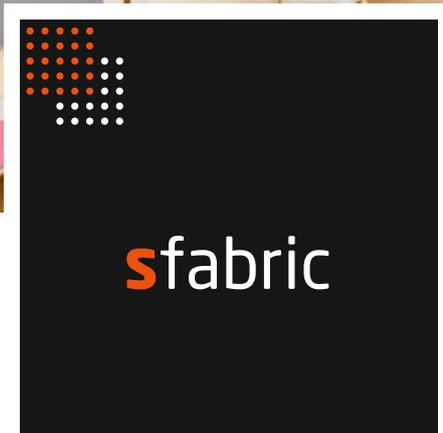
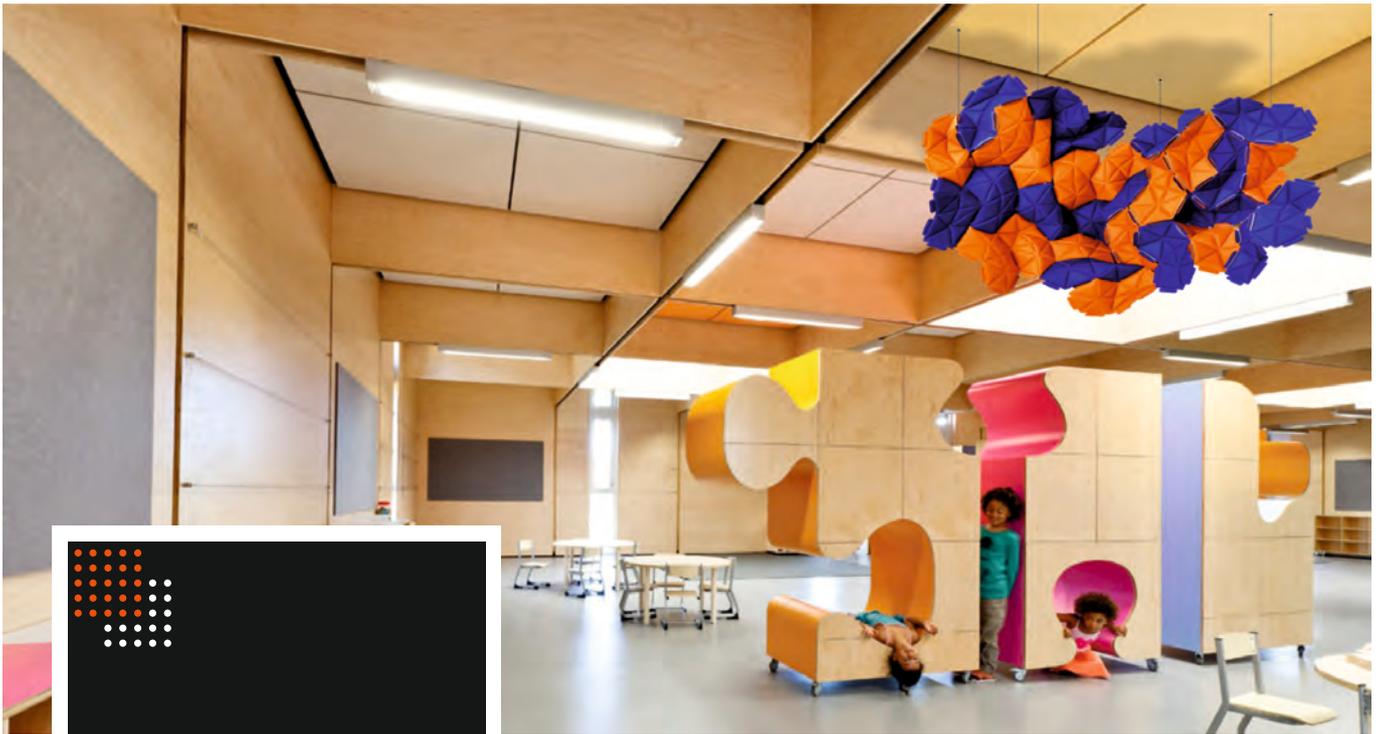
All components in the product are fireproof.



Acoustic absorption coefficient



- Average acoustic absorption coefficient**  $\alpha_m = 0,95$
 $\alpha_m = 1,00$
- Noise reduction coefficient**  **NRC = 0,77**
NRC = 0,94
- Weighed acoustic absorption coefficient**  $\alpha_w = 0,85$
 $\alpha_w = 1,00$



Product description

S-Fabric modules feature an ideal acoustic behaviour in any premise requiring a greater acoustic absorption level. They not only improve the acoustic comfort, but also offer an innovative design.

S-Fabric is the perfect complement for all acoustic product catalogs, since it is very versatile. It can be placed on the ceiling or the floor and it adapts to all bends, shapes, and textures as required.

S-Fabric is coated at both sides, increasing its combination and installation possibilities, as well as its absorbing surface.



Features

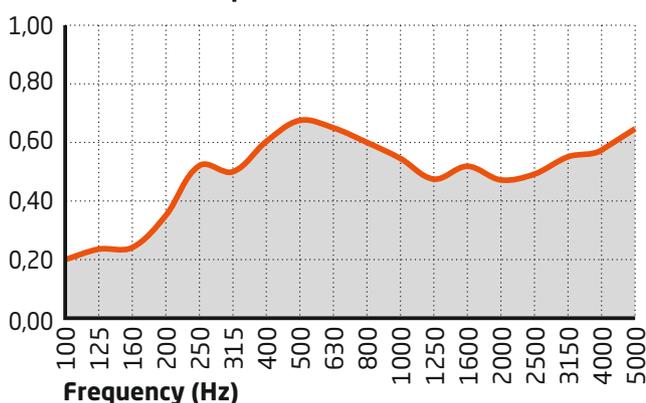
Compound material consisting of outer layers in fireproof polyester fabric. Its core is made of high-density pressed felt and low-density and open-cell polyurethane foam.

Finishes

Two combinations are available. Other combinations can be supplied if a minimum order is placed.



Acoustic absorption coefficient



Average acoustic absorption coefficient $\alpha_m = 0,56$

Noise reduction coefficient $NRC = 0,55$

Weighed acoustic absorption coefficient $\alpha_w = 0,60$



Benefits and applications

- It improves the acoustic comfort in the room.
- It reduces echo effects and focalizations.
- Recommended for high spaces.
- Porous absorbing material. The absorption is improved as frequency ID increases.
- Compatible with IDEATEC panels. It offers different and complementary acoustic behaviours.
- All components in the product have fireproof properties.
- Made of recycled fibers: 100% recyclable and environment-friendly. (Applicable only to ECOTEX).
- Easy installation with no works.
- Adaptable to any surface.
- Design and colour customization.
- Digital printing on fabrics.

Ecotex standard formats



Rectangle 1200 x 600 x 45 mm.
(3' 11-7/16" x 1' 11-13/16" x 1-3/4")



Square 600 x 600 x 45 mm.
(1' 11-13/16" x 1' 11-13/16" x 1-3/4")



Circle 600 mm Ø x 30 mm.
(1' 11-13/16" Ø x 1-3/16")



Polygon 900 x 900 x 30 mm.
(2' 11-5/8" x 2' 11-5/8" x 1-3/16")



Baffle 1200 x 300 x 45 mm.
(3' 11-7/16" x 11-13/16" x 1-3/4")

Fibertex standard formats

600 x 600 mm. (1' 11-13/16" x 1' 11-13/16")

1200 x 600 mm. (3' 11-7/16" x 1' 11-13/16")

1200 x 1000 mm. (3' 11-7/16" x 3' 3-3/8")

2400 x 1000 mm. (3' 11-7/16" x 3' 3-3/8")

Two thickness options available: 25 and 50 mm. (1" and 2")
Other formats, please ask.

Ecotex / Fibertex collection

Adriatic EJ154	Austen EJ173	Beltane EJ193	Black EJ138
Carron EJ015	Chaucer EJ172	Clan EJ169	Cluanie EJ180
Denny EJ196	Dolphin EJ105	Easdale EJ188	Fair isle EJ186
Galilee EJ125	Glass EJ004	Hillswick EJ190	Inverness EJ175
Lead EJ104	Lerwick EJ194	Lomond EJ195	Lora EJ187
Lossie EJ197	Maree EJ195	Merrick EJ048	Pitlochry EJ076
Portland EJ016	Ronay EJ189	Shetland EJ191	Spray EJ033
Staffa EJ185	Tummel EJ038	Vit EJ184	Walten EJ011

Camira cara



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**noise
under
control**

ideatec
advanced acoustic solutions

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