

idea**fab**ric

ecot**ex**
colort**ex**
fibert**ex**
b**l**ock

**The revolution
of sound control**

ideate**c** 
advanced acoustic solutions

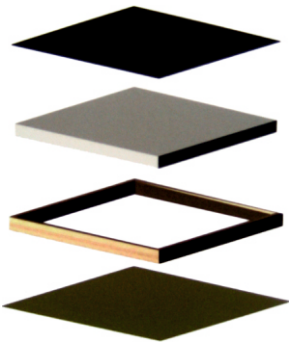


Product description

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.

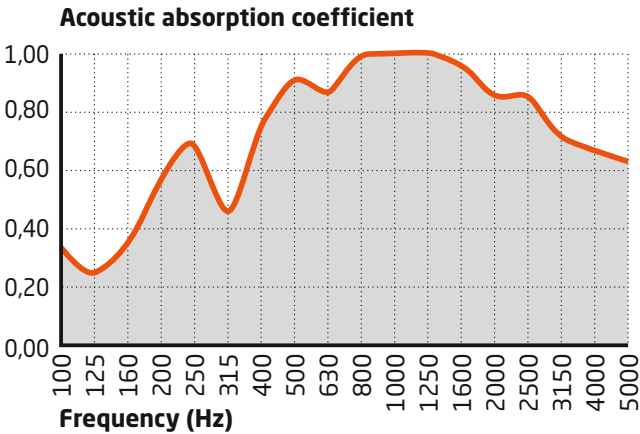
Thanks to its core made of recycled polyester fiber, we obtain very high absorption coefficients making it an ideal product to amend the acoustic intelligibility problems caused by the typical acoustic phenomena in rooms, such as echo, focalization, high reverberation time or any other effect generating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



Average acoustic absorption coefficient

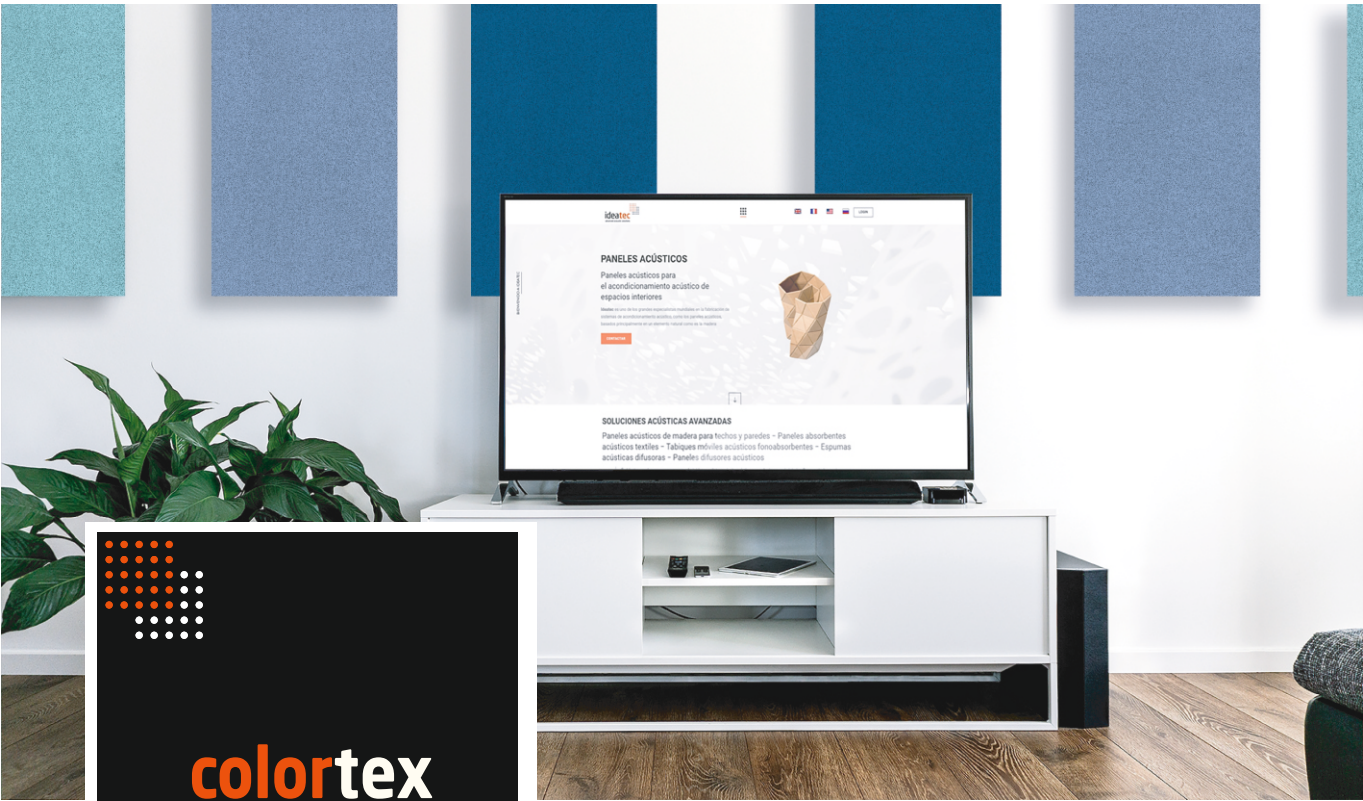
$\alpha_m = 0,92$

Noise reduction coefficient

$NRC = 0,80$

Weighed acoustic absorption coefficient

$\alpha_w = 0,80$



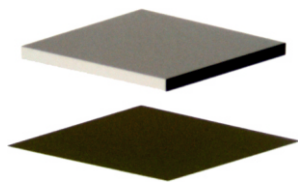
Product description

Colortex is a decorative and acoustic absorbent product for laying and roofing that helps to improve the acoustic quality, in topography of spaces, without major changes in its structure and without works.

Thanks to its core composed of mineral fiber we obtain high absorption coefficients, making it an ideal product to correct the problems of sound intelligibility caused by acoustic phenomena in a story room such as echoes, focalizations, high reverberation time and any effect that generate sound discomfort.

Its colour-lacquered surface offers the customer the possibility of choosing the finish that best suits him within the finishes of the Pantone, NCS or RAL finishes.

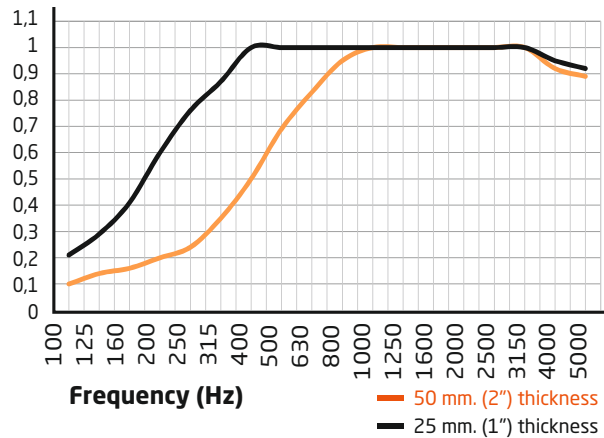
Colortex composition



- Mineral fiber core with acoustic absorption properties.
- Visible face lacquered to the water.
- Reaction to fire according to UNE 13501 Bs2 d



Acoustic absorption coefficient



Average
acoustic absorption
coefficient



$\alpha_m = 1,00$
 $\alpha_m = 0,90$

Noise reduction
coefficient



$NRC = 0,95$
 $NRC = 0,75$

Weighed
acoustic absorption
coefficient



$\alpha_w = 1,00$
 $\alpha_w = 0,55$



Product description

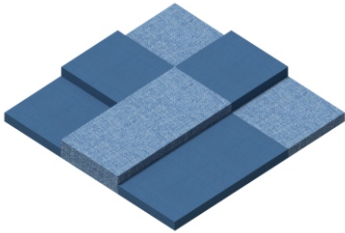
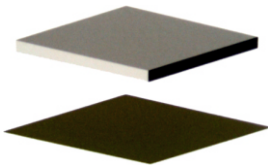
The IDEATEC Fibertex and Block solutions offer an innovative design in the field of acoustic conditioning with a simple installation and with hardly any maintenance.

Its fiberglass core offers excellent results in terms of acoustic absorption and noise reduction. In addition, they have a fire retardant textile covering in a wide range of colors that facilitates their adaptation to any space and increases the absorption surface.

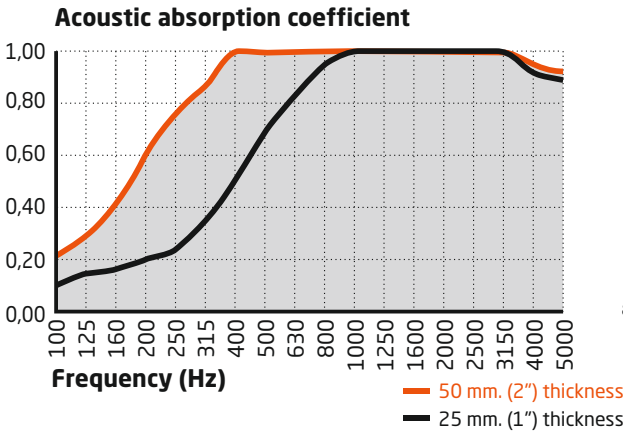


Composition

- Glass fiber core with acoustic absorption properties. Density of up to 96 kg/m3
 - Fireproof textile coating in a wide range of colours. Images can be printed on the fabrics.
 - Base of MDF (only BLOCK)
- All components in the product are fireproof.



50 mm and 25 mm thick modules coupled on a 4mm thick MDF board.
16 possible combinations of modules.
Fabrics shown: Dolphin J105 - Inverness J175



STUDIED DATA

Thickness: 25 mm (orange chart)
50 mm (black chart)

Noise reduction coefficient



NRC = 0,77
NRC = 0,94

Average acoustic absorption coefficient



alpha_m = 0,95
alpha_m = 1,00

Weighed acoustic absorption coefficient




alpha_w = 0,85
alpha_w = 1,00




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. 1200 x 600 mm. Thickness: 25 and 50 mm.
 1200 x 1000 mm. 2400 x 1000 mm. 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**