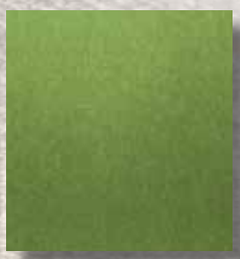
ideaflow

Design and sustainable acoustic comfort

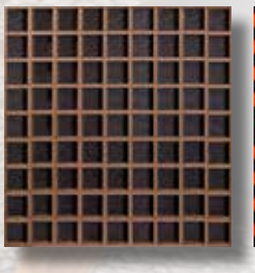
Ideaflow is a panel made up of recycled polyester fibres, respectful of the environment and designed to offer the greatest acoustic comfort in any type of design and finish.

Its high impact resistance combines with its finish non-reflective to offer a product that is easy to install, light, clean and with an infinite range of colours.

Panel

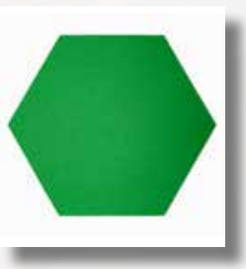


Tile



Rejilla

Abaraska



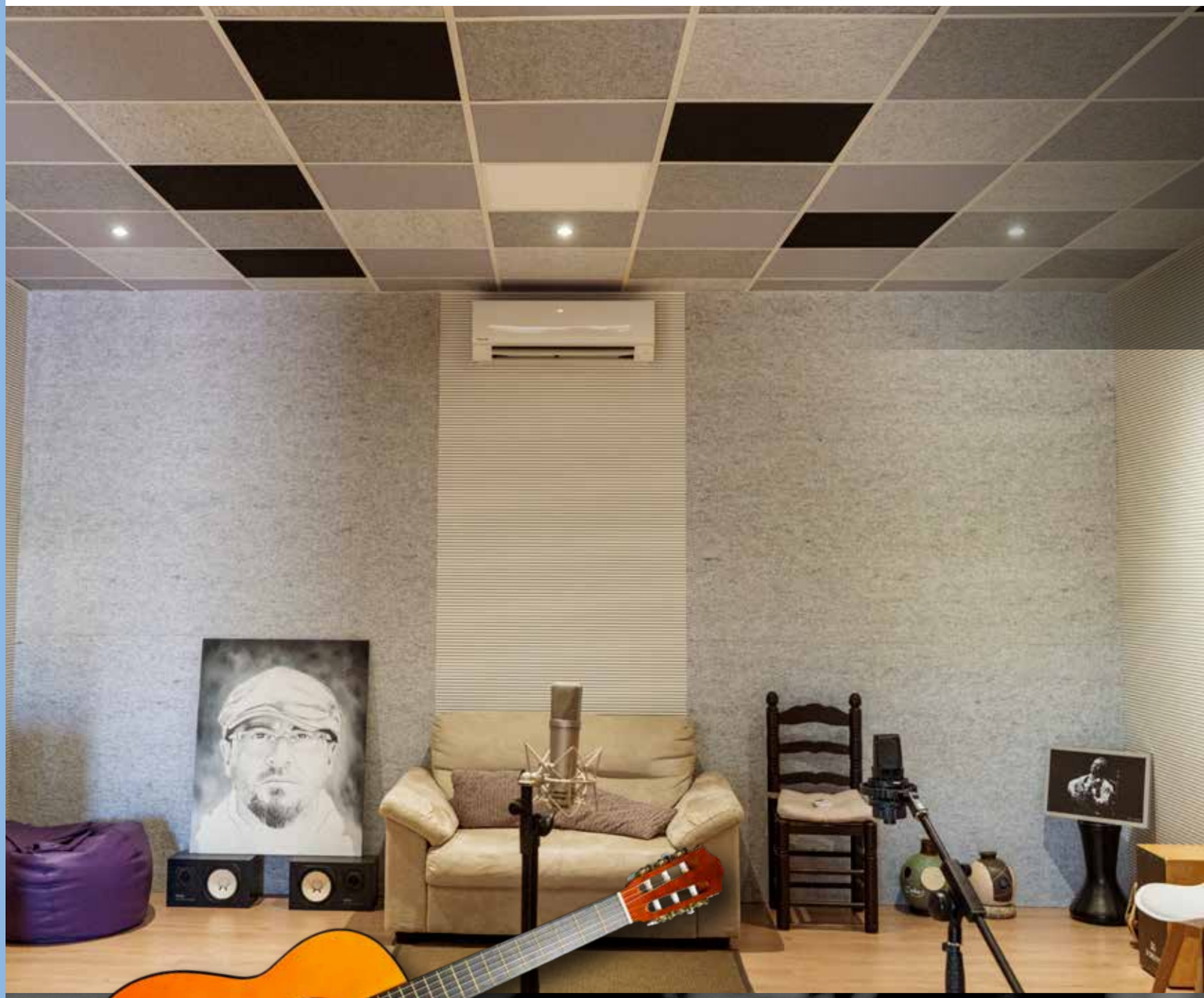
Hexagon

Hanging spacer

Bafle

Viga

Wave cloud felt LWCF



Whistle El Pampito (El Bolita) / Jerez de la Frontera, Cádiz - Spain

ideaflow

Panel

Panel sound Absorption made of recycled polyester fiber.

It is ideal for all types of interior spaces, it also has a high impact resistance, and easy cleaning and installation.

Unsquared product.

Data studied

Coating dimensions	Thickness	Weight
2440 x 1220 mm	9 mm	1,72 kg/m²

Fiber board polyester

Average acoustic absorption coefficient **αm**

αm= 0,40
αm= 0,75

Weighted sound absorption coefficient **αw**

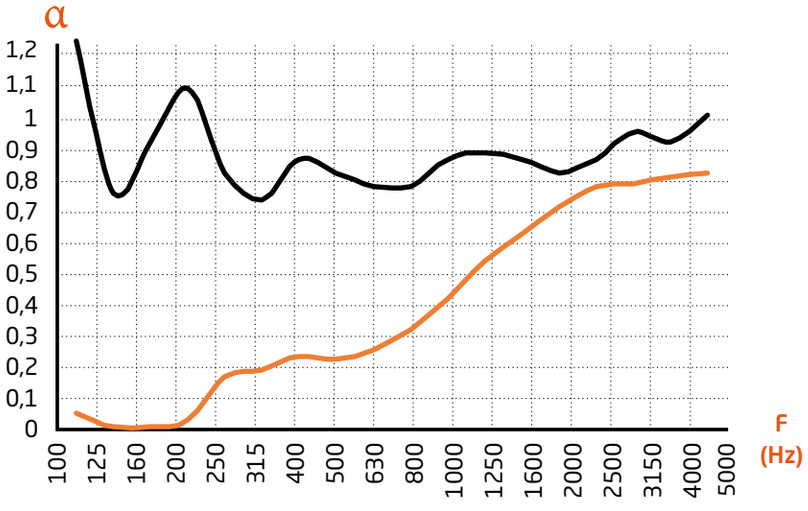
αw= 0,30*
αw= 0,80

Noise reduction coefficient **NRC**

NCR= 0,35
NCR= 0,75

*Material with high Absorption coefficient at high (A) frequencies.

Absorption coefficient

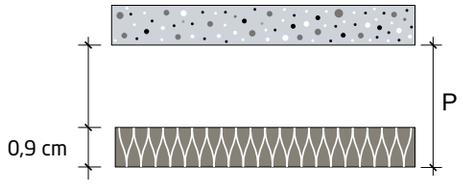


Test conditions without plenum

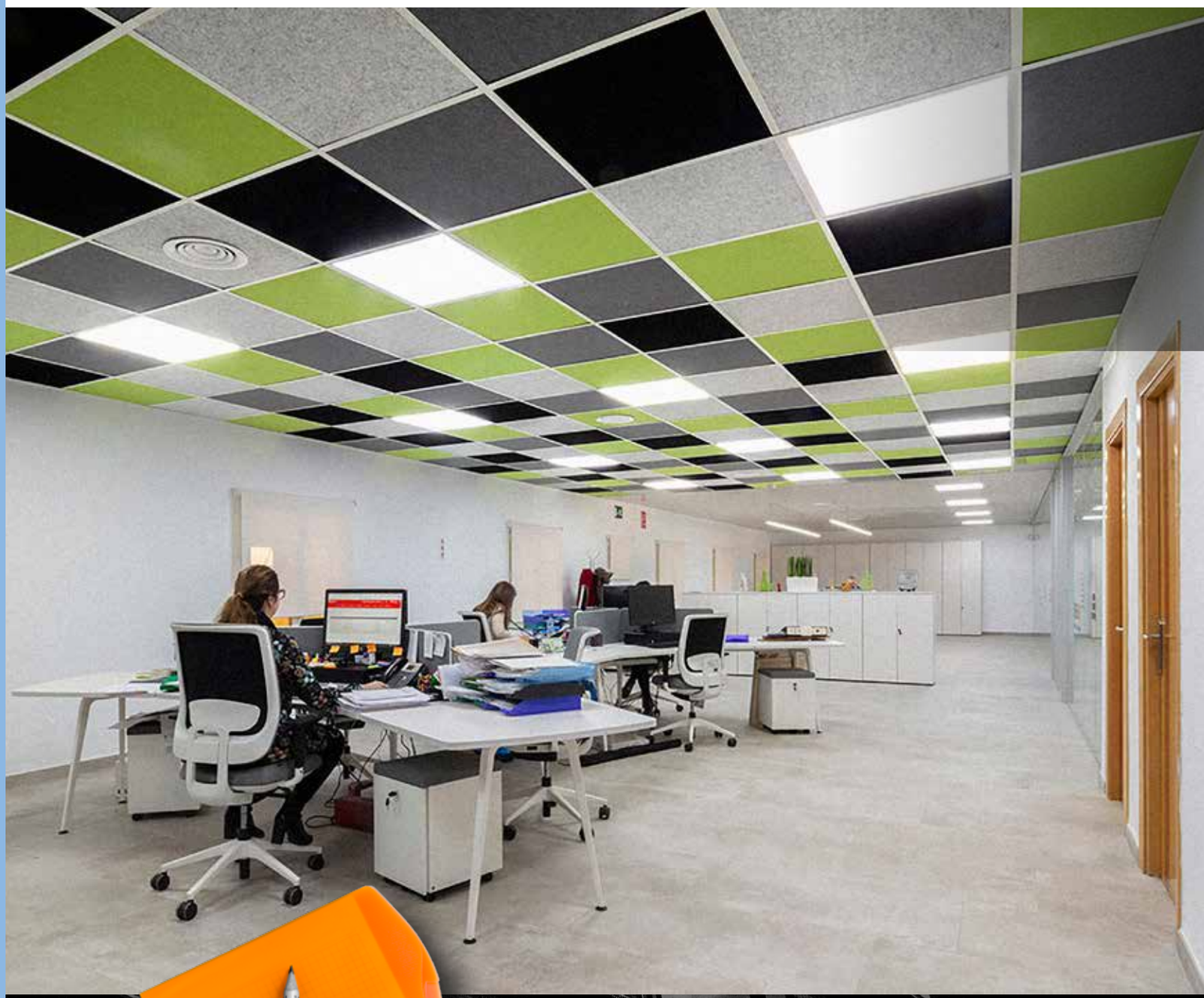
without plenum.

5 cm total height of the plenum box.

Test scheme



P = Plenum



Ideatec Offices / Novelda, Alicante - Spain

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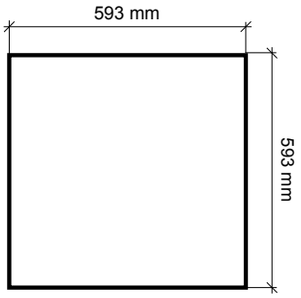
Tile

Tile offers an innovative design in the field of acoustic conditioning of both public and private spaces, with a simple installation and hardly any maintenance. It is made of recycled polyester fiber and has been designed with a large Absorption surface, which makes it a perfect acoustic conditioner. It is available in various cut sizes for installation in exposed ceilings.

Data studied

Coating dimensions	Ceiling dimensions	Thickness	Weight
600/1200 x 600 mm	593 x 593 mm	9 mm	1,72 kg/m²

*Other dimensions consult



fiber board
polyester

Average acoustic Absorption coefficient
αm

αm= 0,40
αm= 0,75

Weighted sound absorption coefficient
αw

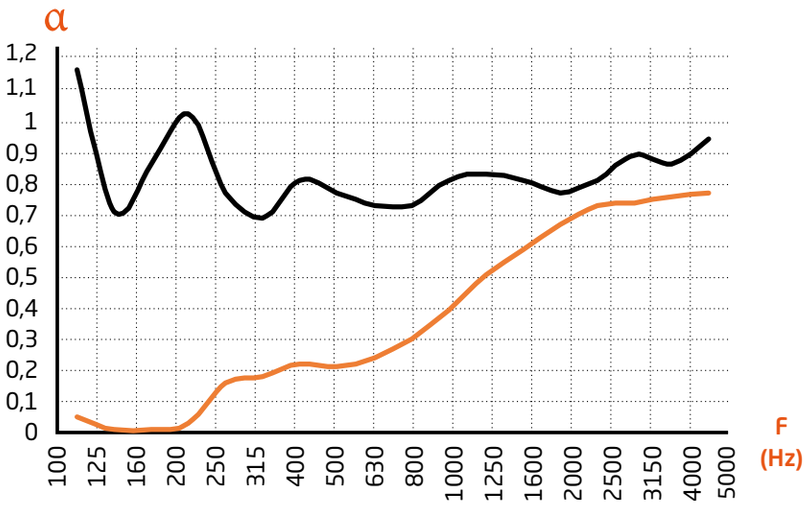
αw= 0,30*
αw= 0,80

Noise reduction coefficient
NRC

NCR= 0,35
NCR= 0,75

*Material con coeficiente de absorción elevados a altas (A) frecuencias.

Absorption coefficient

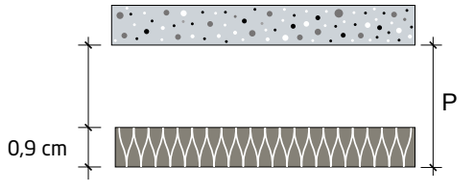


Test conditions without plenum

Without plenum.

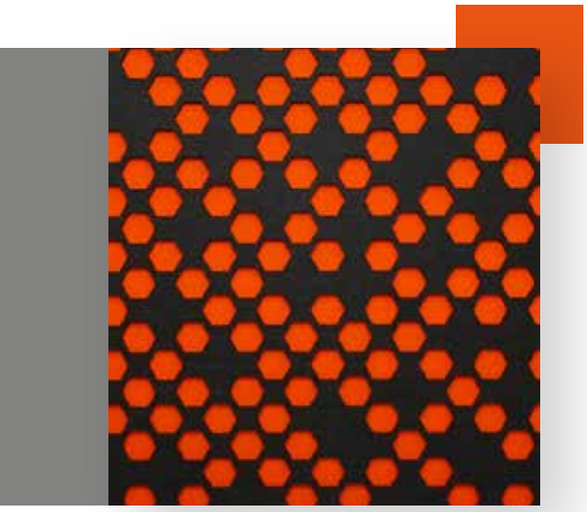
5 cm total height of the plenum box.

Test scheme



P = Plenum

Office meeting room / Seville - Spain

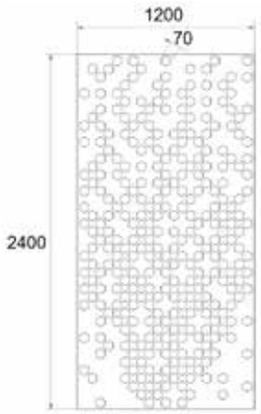


ideaflow

Abaraska

Thanks to the panels **Abaraska** any space can be adapted to the standards of the Technical Building Code (CTE), avoiding costly works and activity interruptions.

Abaraska improves the acoustic quality of all types of public, private, commercial, cultural, sports and hospitality spaces. Solutions, in the form of panels in different shades and dimensions.



Visible face: **perforated polyester fiber**
Back: **plain polyester fiber**

Data studied

Coating dimensions	Thickness	Weight
2400 x 1200 mm	18 mm	3,44 kg/m²

*Other dimensions consult

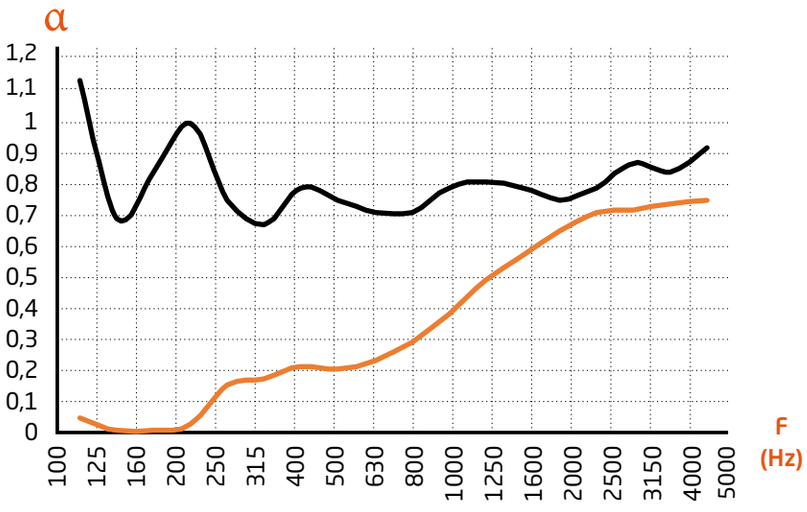
Average acoustic absorption coefficient **αm**
αm= 0,40
αm= 0,75

Weighted sound absorption coefficient **αw**
αw= 0,30*
αw= 0,80

Noise reduction coefficient **NRC**
NCR= 0,35
NCR= 0,75

*Material with high Absorption coefficient at high (A) frequencies.

Absorption coefficient

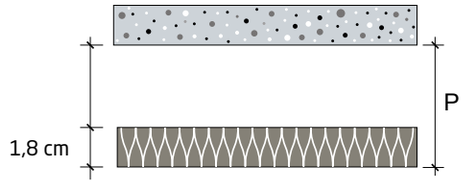


Test conditions without plenum

Without plenum.

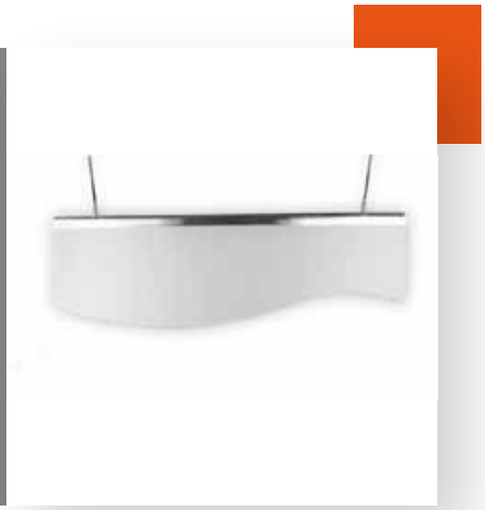
5 cm total height of the plenum box.

Test scheme



P = Plenum

SPA & WELLNESS center - UK



ideaflow

Bafle

Bafle in recycled polyester fiber with a metal structure for suspension, by the yard.

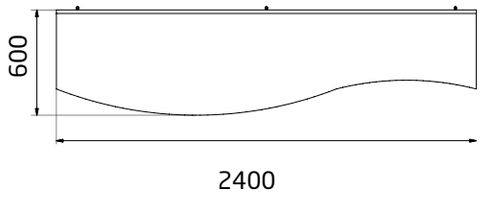
It is a lightweight product available in 20 colors that can be incorporated into all types of spaces that require sound Absorption.

Consult special dimensions.

Data studied

Coating dimensions	Thickness	Weight
2400 x 600 mm	18 mm	3,44 kg/m²

*Other dimensions consult. Cut to size



Fiber panel polyester

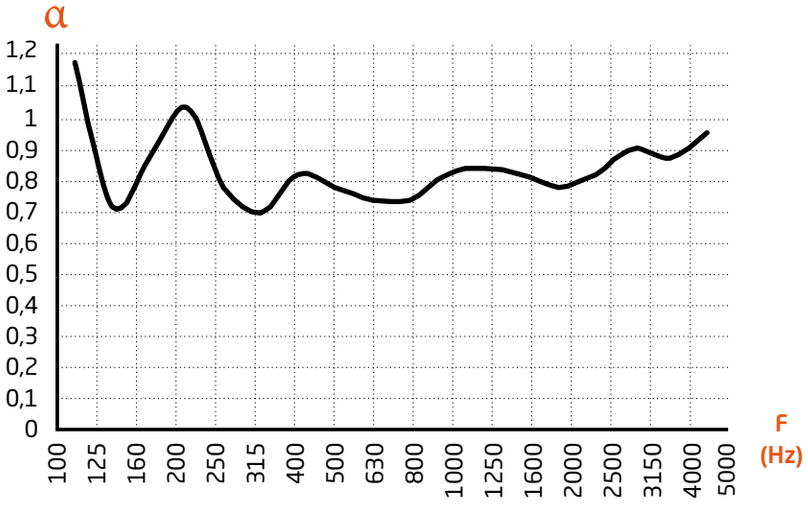
Average acoustic absorption coefficient αm — **αm= 0,75**

Weighted sound absorption coefficient αw — **αw= 0,80**

Noise reduction coefficient NRC — **NCR= 0,75**

*Material with high Absorption coefficient at high (A) frequencies.

Absorption coefficient

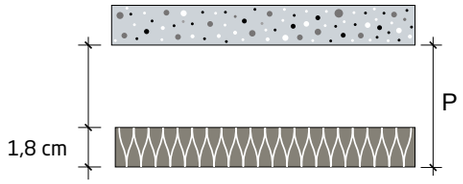


Simulated test

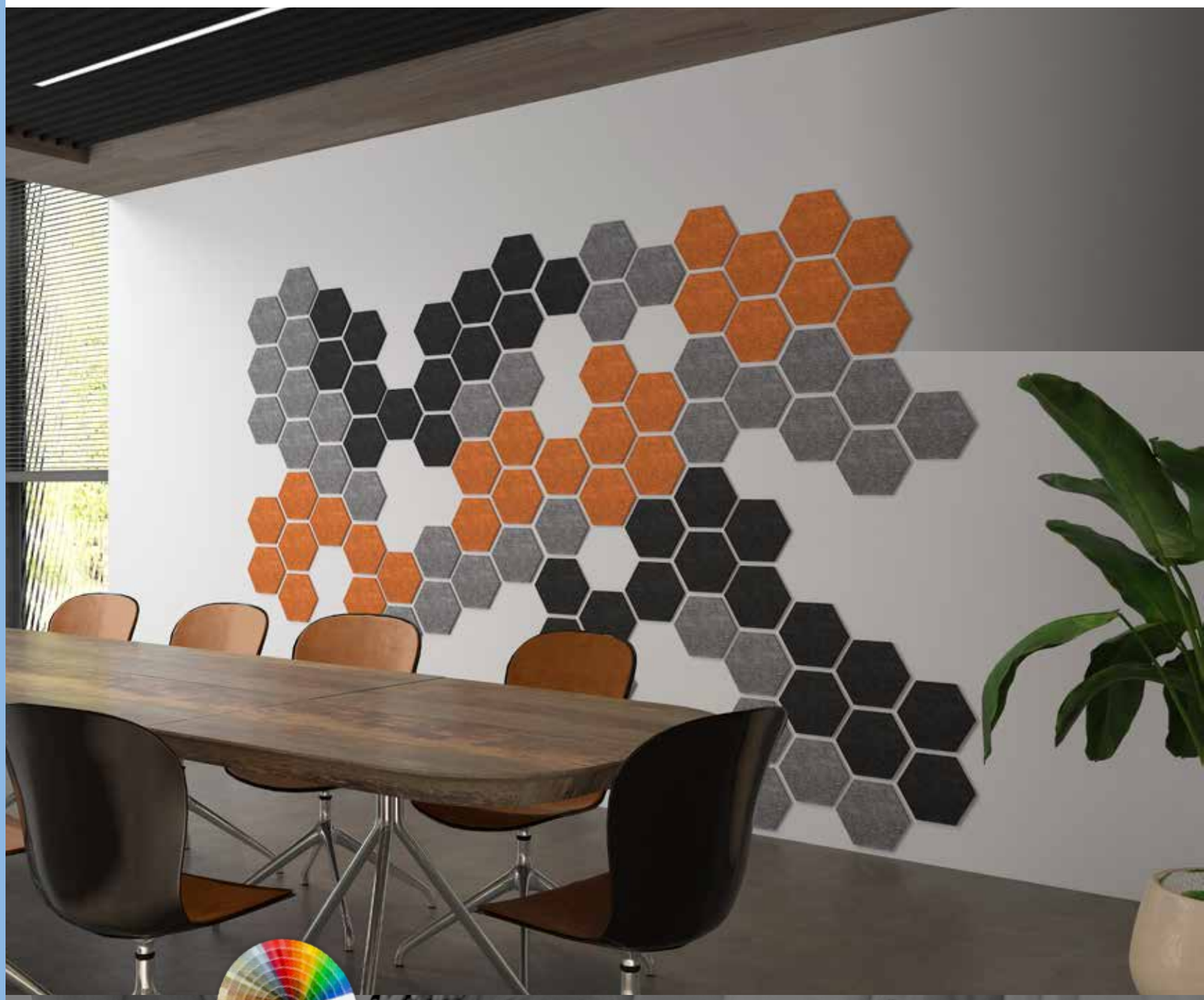
Test conditions without plenum

5 cm total height of the plenum box.

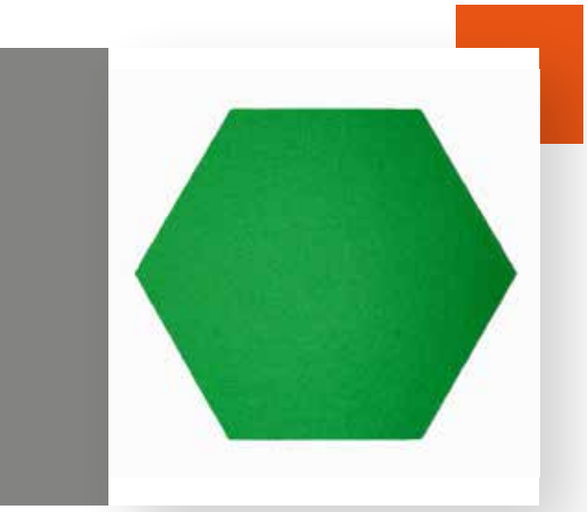
Test scheme



P = Plenum



Corporate Headquarters - Australia



ideaflow

Hexagon

Hexagon is a product with an innovative and attractive design that can be adapted to any type of space.

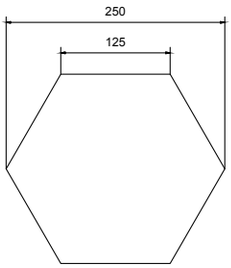
The different pieces can be arranged in thousands of ways and form different motifs.

Its composition based on recycled polyester fiber gives it magnificent acoustic Absorption properties, being environmentally friendly.

Data studied

Coating dimensions	Thickness	Weight
250 x 216,5 mm	9 mm	1,72 kg/m²

*Other dimensions consult



Fiber figure of polyester

Average acoustic absorption coefficient
αm

αm= 0,40
αm= 0,75

Weighted sound absorption coefficient
αw

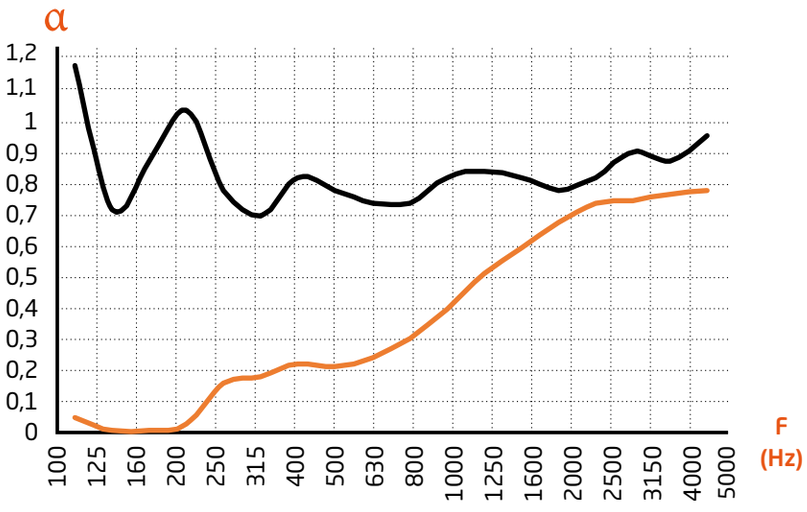
αw= 0,30*
αw= 0,80

Noise reduction coefficient
NRC

NCR= 0,35
NCR= 0,75

*Material with high Absorption coefficient at high (A) frequencies.

Absorption coefficient

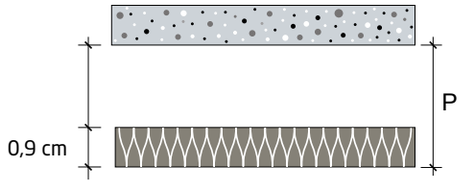


Test conditions without plenum

Without plenum.

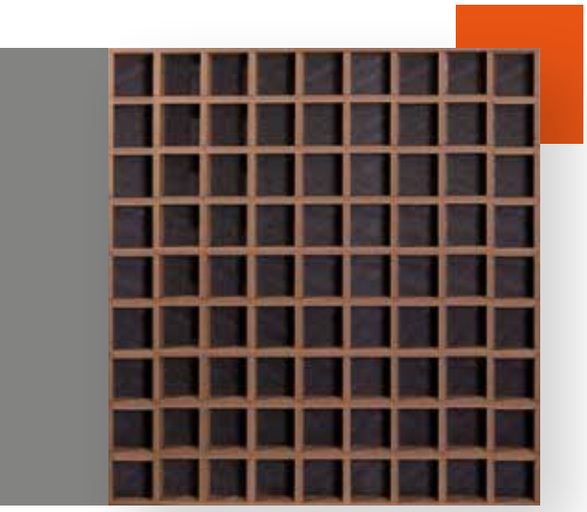
5 cm total height of the plenum box.

Test scheme



P = Plenum

Management office / Alicante - Spain



ideaflow

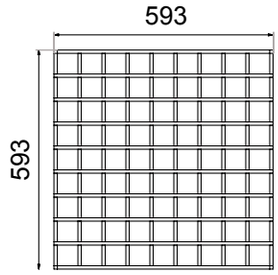
Rejilla

Rejilla has been designed to surprise, its wood-inspired finish evokes the old grilles and lattices of yesteryear but offering the lightness of polyester fiber, it incorporates an acoustic veil in each piece that allows it to improve its acoustic performance.

Data studied

Coating dimensions	Thickness	Weight
593 x 593 x 40 mm	40 mm	2,26 kg/m²

*Other dimensions consult



Visible face: **polyester fiber**
Back: **acoustic veil**

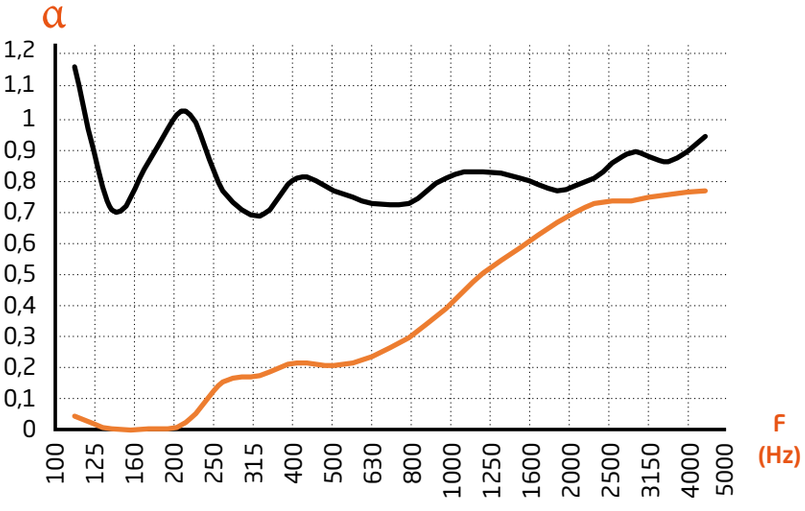
Average acoustic absorption coefficient
αm
αm= 0,40
αm= 0,75

Weighted sound absorption coefficient
αw
αw= 0,30*
αw= 0,80

Noise reduction coefficient
NRC
NCR= 0,35
NCR= 0,75

*Material with high Absorption coefficient at high (A) frequencies.

Absorption coefficient

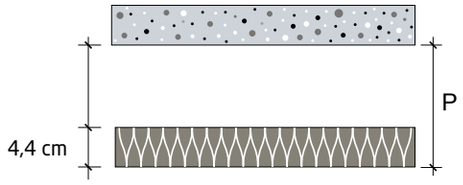


Test conditions without plenum

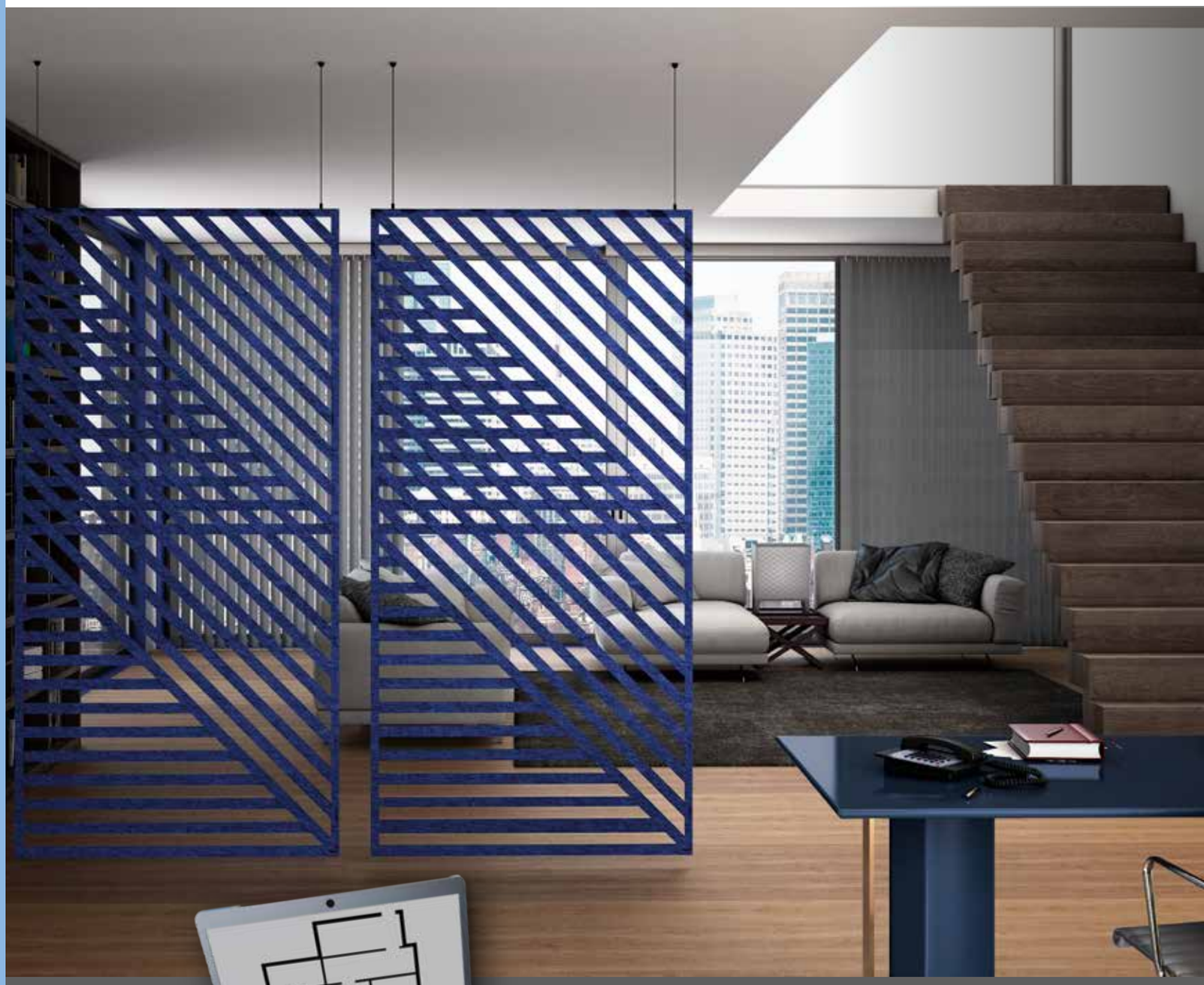
Without plenum.

5 cm total height of the plenum box.

Test scheme



P = Plenum



ECOART Office/ Madrid- Spain

ideaflow

Hanging spacer

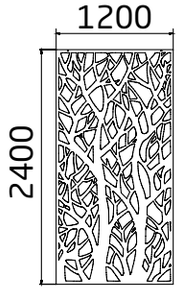
Hanging spacer available in any design, ideal for acoustically and optically dividing spaces, hanging system with steel cable.

May include metal plate depending on size. A wide range of colors that combine in all spaces.

Data studied

Coating dimensions	Thickness	Weight
2400 x 1200 mm	9 mm	0,86 kg/m²

*Other dimensions and designs consult



Both faces:
same design

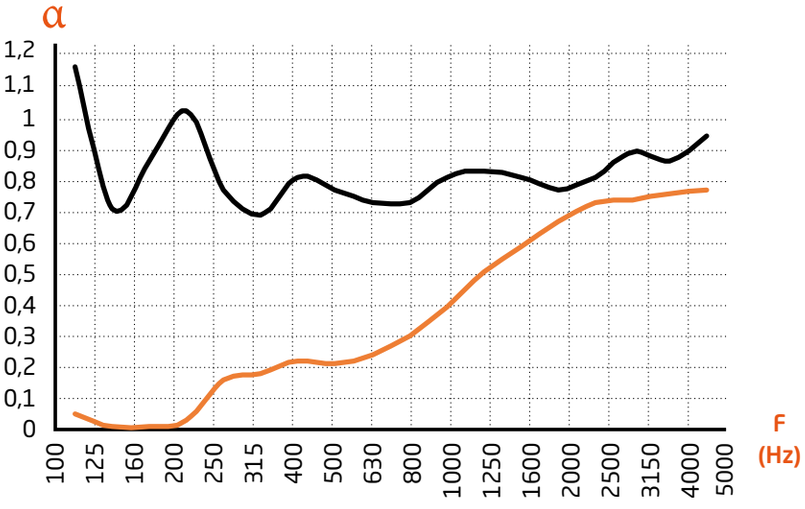
Average acoustic absorption coefficient
αm
αm= 0,40
αm= 0,75

Weighted sound absorption coefficient
αw
αw= 0,30*
αw= 0,80

Noise reduction coefficient
NRC
NCR= 0,35
NCR= 0,75

*Material with high Absorption coefficient at high (A) frequencies.

Absorption coefficient

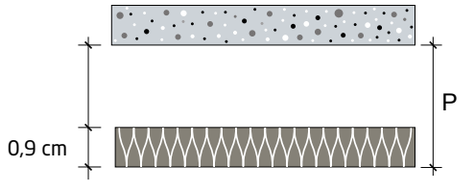


Test conditions without plenum

Without plenum.

5 cm total height of the plenum box.

Test scheme



P = Plenum

Commercial space / USA

ideaflow

Viga

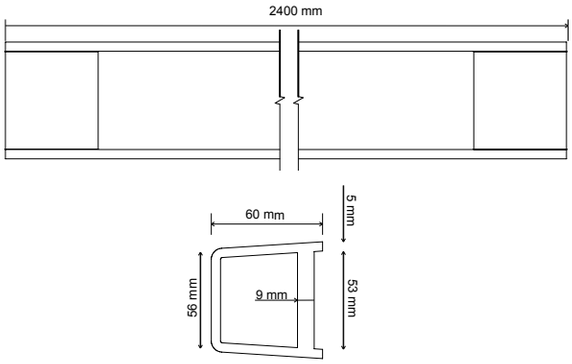
Viga is a decorative and acoustic absorbent product for installation on ceilings and walls that helps improve acoustic quality, in all types of spaces, without the need for major changes in its structure and without works.

Ideal for correcting sound intelligibility problems caused by acoustic phenomena in a room, while acquiring a sustainable and environmentally friendly product.

Data studied

Coating dimensions	Thickness	Weight
2400 x 60 x 60 mm	9 mm	2,26 kg/m²

*Other dimensions consult



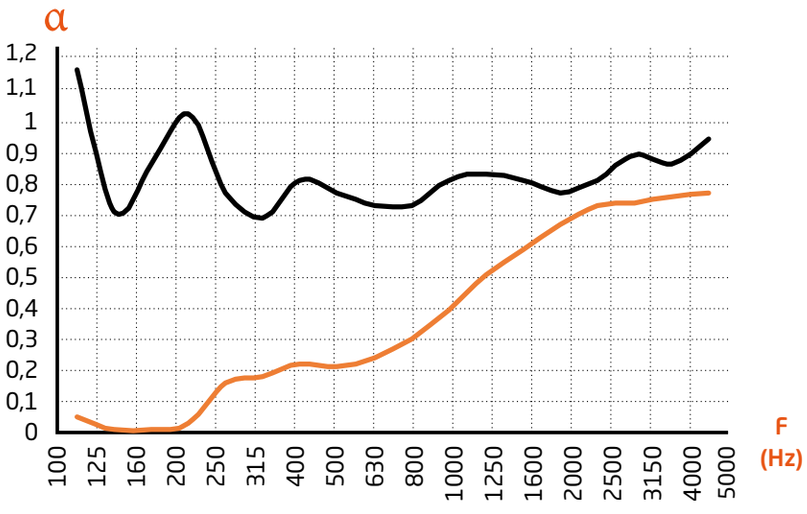
Average acoustic absorption coefficient
αm
αm= 0,40
αm= 0,75

Weighted sound absorption coefficient
αw
αw= 0,30*
αw= 0,80

Noise reduction coefficient
NRC
NCR= 0,35
NCR= 0,75

*Material with high Absorption coefficient at high (A) frequencies.

Absorption coefficient



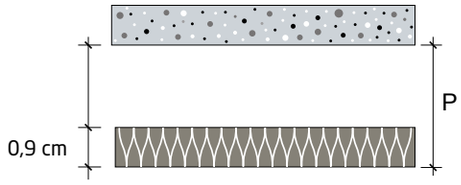
Simulated test

Test conditions without plenum

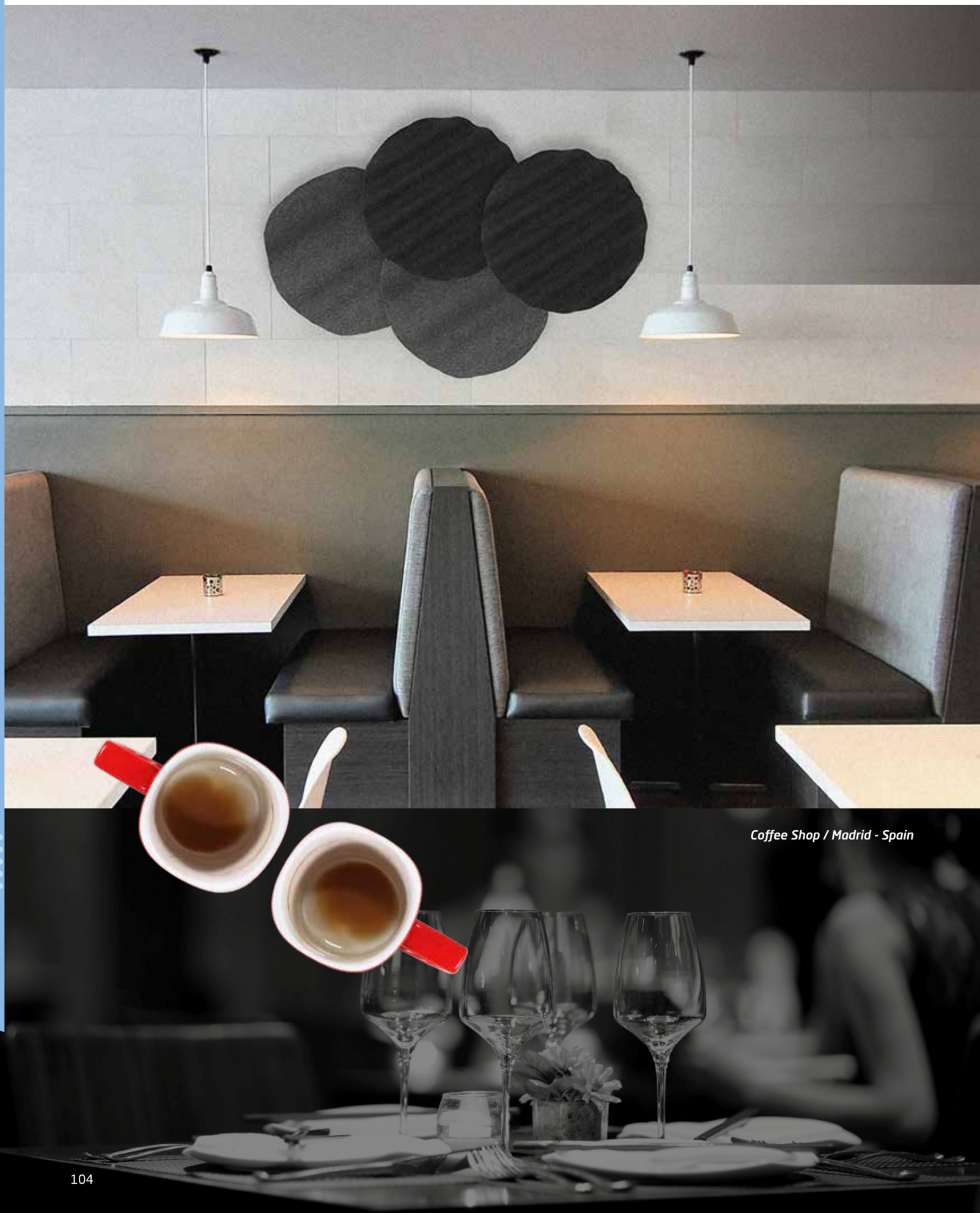
without plenum.

5 cm total height of the plenum box.

Test scheme



P = Plenum



Coffee Shop / Madrid - Spain

ideaflow

Wave cloud felt LWCF

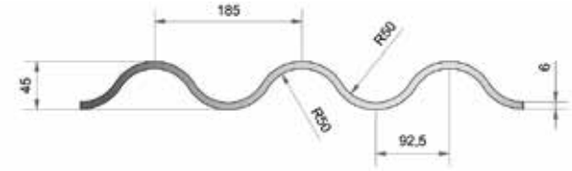
Wave Cloud Felt is a product with an innovative design that allows acoustic conditioning of all types of spaces, both on walls and ceilings.

It is made of recycled polyester fiber, which gives it excellent acoustic Absorption properties while being an environmentally sustainable product. They are available in a wide range of colours, which increases their level of adaptation to interior decoration.

Data studied

LWCF Dimensions	Thickness
595 x 550 / 1095 x 1060 mm	6 mm

*Other dimensions consult



Average acoustic absorption coefficient
αm

αm= 0,40
αm= 0,75

Weighted sound absorption coefficient
αw

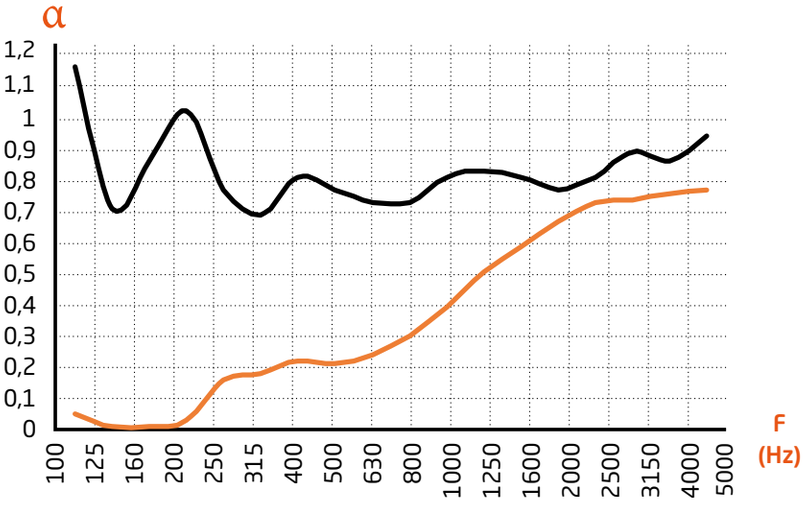
αw= 0,30*
αw= 0,80

Noise reduction coefficient
NRC

NCR= 0,35
NCR= 0,75

*Material with high Absorption coefficient at high (A) frequencies.

Absorption coefficient

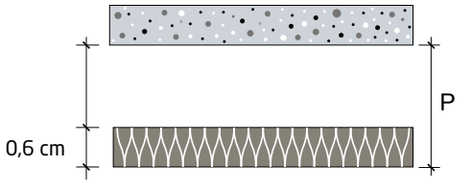


Test conditions without plenum

Without plenum.

5 cm total height of the plenum box.

Test scheme



P = Plenum

Decorative acoustic panels

Uur new panel **IDEAFLOW** does not only control reverberant sound They not only control the reverberant sound but also provide an exclusive design to the spaces with the many possibilities it offers.

Changes in our color palette made it possible for IDEATEC to market this new product in 18 different colors ranging from subtler shades to brighter and more colorful.

ideaFLOW has been developed as an acoustic panel light and semi-rigid made of 100% polyester fiber with a minimum of 85% recycled material (PET bottle flakes).

It can be used as a base material for a more traditional result, or buyers can choose from a wide variety of creative and aesthetic designs.

Support materials

Fiber **Polyester** 9 mm.

Recycled Polyester Fiber Board

Flame retardant

Waterproof

Recycling

Special support materials: Consult.

Sound-absorbent layer: Recycled polyester fiber core.

Tolerance: Width: +/- 3 mm. // Length +/- 3 mm. According to CE marking.

Installation

Ceiling profiles

Viewed

Coating profiles

Viewed

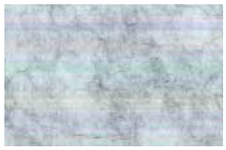
Standard finishes

KP-04


KP-27


KP 36


KP-11


KP-10


KP-40


KP-17


KP-18


KP-03


KP-37


KP-35


KP-13

KP-01


KP-30


KP-33


KP-05


KP-23


KP-28


KP-12


KP-02

* Other colors consult

Quality guaranteed in all projects

Technology and the constant supervision of a large team of professionals, as well as media, allow us to guarantee all our products.

The overall quality of **IDEATEC** in all production processes is endorsed by standards **ISO 9001** of quality and **ISO 14001** of environmental commitment.

IDEATEC has the Chain of Custody Certificate **PEFC** and **FSC®**,with which it is guaranteed that we act according to the main international standards **FSC® (Forest Stewardship Council®)** and **PEFC (Programme for the Endorsement of Forest Certification schemes)** using in its products wood from forests whose management is environmentally responsible, economically viable and socially beneficial.

Products with **FSC®** and **PEFC** Certificates are available only on demand.