

ideawood

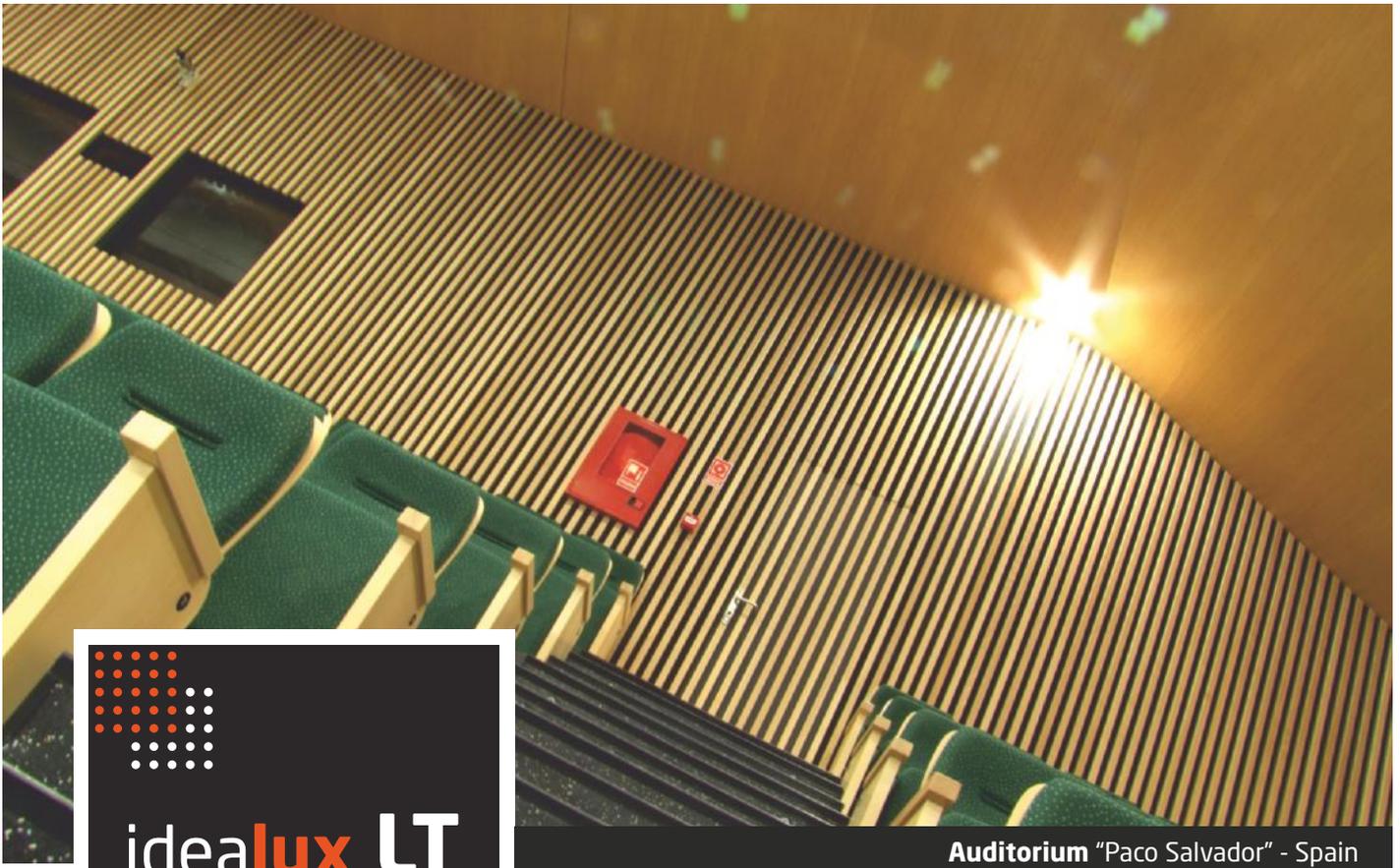
wood's natural
beauty

idealux LT
idealux LR
slats
grid

ideatec

advanced acoustic solutions





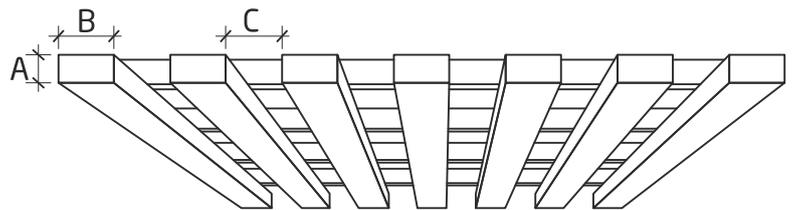
Auditorium "Paco Salvador" - Spain



idealux LT

ideatec
advanced acoustic solutions

Slat panels for walls and ceilings, available in several widths/heights and gap widths.



Back hidden panels supports complete system.
Access panels available with easy-handling
Grid may remain visible or covered by an acoustic fleece, or with polyester fiber panels or rock wool for better acoustic performance.

Panels models:

1935 x 600 x 44 mm.

Slat 22(A) x 45(B) mm. gap 41(C) mm.

1935 x 600 x 44 mm.

Slat 22(A) x 90(B) mm. gap 30(C) mm.

1935 x 600 x 67 mm.

Slat 45(A) x 22(B) mm. gap 38(C) mm.

1935 x 600 x 92 mm.

Slat 70(A) x 22(B) mm. gap 64(C) mm.
(ask for other available measures)

6'4-3/16" x 1'11-7/16" x 1-3/4"

Slat 7/8"(A) x 1-3/4"(B), gap 1-9/16"(C)

6'4-3/16" x 1'11-7/16" x 1-3/4"

Slat 7/8"(A) x 3-9/16"(B), gap 1-3/16"(C)

6'4-3/16" x 1'11-7/16" x 2-5/8"

Slat 1-3/4"(A) x 7/8"(B), gap 1-1/2"(C)

6'4-3/16" x 1'11-7/16" x 3-5/8"

Slat 2-3/4"(A) x 7/8"(B), gap 2-1/2"(C)
(ask for other available measures)

Available Woods



Pine

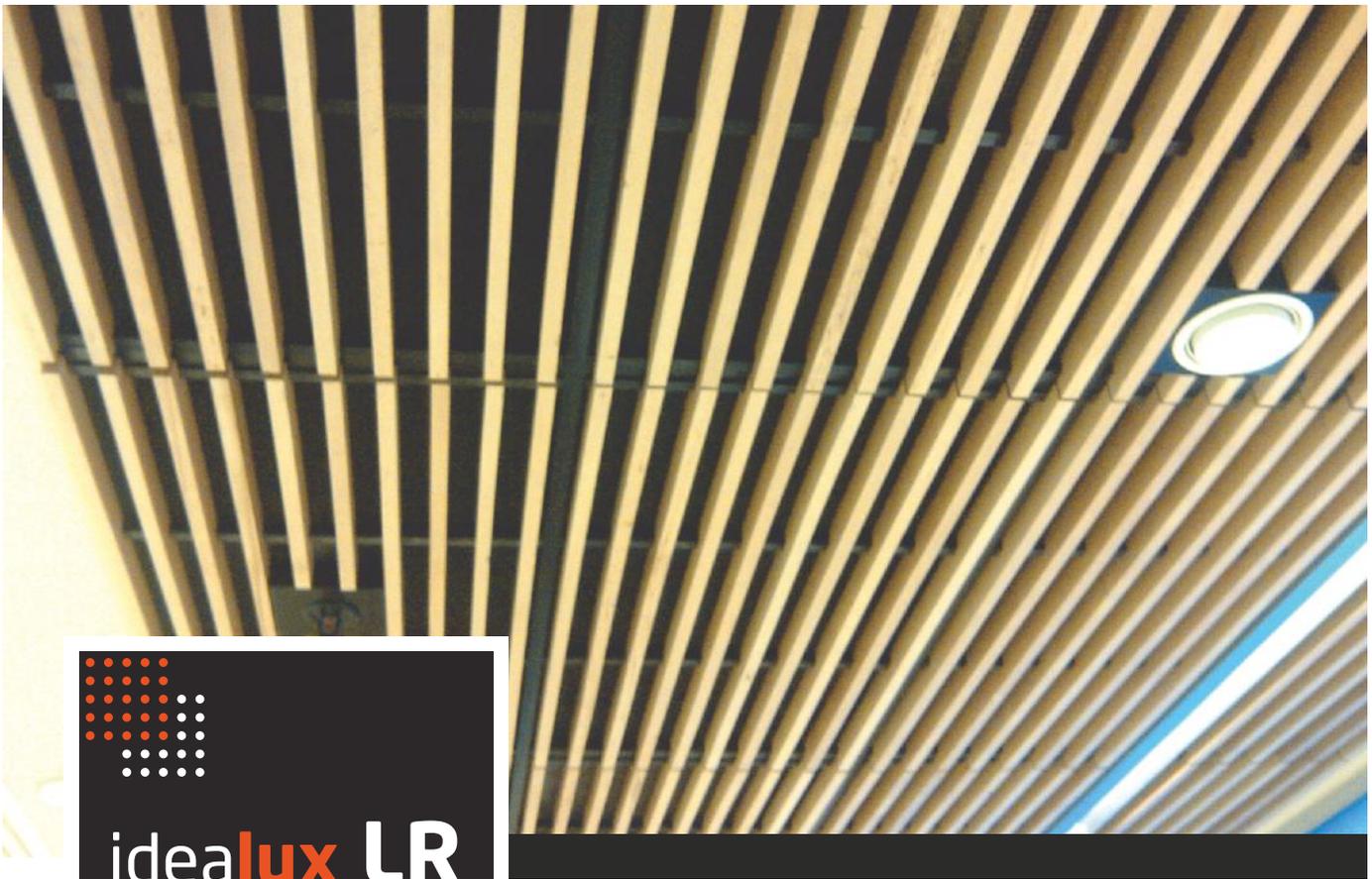
Colorless varnish, stained o lacquer.



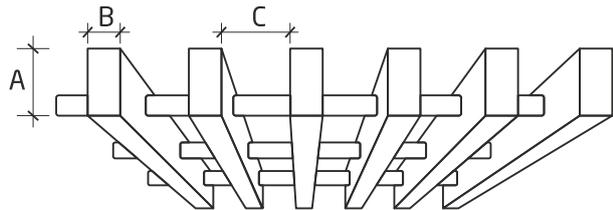
Fire-rated and non fire-rated:
Available.

Recommended installation:

T24 (T15/16")
profile and gages.



Slat panels for ceilings available in several widths/heights and gap widths.



Transverse wood bars or rods keeps slaps together. Access panels available with easy-handling.

Panels models:

1800 x 560 x 90 mm.

Slat 90(A) x 22(B) mm. gap 90(C) mm.

1800 x 536 x 45 mm.

Slat 45(A) x 22(B) mm. gap 45(C) mm.

1800 x 552 x 70 mm.

Slat 70(A) x 22(B) mm. gap 70(C) mm.

1800 x 536 x 90 mm.

Slat 90(A) x 22(B) mm. gap 45© mm.
(ask for other available measures)

5'10-7/8" x 1'10-1/16" x 3-9/16"

Slat 3-9/16"(A) x 7/8"(B), gap 3-9/16"(C)

5'10-7/8" x 1'9-1/8" x 1-3/4"

Slat 1-3/4"(A) x 7/8"(B), gap 1-3/4"(C)

5'10-7/8" x 1'9-3/4" x 2-3/4"

Slat 2-3/4"(A) x 7/8"(B), gap 2-3/4"(C)

5'10-7/8" x 1'9-1/8" x 3-9/16"

Slat 3-9/16"(A) x 7/8"(B), gap 1-3/4"(C)
(ask for other available measures)

Available Woods



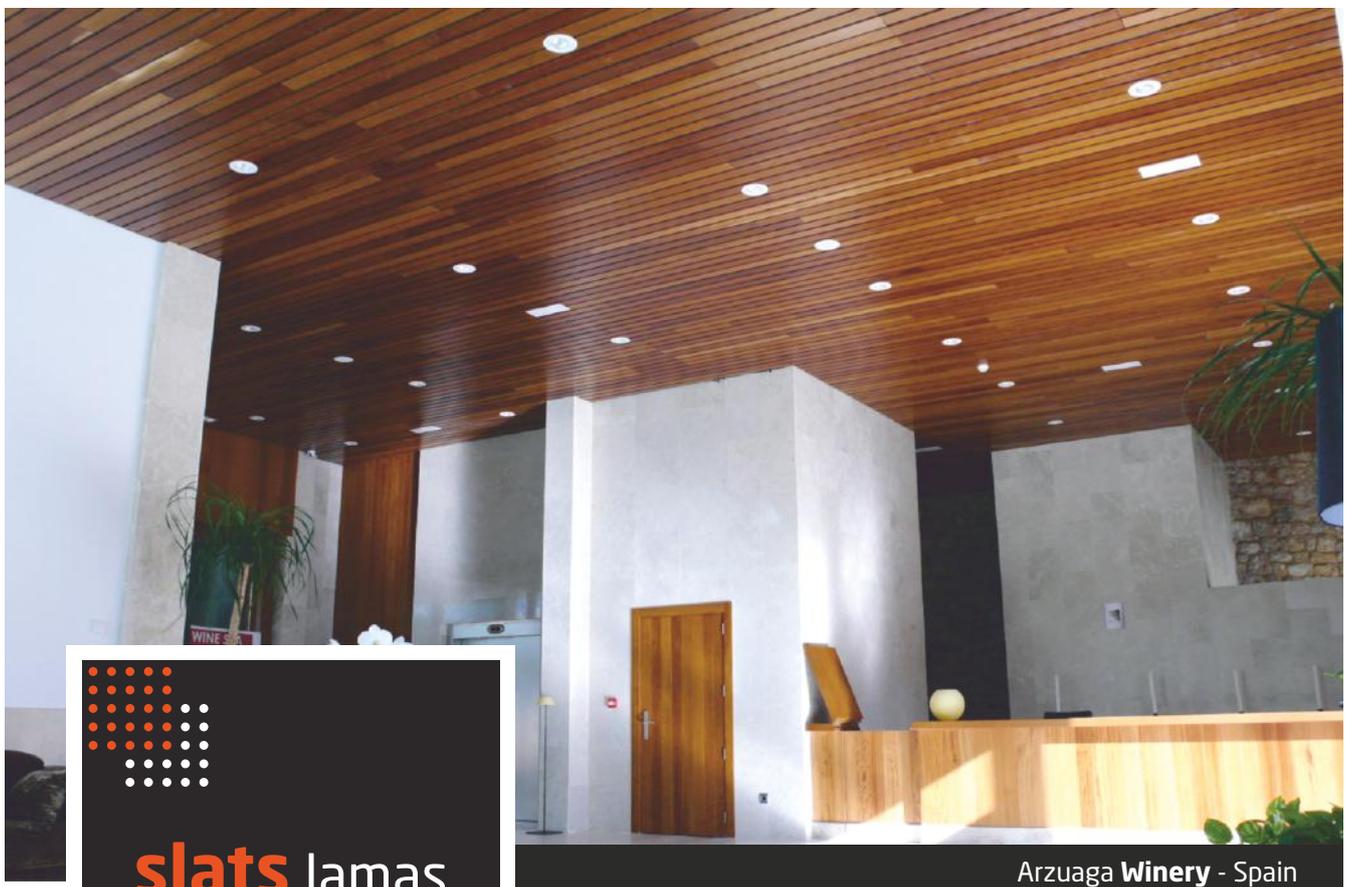
Pine

Colorless varnish, stained o lacquer.



Fire-rated and non fire-rated:
Available.

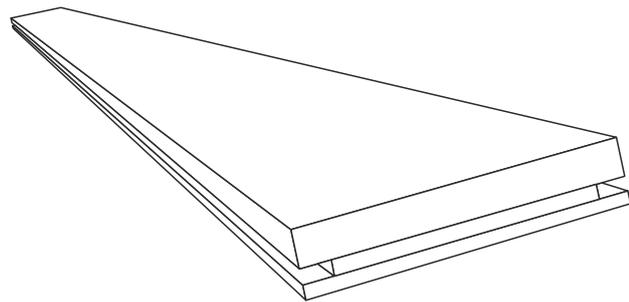
Recommended installation:
Ideatec's hangers.



Arzuaga Winery - Spain



Hardwood slat systems for ceilings, are available in different sizes/widths, and edge selections including tongue and groove edges and individual panels to provide gaps in between.



Hardwood slat systems for ceilings allow covering surfaces with tongue and groove systems or with spaces between slats.

These installations may have accessible areas, which make them fully versatile.

Slat sizes (random lenght):

90/140 x 19 mm. 3-9/16" / 5-1/4" x 3/4"

Optional:

Acoustic veil in the gap between slats.

Edge systems:



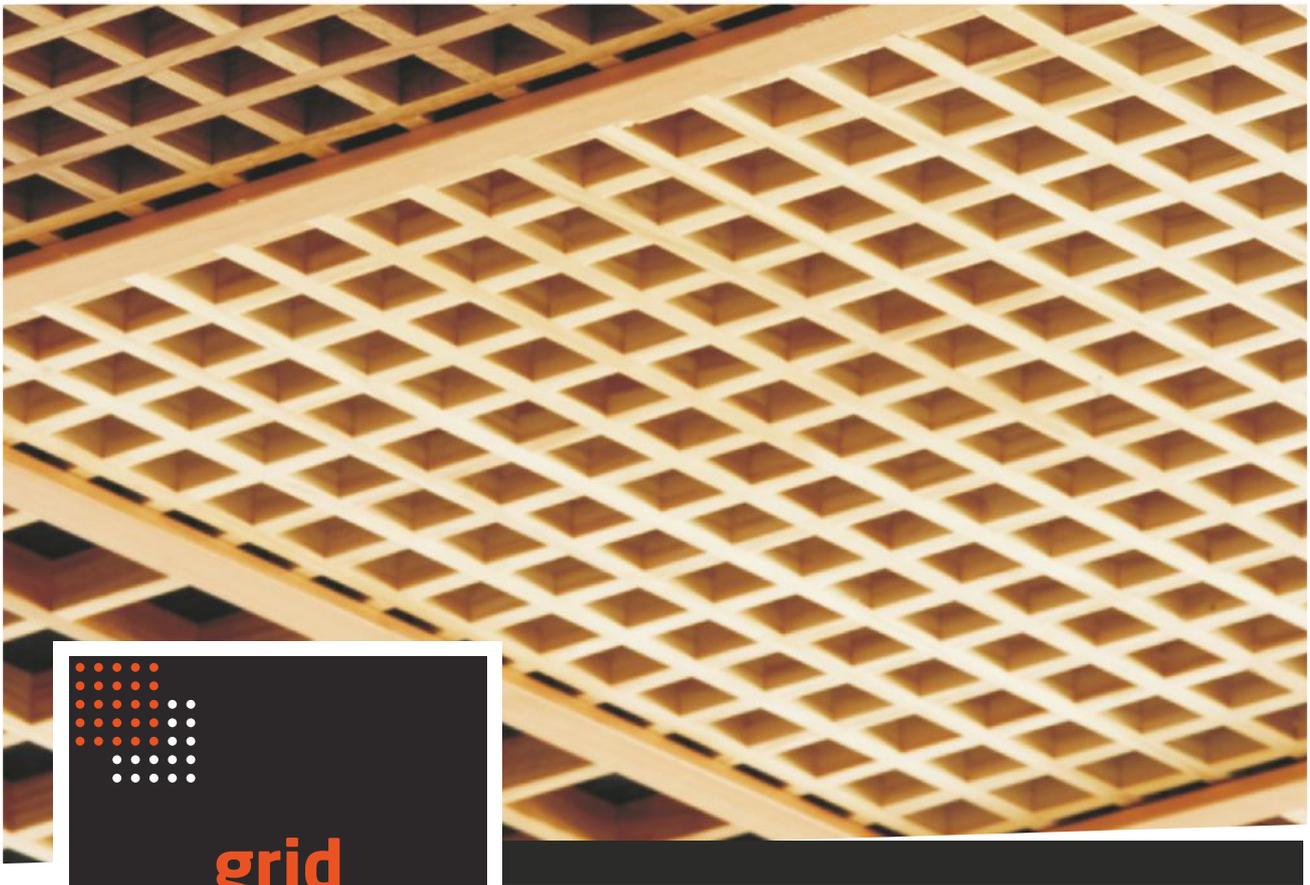
Tongue and groove



Double groove

Installation: fixing cleats for structures of battens or over metallic profiles. Access panels available with easy-handling

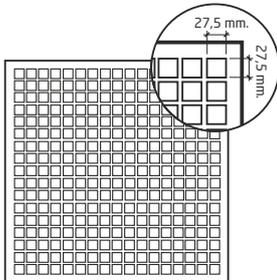




Hardwood grids for ceilings.

Hardwood grid structures are a classic of modern decoration. They amplify the space aesthetic look by allowing the slat to be seen and letting light travel throughout the area.

If an acoustic conditioning is needed, a black fleece or any absorptive substrate (as polyester fiber) will be required.



Grid 27

Available panel dimensions

600 x 600 x 19 mm
and 600 x 1200 x 19 mm.

Interior grid dimensions

27.5 x 27.5 mm.

600x600 distribution:

256 squares per piece.

600x1200 distribution:

512 squares per piece.

Available Panel Dimensions

1' 11-13/16" x 1' 11-13/16" x 3/4"
and 1' 11-13/16" x 3' 11-7/16" x 3/4"

Interior Grid Dimensions

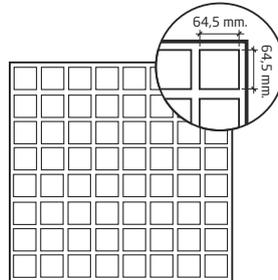
1-1/16" x 1-1/16"

1' 11-5/8" x 1' 11-5/8"

Distribution: 256 squares per piece.

1' 11-5/8" x 3' 11-7/16"

Distribution: 512 squares per piece.



Grid 64

Available Panel Dimensions

600 x 600 x 19 mm
and 600 x 1200 x 19 mm.

Interior Grid Dimensions

64.5 x 64.5 mm.

600x600 Distribution:

64 squares per piece.

600x1200 Distribution:

128 squares per piece.

Available Panel Dimensions

1' 11-13/16" x 1' 11-13/16" x 3/4"
and 1' 11-13/16" x 3' 11-7/16" x 3/4"

Interior Grid Dimensions

2-9/16" x 2-9/16"

1' 11-5/8" x 1' 11-5/8"

Distribution: 64 squares per piece.

1' 11-5/8" x 3' 11-7/16"

Distribution: 128 squares per piece.

Available Woods



Pine

Finishings

Colorless varnish, stained
o lacquer.

Optional

Black acoustic fleece in upper
face or polyester fiber.

Installation

Coated, laminated
or painted T-grid.
Tongue and groove system.

Fire-rated and non-fire rated

Possibility of applying a
fire-resistant varnish finish.

Hardwood. Building trends

Our **IDEAWOOD** panels are made with solid hard wood for decorative and acoustical purposes. This product is used for walls and ceilings, it provides a continuing look for any kind of space. It could be complemented with any acoustic conditioning material (rock wool, polyester fiber, etc.), depending on the technical requirements of the project. Additionally flexible options are available with the

Ideawood products, they can go on any curved surface. These slat, strip and grill-shaped structures are complemented with very quick and effective hanging and anchoring systems, allowing optimal and cost effective installations. **IDEAWOOD** is the "high-end" decoration solution for projects where wood must provide the best of its nature.



Quality and project success guaranteed



We stand behind and guarantee all products we sell, thanks to our technology and the continuous supervision carried out by a large team of professionals. We strive to provide the best quality in all of our products and services.

Every production process is guaranteed by the **ISO 9001** and **ISO 14001** standards (referred to quality and Environment, respectively).

IDEATEC has the **PEFC** and **FSC** certificates.

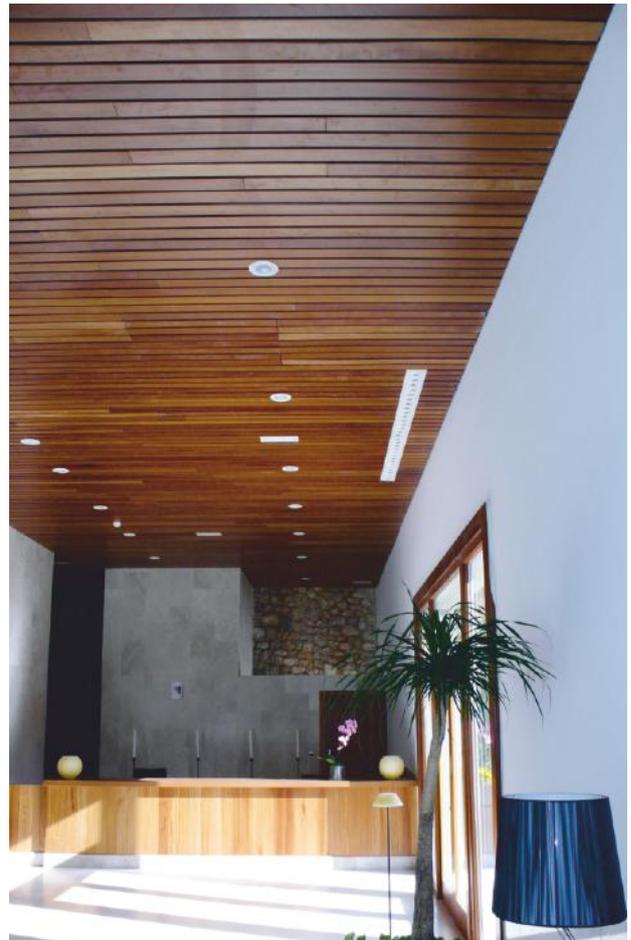
Wood may present differences and deviations with regard to colour, grain and structure which could not be considered as possible defects.

Ideatec products create better spaces

Benefits and applications:

- Ideatec Systems transform spaces into warm and elegant environments, by making them quiet enough and aesthetically pleasant.
- Our variety of product selections help designers, constructors and owners achieve any design in any particular space.
- Ceiling and wall solutions including wood and fabric products.

- Our sound-absorbing materials enhance acoustic performance in any environment.
- Flexible paneling system available for curved surfaces.
- For a continuous appearance we offer tongue and groove systems with integrated access panels.
- High performance anchoring and hanging systems for quick and effective installations
- Technical support avail



How does Ideatec products provide "sound-absorbing" value?

The combination of our perforated products and any sound absorbing material such as recycled polyester fiber or mineral wool insulation will give a high absorption coefficient to any space.

This makes it an ideal product for correcting sound intelligibility problems caused by echoes, focalizations, high reverberation times and any other effect which causes sound annoyances.

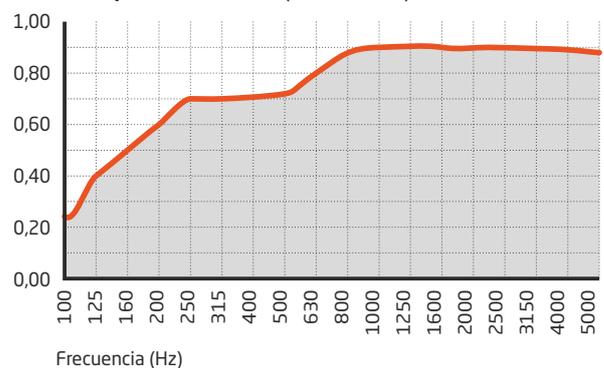
Average acoustic absorption coef. $\alpha_w = 0,80$



Noise reduction coefficient $NRC = 0,85$



Absorption coefficient (Mineral Fiber)



noise
under
control

Specialists in Acoustic Performance

For more than 20 years and 25 countries **IDEATEC** has been a world specialist in acoustic conditioning systems, using wood as their main element.

Thanks to the versatility and variety of our range of acoustic solutions, it is possible to achieve the perfect combination between aesthetic and technical needs. Acoustic engineers, architects, interior designers and building specialists appreciate and recognize the value and well performance of our products.

IDEATEC products are used in conference rooms, recording studios, shopping centers, education facilities, auditoriums, restaurants, hospitals, etc.



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