



PLADUR[®]

Spaces to imagine

FON+ Pladur[®]

Ceilings

**SHHH... LISTEN
THE BEAUTY OF SOUND**

corporativo.pladur.com

Model:
FON+ Crystal 14

Pladur® FON+

LET YOUR IMAGINATION FLY

A wide range of ceilings, to create unique spaces.

With Pladur® concealed and tee grid ceilings, different solutions to create inspiring, beautiful spaces.





Model:
FON® Verde II

LIVING SPACES THAT CARE FOR YOUR HEALTH

Improving the quality of the air you breathe

Thanks to our Pladur® AIR technology included in the manufacturing process, Pladur® FON® ceilings absorb up to 60% of environmental formaldehyde, trapping it permanently and turning it into an inert substance, thereby improving indoor air quality, purifying it and protecting people's health.



WITH EXCELLENT ACOUSTIC COMFORT

Ceiling design with high acoustic performance

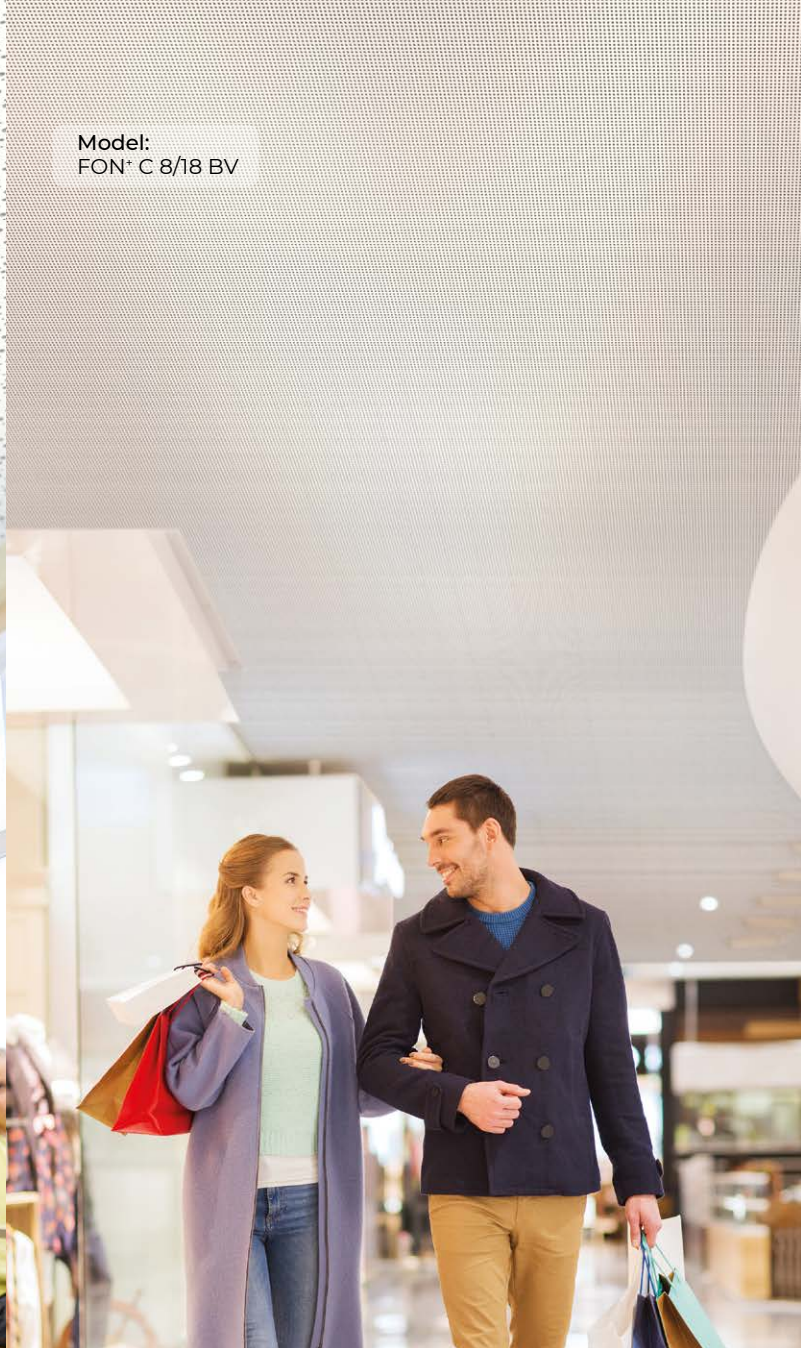
The excellent acoustic absorption provided by Pladur® FON® ceilings, achieves absorption coefficients of up to 0.9 (α_m), improving comfort in the room, reducing reverberation and optimising its clarity, making the spaces more pleasant.



Model:
FON+ R Aleat. 8-15-20 BV



Model:
FON+ C 8/18 BV



TO PROVIDE **QUALITY TIME**

We currently spend 80% of our time in closed spaces, which is why we create rooms that are comfortable and beneficial to people, through solutions such as Pladur® FON+, to produce systems that combine design, comfort and safety, perfect for use in:

- Hotels.
- Shops.
- Hospitals.
- Schools and offices.

DESIGN, WELL-BEING, SIMPLICITY



Excellent finish

A broad range of designs, in both concealed and tee grid ceilings, with over 200 models available. Adaptable to different styles to provide **spaces of great beauty and elegance.**



High acoustic absorption

Pladur® FON+ ceilings provide **high acoustic absorption** (up to $\alpha_m=0.9$) with high values in mid-range frequencies, in the same range of the human voice.



Improves indoor air quality

Improving air quality and absorbing up to 60% of environmental formaldehyde.

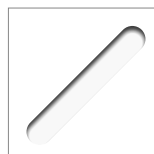


Easy maintenance and durability

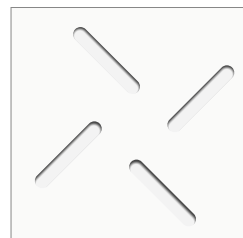
Stronger, longer-lasting ceilings thanks to their extra hard surface, which can be painted while maintaining their acoustic properties.

NEW DESIGNS

Based on a sober, elemental shape, this new perforation is at the heart of the new collection.



A balanced geometric figure whose interaction creates several patterns that produce compositions with movement but also coherence and order.



A graphic symbol that gives rise to three new models.

Crystal

A design evoking a rotating movement, such as snowflakes or precious stones, where nature endlessly repeats the same motif.



Tweed

A universe inspired by textiles, whose perforations are interwoven like a geometrically intricate fabric.



Verde

The most delicate combination, inspired by vegetation, involving a rhythmic composition that evokes dandelion leaves and the fragility of its pistils.



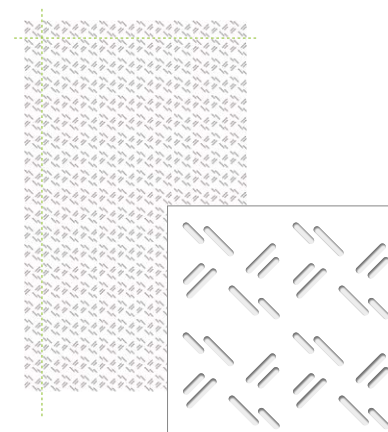
Easy to install

Modular boards:

The pattern permits cuts at 10 cm intervals, thus reducing waste and making it easier to match up the pattern.

Space for screwed attachments:

The new perforation provides more space for screwed attachments, making installation easier and safer, avoiding the possibility of breakage and the appearance of imperfections during the process.

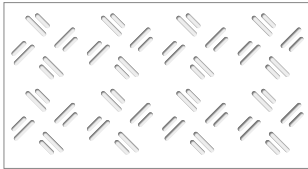


Model: Tweed 14

High acoustic insulation

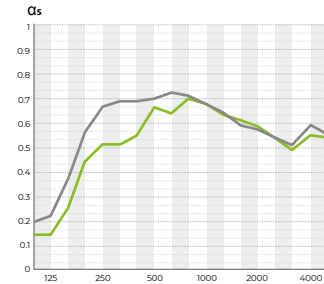
An aesthetic solution that also provides high acoustic absorption, favouring clarity, exchange and optimum listening conditions.

FON+ CRYSTAL 14 BV



Perforation: 14%
Class: C

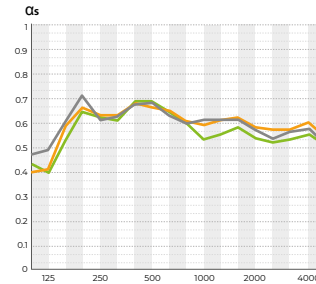
63 mm Plenum



■ Without wool
 $\alpha_w = 0,65$
 $\alpha_m = 0,62$

■ With 20 mm mineral wool
 $\alpha_w = 0,65$
 $\alpha_m = 0,65$

200 mm Plenum

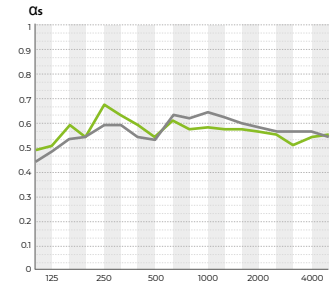


■ Without wool
 $\alpha_w = 0,60$
 $\alpha_m = 0,59$

■ With 60 mm mineral wool
 $\alpha_w = 0,60$
 $\alpha_m = 0,61$

■ With 20 mm mineral wool
 $\alpha_w = 0,62$
 $\alpha_m = 0,65$

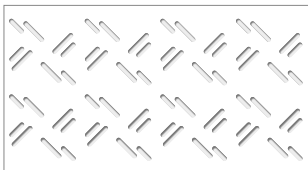
400 mm Plenum



■ Without wool
 $\alpha_w = 0,60$
 $\alpha_m = 0,57$

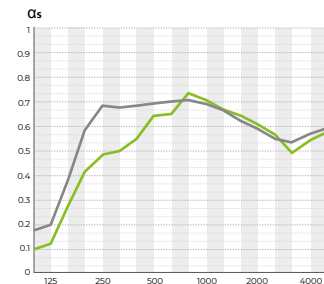
■ With 20 mm mineral wool
 $\alpha_w = 0,60$
 $\alpha_m = 0,59$

FON+ TWEED 14 BV



Perforation: 14%
Class: C

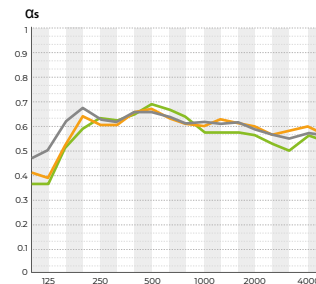
63 mm Plenum



■ Without wool
 $\alpha_w = 0,65$
 $\alpha_m = 0,64$

■ With 20 mm mineral wool
 $\alpha_w = 0,65$
 $\alpha_m = 0,65$

200 mm Plenum

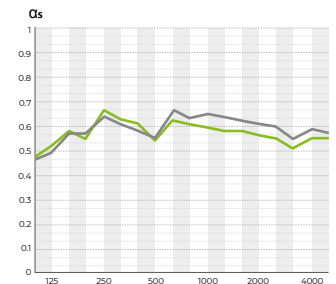


■ Without wool
 $\alpha_w = 0,60$
 $\alpha_m = 0,60$

■ With 60 mm mineral wool
 $\alpha_w = 0,65$
 $\alpha_m = 0,62$

■ With 20 mm mineral wool
 $\alpha_w = 0,62$
 $\alpha_m = 0,65$

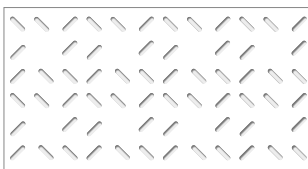
400 mm Plenum



■ Without wool
 $\alpha_w = 0,60$
 $\alpha_m = 0,58$

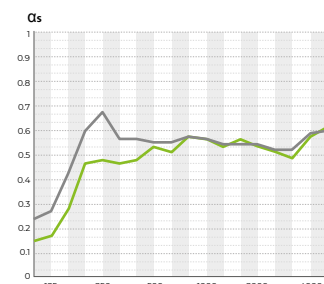
■ With 20 mm mineral wool
 $\alpha_w = 0,65$
 $\alpha_m = 0,62$

FON+ Verde 11 BV



Perforation: 11.4%
Class: C

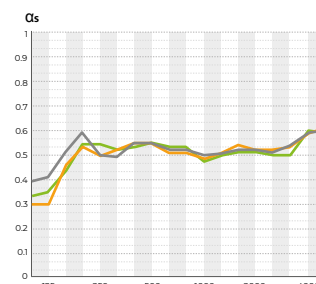
63 mm Plenum



■ Without wool
 $\alpha_w = 0,65$
 $\alpha_m = 0,64$

■ With 20 mm mineral wool
 $\alpha_w = 0,65$
 $\alpha_m = 0,65$

200 mm Plenum

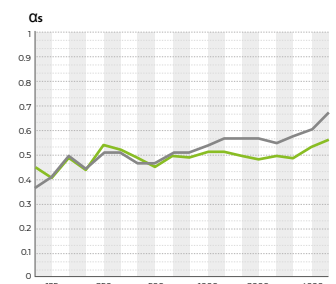


■ Without wool
 $\alpha_w = 0,60$
 $\alpha_m = 0,60$

■ With 60 mm mineral wool
 $\alpha_w = 0,65$
 $\alpha_m = 0,62$

■ With 20 mm mineral wool
 $\alpha_w = 0,52$
 $\alpha_m = 0,55$

400 mm Plenum



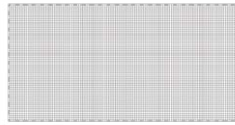
■ Without wool
 $\alpha_w = 0,60$
 $\alpha_m = 0,58$

■ With 20 mm mineral wool
 $\alpha_w = 0,65$
 $\alpha_m = 0,62$

PLADUR® BOARDS, FON+ CONCEALED CEILING

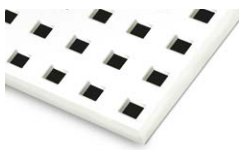
Surfaces with excellent acoustic absorption, design and smoothness; no visible joints means your design is free of interruptions.

CONTINUOUS PERFORATIONS - BV



'V'-shaped edge - BV
 Dimensions: 13 x 1200 x 2400 mm
 Reaction to fire: A2-s1, d0
 Vel: Black/White

Pladur® Board
FON+ C 8/18 BV



Percentage perforation: 18.30%
 $\alpha_w = 0.85$
 $\alpha_m = 0.82$
 Class: B

Pladur® Board
FON+ C 12/25 BV



Percentage perforation: 23.10%
 $\alpha_w = 0.90$
 $\alpha_m = 0.90$
 Class: A

Pladur® Board
FON+ R6/18 BV



Porcentaje de perforación: 8.10%
 $\alpha_w = 0.55$ L
 $\alpha_m = 0.58$
 Class: D

Pladur® Board
FON+ R8-12-50 BV



Percentage perforation: 14.30%
 $\alpha_w = 0.75$ L
 $\alpha_m = 0.75$
 Class: C

Pladur® Board
FON+ R8-15-20 BV



Percentage perforation: 18.20%
 $\alpha_w = 0.85$
 $\alpha_m = 0.82$
 Class: B

Pladur® Board
FON+ R8/18 BV



Percentage perforation: 19.70%
 $\alpha_w = 0.85$ L
 $\alpha_m = 0.83$
 Class: B

Placa Pladur®
FON+ R12-20-35 BV



Percentage perforation: 13.10%
 $\alpha_w = 0.55$ LM
 $\alpha_m = 0.70$
 Class: D

Pladur® Board
FON+ R12/25 BV



Percentage perforation: 10.20%
 $\alpha_w = 0.60$ L
 $\alpha_m = 0.60$
 Class: C

Pladur® Board
FON+ R15/30 BV



Percentage perforation: 9.80%
 $\alpha_w = 0.50$ L
 $\alpha_m = 0.53$
 Class: D

Pladur® Board
FON+ CRYSTAL 14 BV



NOVEDAD

Percentage perforation: 14%
 $\alpha_w = 0.60$ L
 $\alpha_m = 0.61$
 Class: C

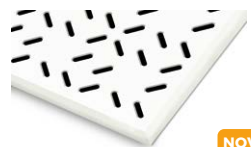
Pladur® Board
FON+ TWEED 14 BV



NOVEDAD

Percentage perforation: 14%
 $\alpha_w = 0.65$
 $\alpha_m = 0.62$
 Class: C

Pladur® Board
FON+ VERDE 11 BV



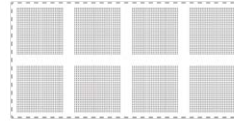
NOVEDAD

Percentage perforation: 11.4%
 $\alpha_w = 0.55$
 $\alpha_m = 0.52$
 Class: D

Tests based on a 200 mm plenum and 60-mm thick mineral wool.
 See the product technical cards or visit our website for more information and ceiling configurations.



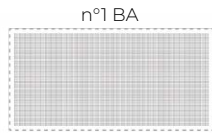
PERFORATIONS IN BLOCKS - BA



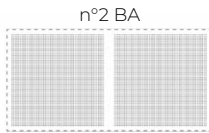
Tapered Edge - BA
 Dimensions: 13 x 1200 x 2400 mm
 Reaction to fire: A2-s1, d0
 Vel: Black/White

► Square (C)

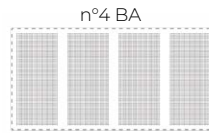
Pladur® Board FON* C8/18 BA



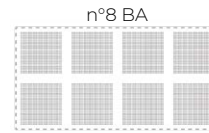
n°1 BA
 Percentage perforation: 14.30%
 $\alpha_w = 0.75$ L
 $\alpha_m = 0.75$
 Class: C



n°2 BA
 Percentage perforation: 15.00%
 $\alpha_w = 0.75$
 $\alpha_m = 0.72$
 Class: C



n°4 BA
 Percentage perforation: 13.50%
 $\alpha_w = 0.70$
 $\alpha_m = 0.67$
 Class: C

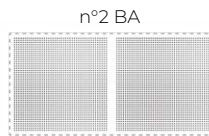


n°8 BA
 Percentage perforation: 12.10%
 $\alpha_w = 0.65$ L
 $\alpha_m = 0.65$
 Class: C

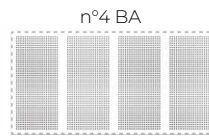
Pladur® Board FON* C12/25



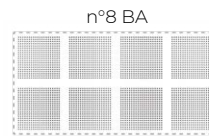
n°1 BA
 Percentage perforation: 20.30%
 $\alpha_w = 0.80$ L
 $\alpha_m = 0.82$
 Class: B



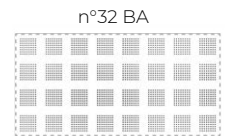
n°2 BA
 Percentage perforation: 19.40%
 $\alpha_w = 0.80$ L
 $\alpha_m = 0.82$
 Class: B



n°4 BA
 Percentage perforation: 17.60%
 $\alpha_w = 0.75$ L
 $\alpha_m = 0.77$
 Class: C



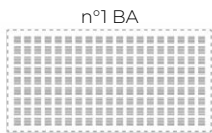
n°8 BA
 Percentage perforation: 16%
 $\alpha_w = 0.75$ L
 $\alpha_m = 0.75$
 Class: C



n°32 BA
 Percentage perforation: 10.30%
 $\alpha_w = 0.55$ L
 $\alpha_m = 0.57$
 Class: D

► Lengthways (L)

Pladur® Board FON* L5x80



n°1 BA
 Percentage perforation: 14.30%
 $\alpha_w = 0.65$ L
 $\alpha_m = 0.65$
 Class: C



n°2 BA
 Percentage perforation: 13.60%
 $\alpha_w = 0.60$ L
 $\alpha_m = 0.65$
 Class: C



n°4 BA
 Percentage perforation: 12.10%
 $\alpha_w = 0.55$ L
 $\alpha_m = 0.60$
 Class: D



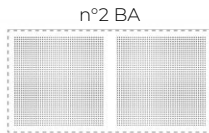
n°8 BA
 Percentage perforation: 10.70%
 $\alpha_w = 0.50$ L
 $\alpha_m = 0.55$
 Class: D

► Round (R)

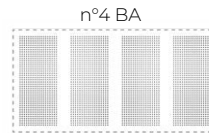
Pladur® Board FON* R12/25



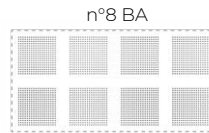
n°1 BA
 Percentage perforation: 14.90%
 $\alpha_w = 0.70$ L
 $\alpha_m = 0.73$
 Class: C



n°2 BA
 Percentage perforation: 13.90%
 $\alpha_w = 0.70$ L
 $\alpha_m = 0.70$
 Class: C

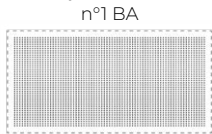


n°4 BA
 Percentage perforation: 11.90%
 $\alpha_w = 0.65$ L
 $\alpha_m = 0.65$
 Class: C

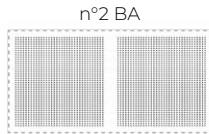


n°8 BA
 Percentage perforation: 10.20%
 $\alpha_w = 0.65$ L
 $\alpha_m = 0.57$
 Class: D

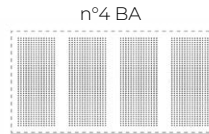
Pladur® Board FON* R15 /30



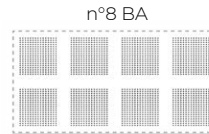
n°1 BA
 Percentage perforation: 14.30%
 $\alpha_w = 0.65$ L
 $\alpha_m = 0.65$
 Class: C



n°2 BA
 Percentage perforation: 13.60%
 $\alpha_w = 0.60$ L
 $\alpha_m = 0.65$
 Class: C



n°4 BA
 Percentage perforation: 12.10%
 $\alpha_w = 0.55$ L
 $\alpha_m = 0.60$
 Class: D



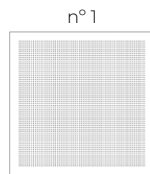
n°8 BA
 Percentage perforation: 10.70%
 $\alpha_w = 0.50$ L
 $\alpha_m = 0.55$
 Class: D

PLADUR® BOARDS, FON+ TEE GRID CEILING

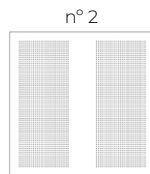
Tee grid ceilings with excellent acoustic absorption and a wide variety of designs, facilitating access to installations and making them easily adaptable to your project needs.

Various edges available
Dimensions: 13 x 600 x 600 mm
Reaction to fire: A2-s1, d0
Vel: Black/White

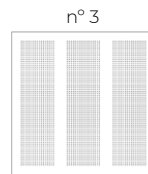
Pladur® Board FON+ C3/8 Micro



Percentage perforation: 10.20%
 $\alpha_w = 0.60$ LM
 $\alpha_m = 0.75$
Class: C

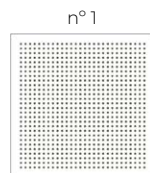


Percentage perforation: 8.70%
 $\alpha_w = 0.45$ LM
 $\alpha_m = 0.58$
Class: D

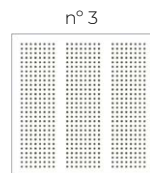


Percentage perforation: 7.30%
 $\alpha_w = 0.40$ LM
 $\alpha_m = 0.53$
Class: D

Pladur® Board FON+ C8/18

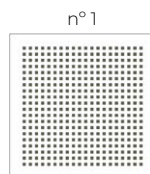


Percentage perforation: 14.30%
 $\alpha_w = 0.75$ L
 $\alpha_m = 0.75$
Class: C

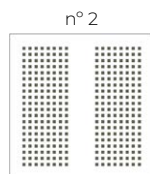


Percentage perforation: 12.20%
 $\alpha_w = 0.65$ L
 $\alpha_m = 0.70$
Class: C

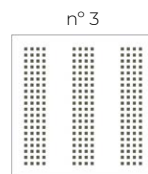
Pladur® Board FON+ C12/25



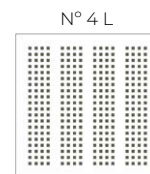
Percentage perforation: 16.49%
 $\alpha_w = 0.75$ L
 $\alpha_m = 0.75$
Class: C



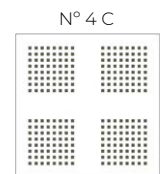
Percentage perforation: 13.10%
 $\alpha_w = 0.65$ L
 $\alpha_m = 0.67$
Class: C



Percentage perforation: 9.80%
 $\alpha_w = 0.55$ L
 $\alpha_m = 0.60$
Class: D

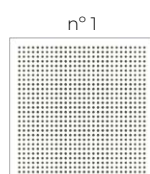


Percentage perforation: 13.10%
 $\alpha_w = 0.65$ L
 $\alpha_m = 0.65$
Class: C

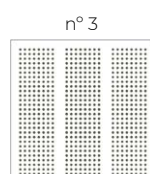


Percentage perforation: 10.50%
 $\alpha_w = 0.55$ L
 $\alpha_m = 0.57$
Class: D

Pladur® Board FON+ R 8/18

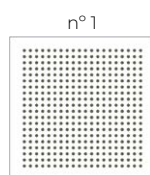


Percentage perforation: 11.20%
 $\alpha_w = 0.65$ L
 $\alpha_m = 0.68$
Class: D

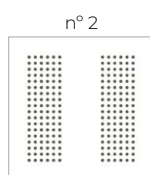


Percentage perforation: 9.60%
 $\alpha_w = 0.60$ L
 $\alpha_m = 0.62$
Class: D

Pladur® Board FON+ R 12/25

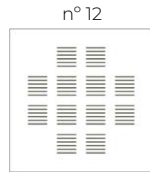


Percentage perforation: 10.40%
 $\alpha_w = 0.55$ L
 $\alpha_m = 0.58$
Class: D

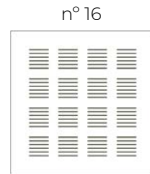


Percentage perforation: 6.90%
 $\alpha_w = 0.45$ L
 $\alpha_m = 0.57$
Class: D

Pladur® Board FON+ L 5x80

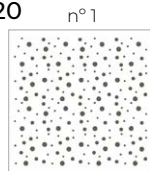


Percentage perforation: 8.20%
 $\alpha_w = 0.45$ L
 $\alpha_m = 0.55$
 Class: D

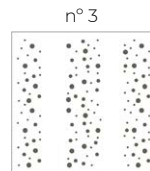


Percentage perforation: 10.90%
 $\alpha_w = 0.55$ L
 $\alpha_m = 0.60$
 Class: D

Pladur® Board FON+ R Aleat. 8-15-20

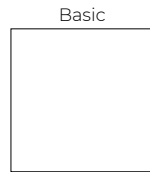


Percentage perforation: 8.10%
 $\alpha_w = 0.55$
 $\alpha_m = 0.53$
 Class: D



Percentage perforation: 6.90%
 $\alpha_w = 0.45$ L
 $\alpha_m = 0.53$
 Class: D

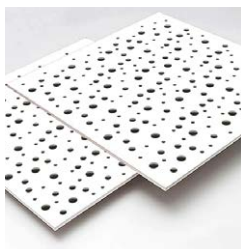
Pladur® Board FON+ Basic



Tests based on a 200 mm plenum and 60-mm thick mineral wool.
 See the product technical cards or visit our website for more information and ceiling configurations.



AVAILABLE IN DIFFERENT SURFACE FINISHES



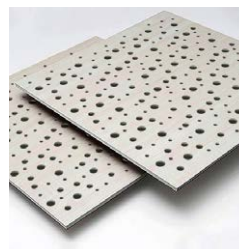
White⁽¹⁾



Chestnut⁽²⁾



Oak⁽²⁾

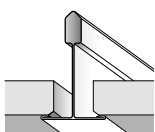


Birch⁽²⁾

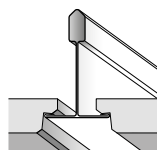


Steel⁽²⁾

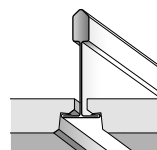
DIFFERENT TYPES OF EDGE



A A Straight Edge



E 24 Tegular Edge 24 mm



E 15 Tegular Edge 15 mm

(1) - White paint finish.
 (2) - Vinyl sheet in the indicated finish.

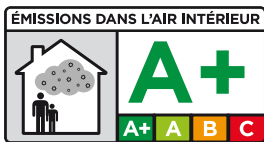
COMMITMENT TO THE ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

With the aim of creating efficient and environmentally responsible solutions, at Pladur® we design products that meet the highest quality standards and certifications.



DAP Certificate

We quantify and supervise the environmental impact of all our boards for Pladur® FON+ ceilings throughout their life cycles by **environmental product declaration (EPD)** certification.



Emissions seal

We control emission levels from our Pladur® FON+ boards obtaining the highest A+ classification, which guarantees minimum emission levels.



Improves indoor air quality

We contribute to making sustainable buildings, by creating efficient, environmentally friendly solutions that optimise resources and help reduce environmental impact.



Thanks to their high acoustic absorption, our Pladur® FON+ boards help improve acoustic conditioning, boosting productivity and well-being in indoor spaces.

Model:
FON* Tweed 14



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**Find all the information you
need for your project!**

(technical cards and product catalogue)



Central Offices and Factory in Valdemoro-Madrid.
Plasterboards, Profiles and Compounds.

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