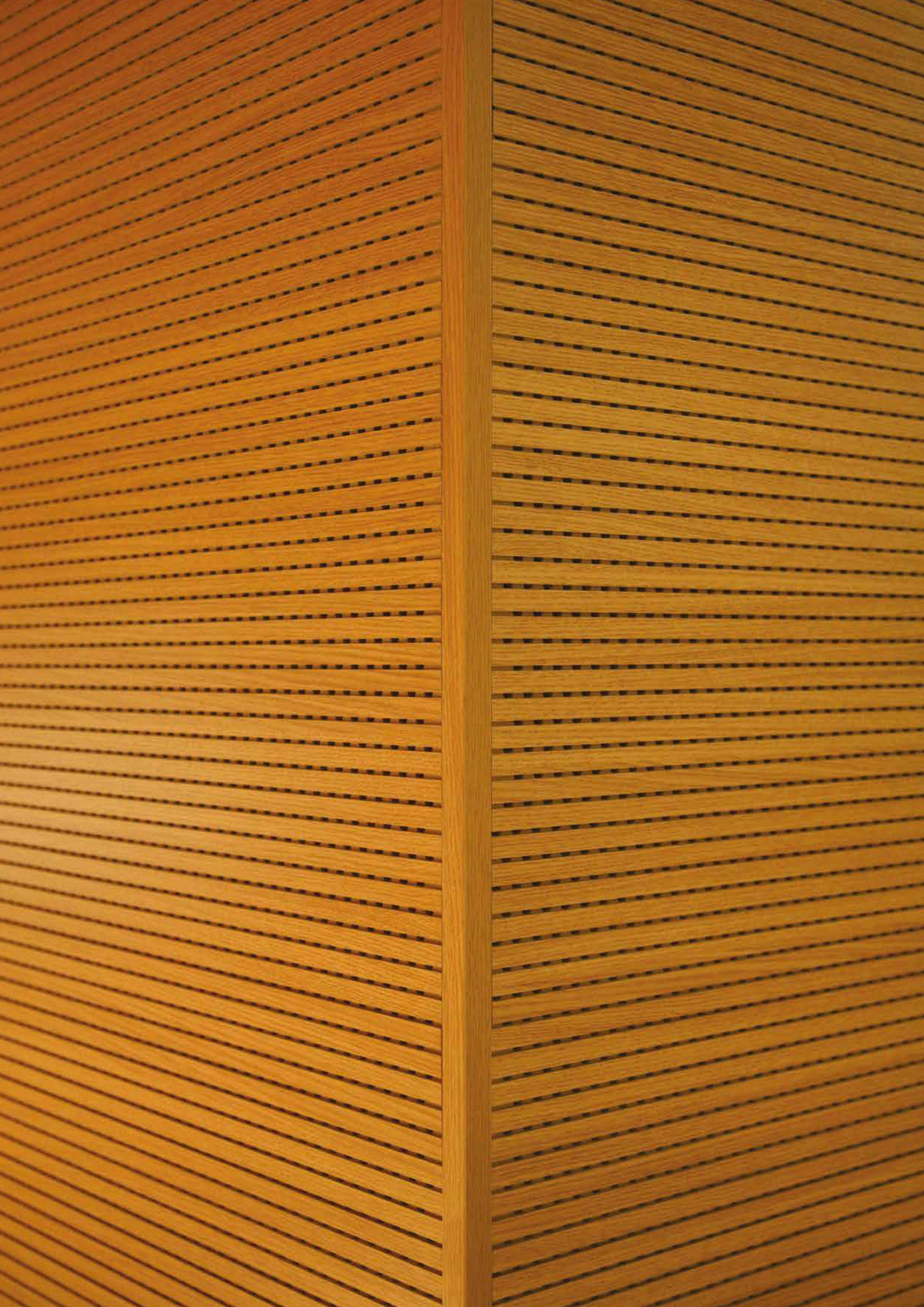
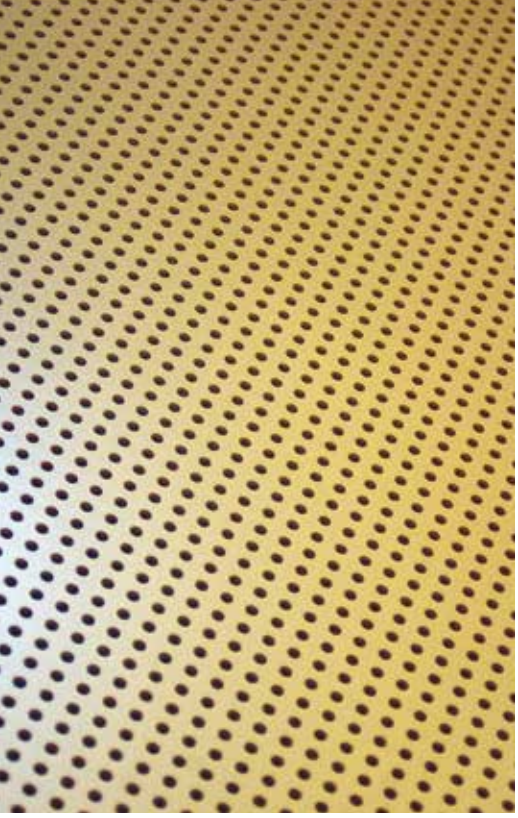
IN AKUSTIK

by

in ARREDO





Since its foundation in 2004 **in ARREDO**

IN AKUSTIK has pursued the goal of continuous improvement with investments in technologically advanced equipment and staff training to best meet customer requests; IN AKUSTIK wants to be the expression of this corporate philosophy which combines passion, competence and technology.

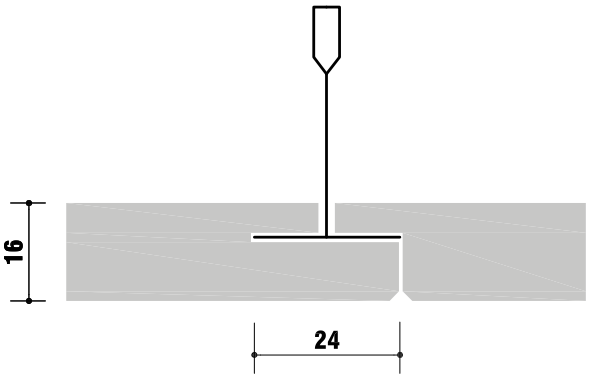
The range of IN AKUSTIK sound absorbing products is offered to all those who wish to improve environments from an acoustic and aesthetic point of view.

Our flexible and dynamic business allows us to offer a series of standard products to meet customer's specific needs with targeted solutions. Our range starts from five standard melamine finishes which are White, Aluminum Gray, Maple, Beech and Oak. For specific needs we can provide many variations of laminates, with various plated wood effect and lacquered finishes. At the base of all these products there is always an MDF panel from certified European industries: it can be fire retardant or non-flame retardant as needed, in accordance with all the health and safety requirements that current regulations impose.

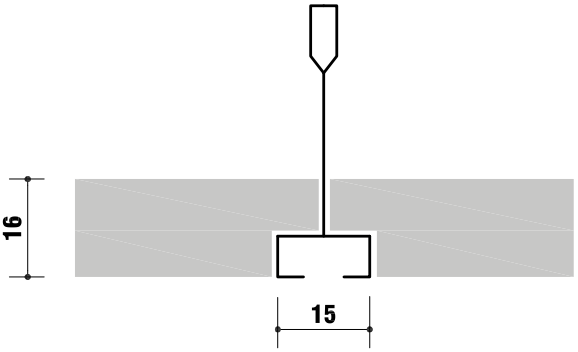
All the products in the catalog have been tested in the reverberation chamber and are therefore supplied with sound absorbing certifications. These certifications, product data sheets and materials are available on request in pdf format or in the specific technical brochure accompanying the catalog.

All the materials have approved EU marking. CE

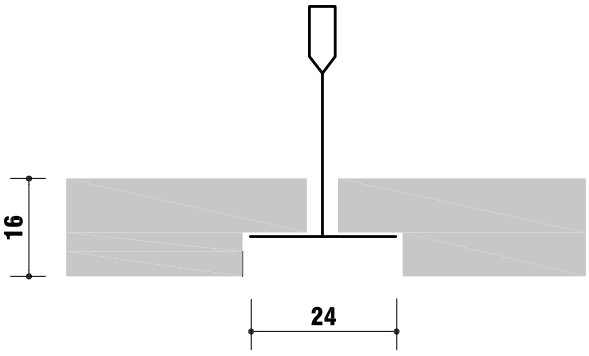
Types of Edge Profile for Ceiling Panels



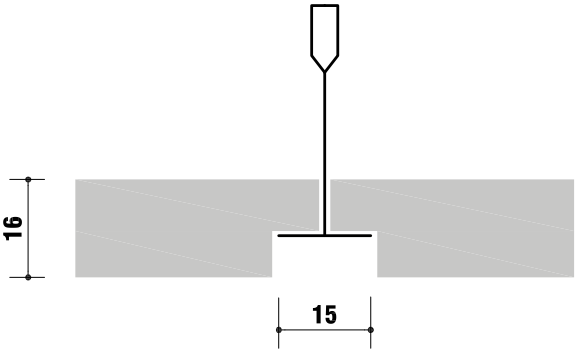
Hidden on T24



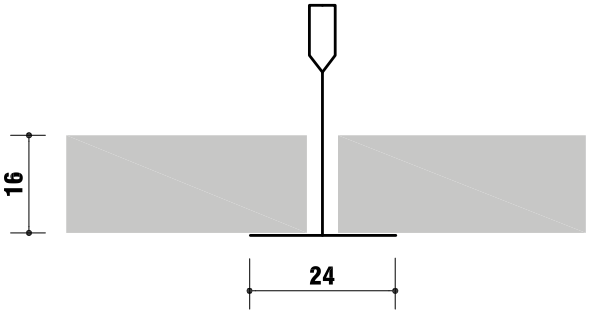
Edge with FINE LINE



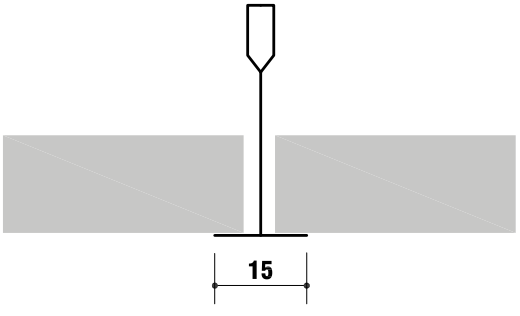
Lowered on T24



Lowered on T15



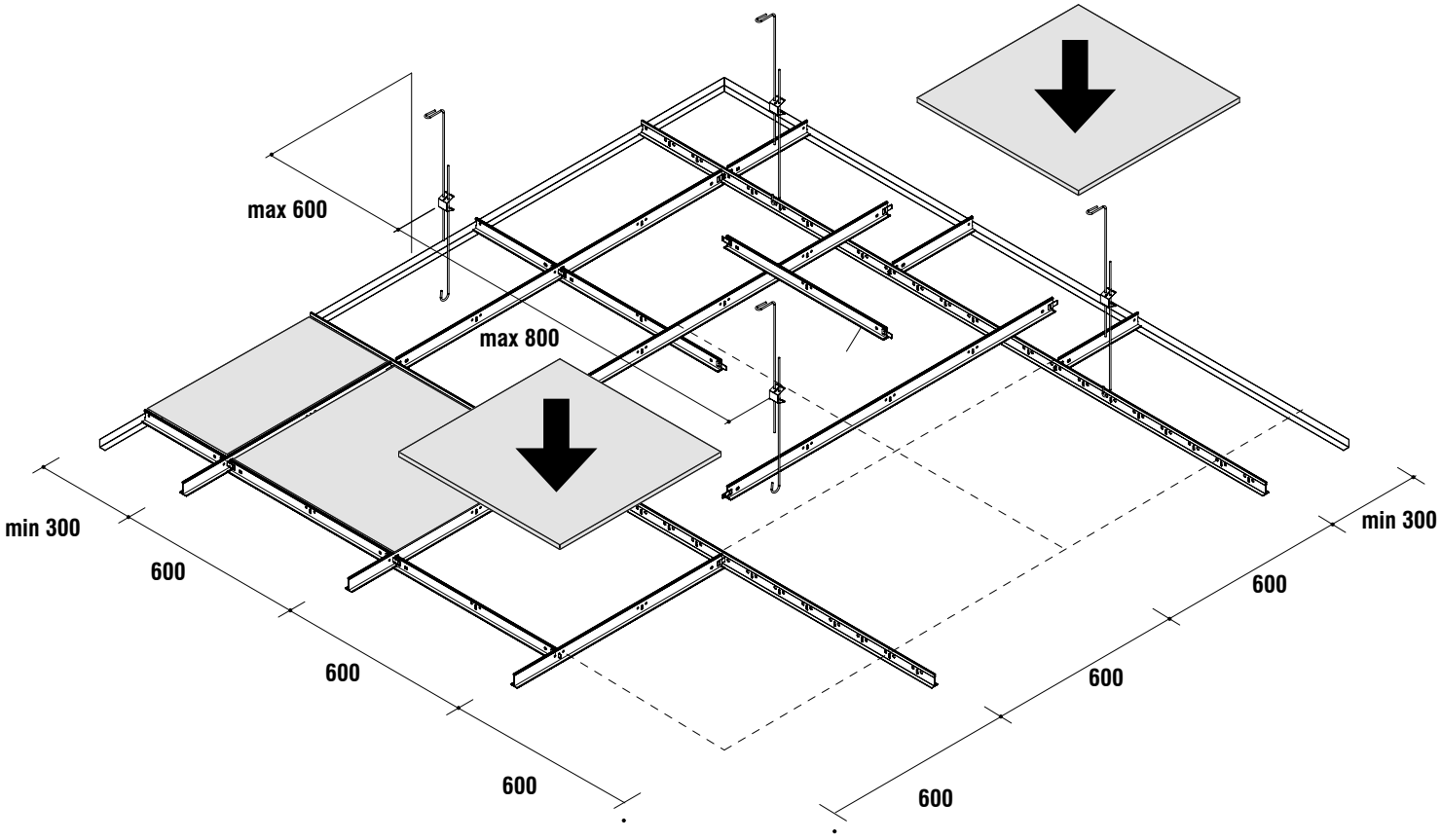
Resting on T24



Resting on T15

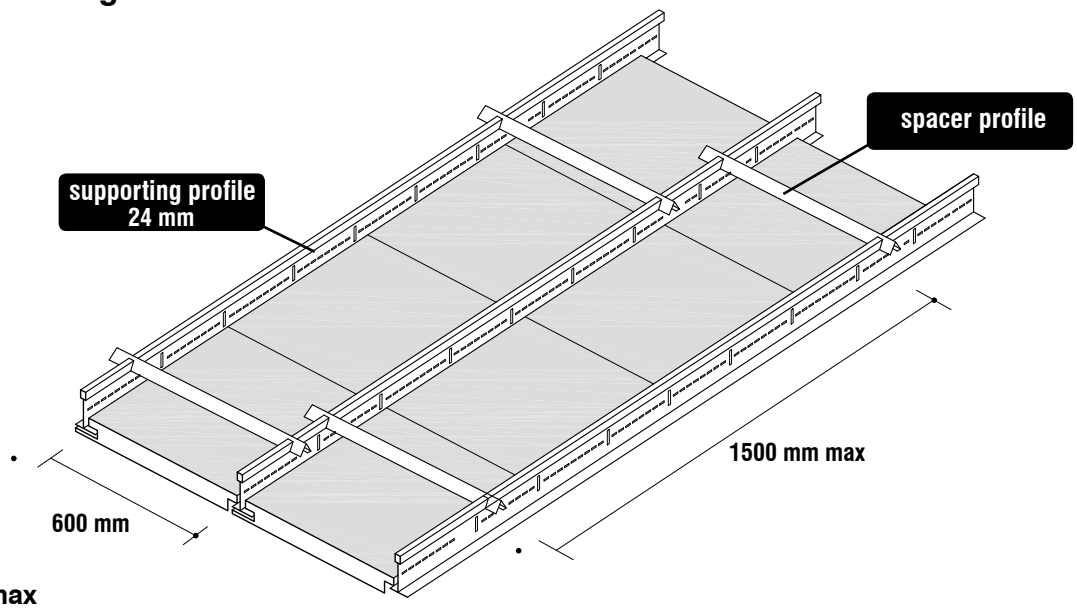
Diagram of typical fixing for ceiling panels.

Diagram of Typical Fixing Grid for:
Resting and lowered profiles on T24 and T15 and Edge with FINE LINE



- **Minimum depth below top fixing 100 mm (for ease of dismantling 120 mm)**

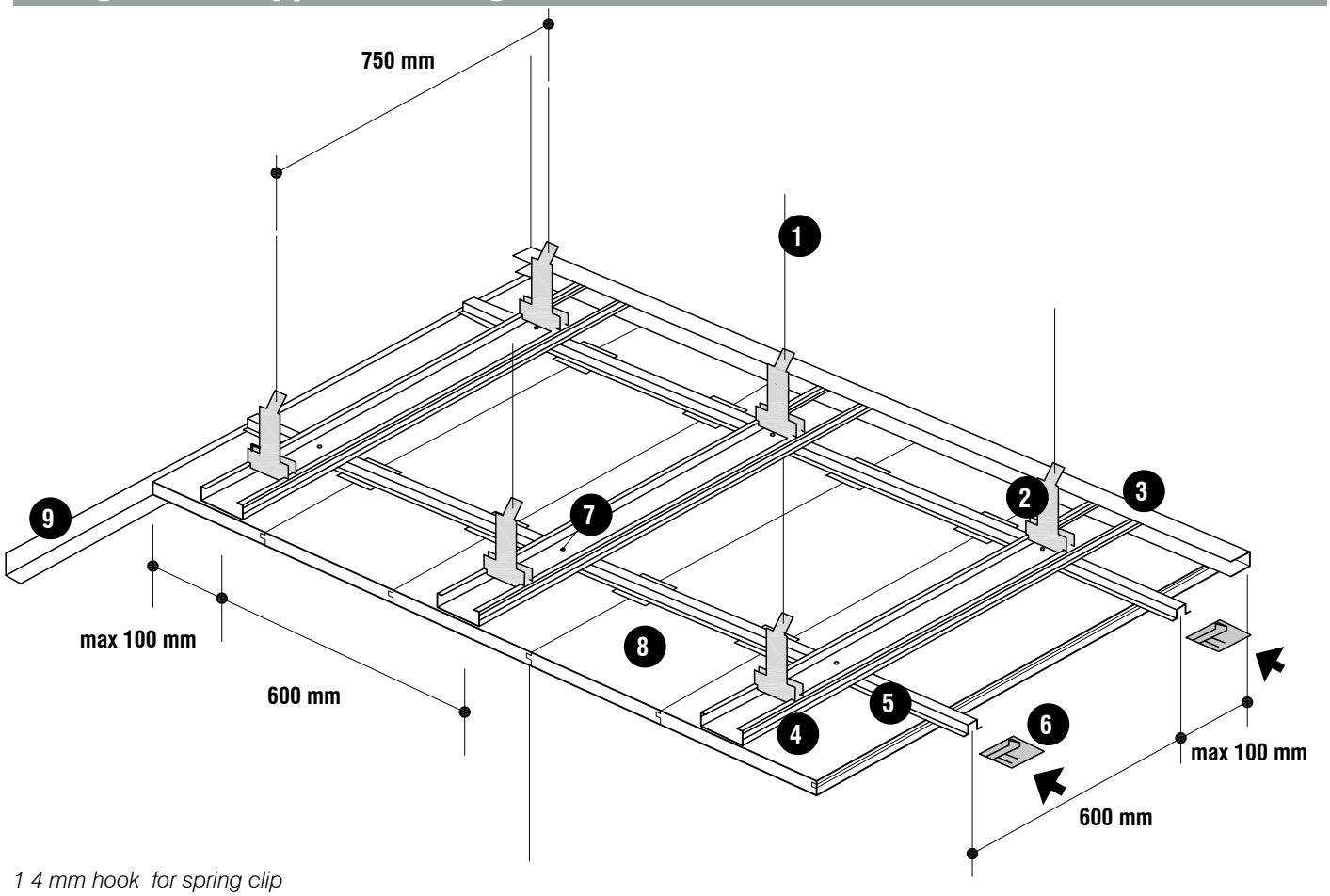
Diagram of Typical Fixing Grid for:
Hidden on T24



- **Hooks at 800 mm max**

IN ARREDO srl is in no way responsible for assembly and storage on site.

Diagram of Typical Fixing Grid for slats



1 4 mm hook for spring clip
2 Spring clip for "C" profiles 50x27 mm or 50x15 mm
3 Guide profile "U" 27x30 mm or 30x15 mm
4 "C" profile 50x27 mm o 50x15 mm
5 Omega profile 24x13 mm
6 Plate for fixing slats to omega profile
7 Screws for fixing omega profile to "C" profile
8 Slats
9 Perimeter finishing profile of choice
N.B. it is recommended to fix the plates to the omega profile with self-tapping screws

INSTALLATION INSTRUCTIONS FOR CEILING SLATS

Mount the "U" metal profile (3) at the desired height using screws and plugs which are suitable for the type of masonry, mount the "C" profiles (4) using the ceiling hooks (1) with the adjustable spring clips (2) perfectly leveled and positioned according to the drawing. Fasten the omega profiles (5) perpendicular to the "C" profiles (4) with appropriate fixing screws as shown in the drawing. Mount the perimeter finishing profile (9) using screws and plugs suitable for the type of masonry leaving a space of 18mm between the perimeter profile and the omega profile (5). Lay the first slat (8) resting on the perimeter profile with the female side facing the wall, insert the fixing plate (6) on the omega profile and slide it until it is inserted in the groove on the male side of the slat. Insert the second slat into the first and proceed in the same way. After every four slats it is advisable to lock the fixing plate (6) to the omega profile by inserting a suitable screw through the hole in the plate.

IMPORTANT

The male to female assembly of the slats must be performed dry without the use of adhesives!
For the head-to-head joining of the slats, the special tenon provided must be used. It is to be inserted in the female groove on both heads of the slat itself, using vinyl wood glue on both sides.
For large rooms, it is advisable to provide expansion joints to allow the expansion of the slats themselves, which must be calculated in the order of +/- 1.5 mm per meter.
The total length and width of the slats installed in a room must therefore be proportionately less than the room dimensions to allow such expansion of the slats (approximately +/- 1.5 mm per meter).

All the aforementioned material for the fixing of the slats is not included in the supply of the slats themselves, but can be supplied separately at the express request of the customer.

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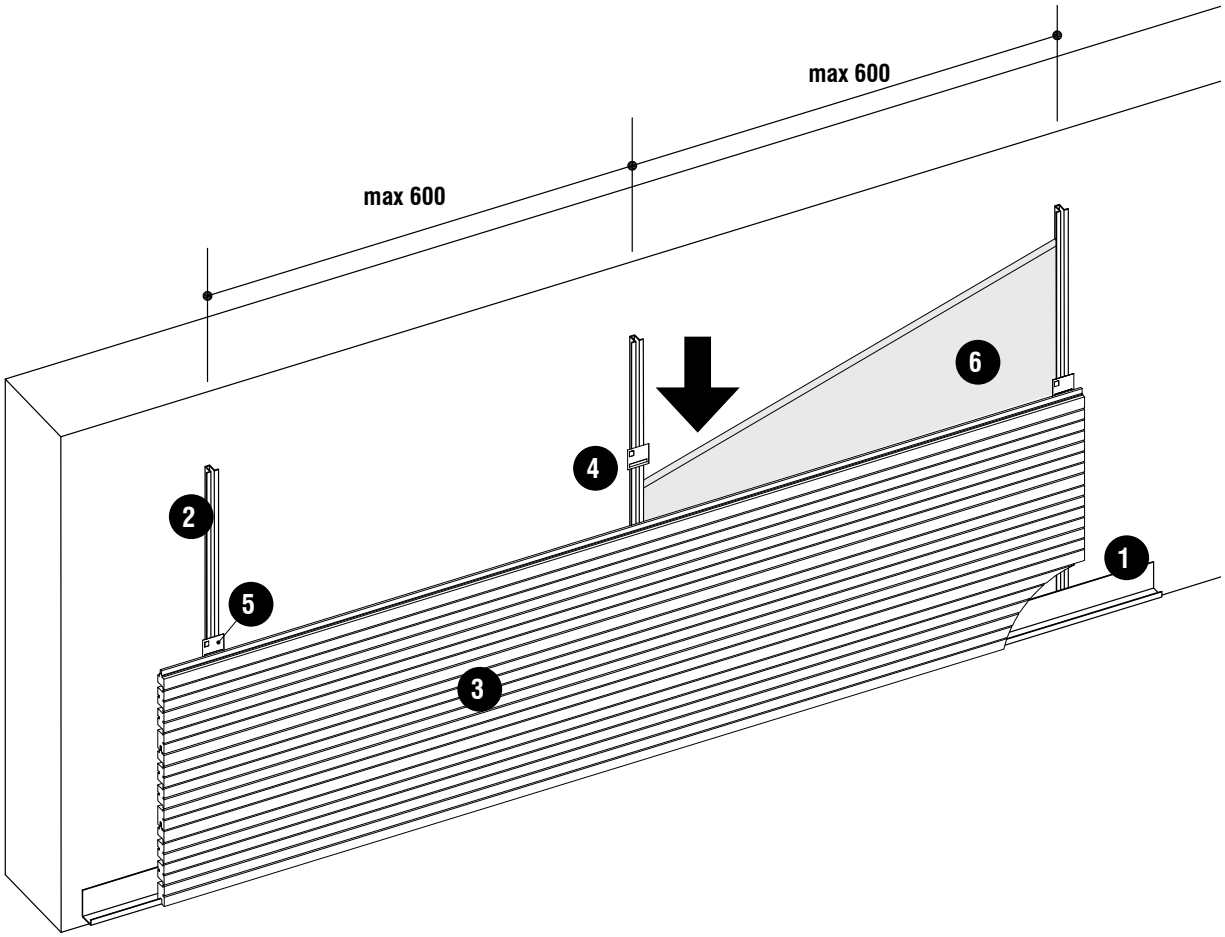
Diagram for fixing wall slats



1 "L" profile fixed to the wall
2 Omega profile 26x13 mm
3 Slats
4 Plate for fixing slats to the omega profile
5 Screw for fixing plates
6 Sound absorbing matteress where required
***N.B. it is recommended that self tapping screws are used for attaching the fixing plate to the omega** profile*

INSTALLATION INSTRUCTIONS FOR THE WALL SLATS

Fix the "L" profile (1) parallel to the floor at the desired height using screws and plugs suitable for the type of masonry. Mount the omega profiles (2) perpendicular to the "L" profile, spaced 600 mm apart from each other as shown in the drawing, using screws and plugs suitable for the type of masonry. Place the first slat (3) by inserting the
female side of the plank into the "L" profile and then insert the fixing plate (4) onto the omega profile and slide it until it is inserted in the groove on the male side of the slat. Mount the next slat on the first one and proceed in the same way. After every four slats it is advisable to lock the fixing plate to the omega profile by inserting a
suitable screw (5) through the hole in the plate.
If vertical alignment of the slats is desired, lay the first slat against one side wall with the female side facing the wall, perfectly vertically and proceed as above. It is good practice, whether the slats are laid horizontally or vertically, that they are not placed in direct contact with the floor but are kept slightly raised to prevent them from
absorbing water or humidity from the floor.

IMPORTANT

The male to female assembly of the slats must be performed dry without the use of adhesives!
For the head-to-head joining of the slats, the special tenon provided must be used. It is to be inserted in the female groove on both heads of the slat itself, using vinyl wood glue on both sides.
For large rooms, it is advisable to provide expansion joints to allow the expansion of the slats themselves, which must be calculated in the order of +/- 1.5 mm per meter. The total length and width of the slats installed in a room must therefore be proportionately less than the room dimensions to allow such expansion of the slats
(approximately +/- 1.5 mm per meter).

All the aforementioned material for the fixing of the slats is not included in the supply of the slats themselves, but can be supplied separately at the express request of the customer.

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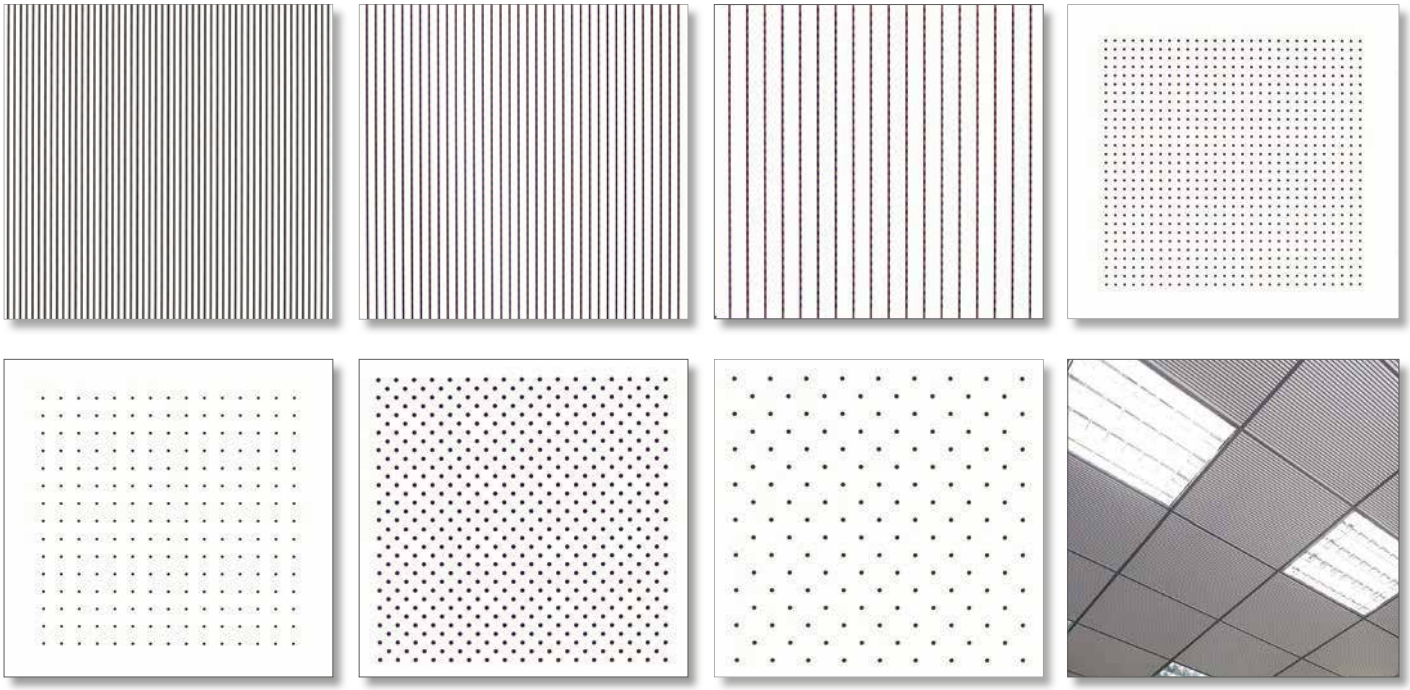
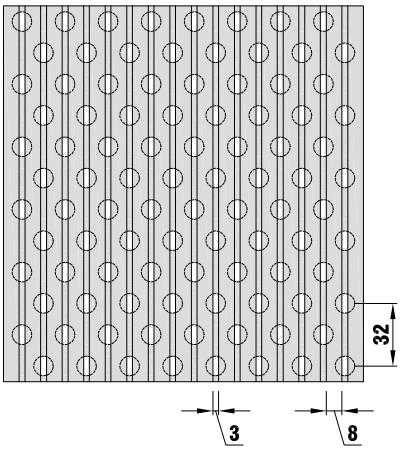
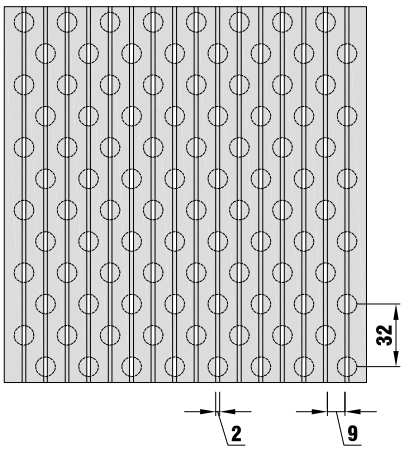
Types of Ceiling panels





In Akustik 8/3 FP32
600 x 600 / 600 x1200 – all profiles

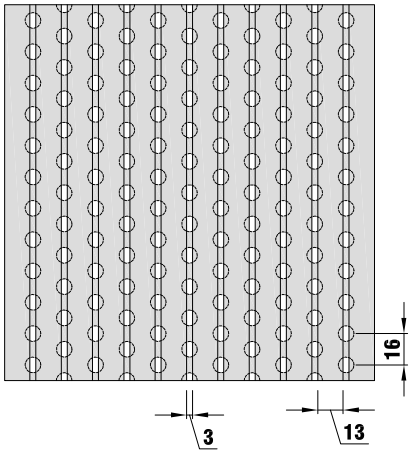
Milling 8/3
Hole diameter 10 mm
Hole centres spacing 32 mm
Area perforated 8.35%
Thickness 16 mm



In Akustik 9/2 FP32
600 x 600 / 600 x1200 – all profiles

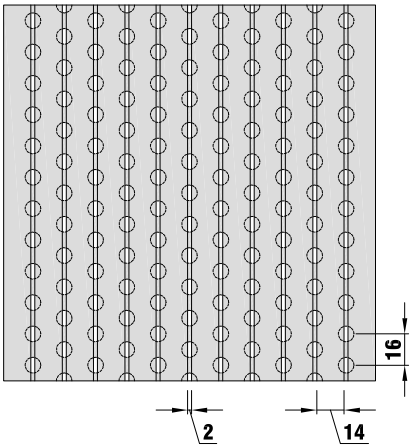
Milling 9/2
Hole diameter 10 mm
Hole centres spacing 32 mm
Area perforated 5.57%
Thickness 16 mm

Types of Ceiling panels



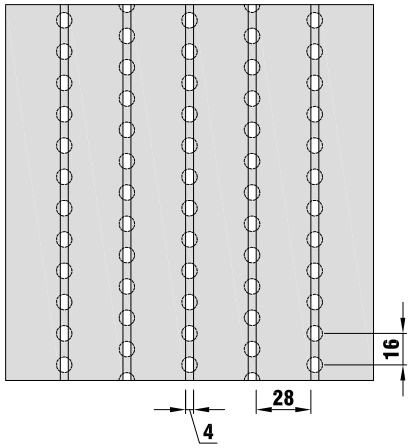
In Akustik 13/3 FP16
600 x 600 / 600 x1200 – all profiles

Milling 13/3
Hole diameter 8 mm
Hole centres spacing 16 mm
Area perforated 9.14%
Thickness 16 mm



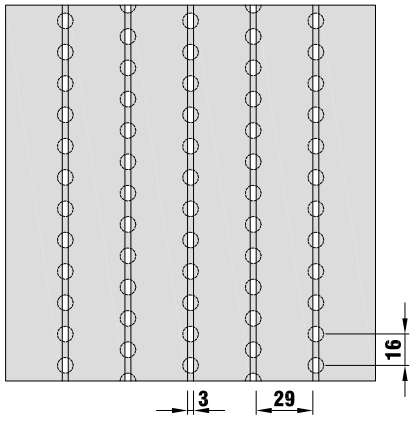
In Akustik 14/2 FP16
600 x 600 / 600 x1200 – all profiles

Milling 14/2
Hole diameter 8 mm
Hole centres spacing 16 mm
Area perforated 6.09%
Thickness 16 mm



In Akustik 28/4 FP16
600 x 600 / 600 x1200 – all profiles

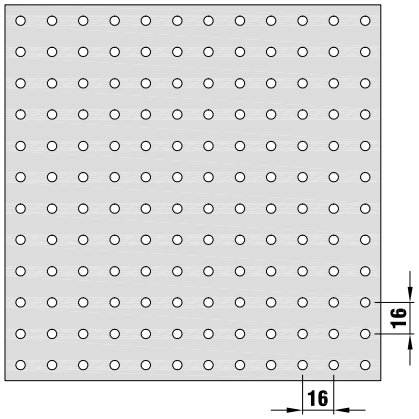
Milling 28/4
Hole diameter 8 mm
Hole centres spacing 16 mm
Area perforated 6.09%
Thickness 16 mm



In Akustik 29/3 FP16
600 x 600 / 600 x1200 – all profiles

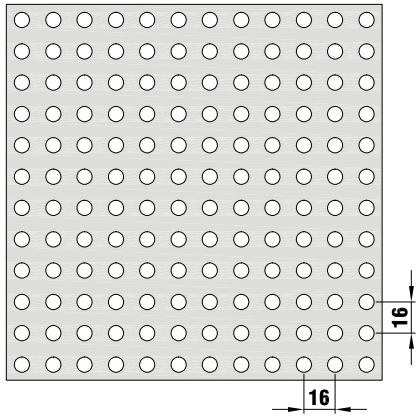
Milling 29/3
Hole diameter 8 mm
Hole centres spacing 16 mm
Area perforated 4.57%
Thickness 16 mm

Types of Ceiling panels



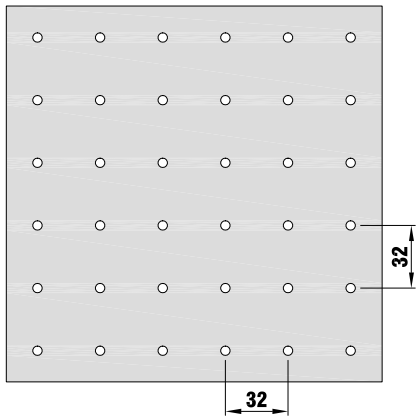
In Akustik FR P16 diameter 5
600 x 600 / 600 x1200 – all profiles

Diameter of visible hole 5 mm
Diametro of hole on rear 10 mm
Hole centre spacing 16 mm parallel
Area perforated 4.68%
Thickness 16 mm



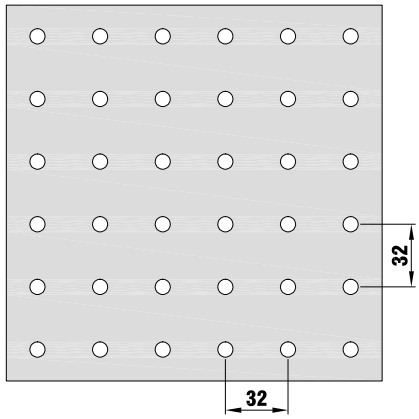
In Akustik FR P16 diameter 8
600 x 600 / 600 x1200 – all profiles

Diameter of visible hole 8 mm
Diametro of hole on rear 10 mm
Hole centre spacing 16 mm parallel
Area perforated 11.98%
Thickness 16 mm



In Akustik FR P32 diameter 5
600 x 600 / 600 x1200 – all profiles

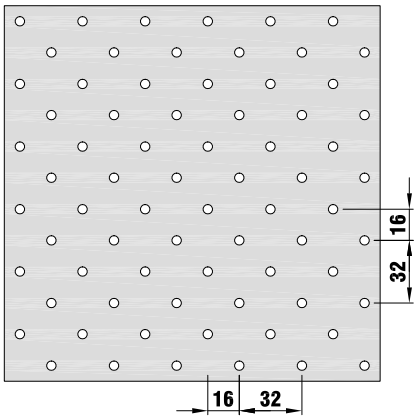
Diameter of visible hole 5 mm
Diametro of hole on rear 10 mm
Hole centre spacing 32 mm parallel
Area perforated 1.25%
Thickness 16 mm



In Akustik FR P32 diameter 8
600 x 600 / 600 x1200 – all profiles

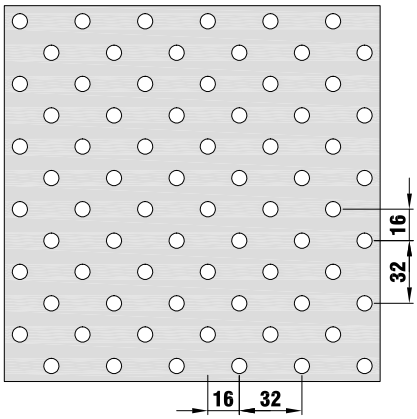
Diameter of visible hole 8 mm
Diametro of hole on rear 10 mm
Hole centre spacing 32 mm parallel
Area perforated 3.21%
Thickness 16 mm

Types of Ceiling panels



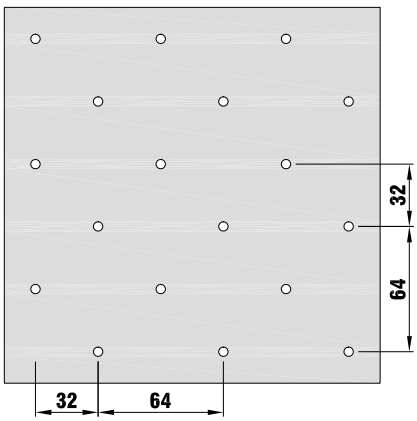
In Akustik FD P32/16 diameter 5
600 x 600 / 600 x1200 – all profiles

Diameter of visible hole 5 mm
Diametro of hole on rear 10 mm
Hole centre spacing 32 mm horizontal
Hole centre spacing 16 mm vertical
Area perforated 3.03%
Thickness 16 mm



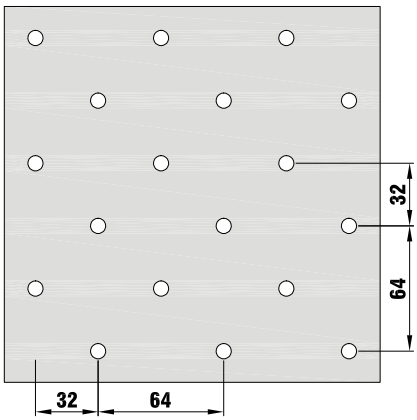
In Akustik FD P32/16 diameter 8
600 x 600 / 600 x1200 – all profiles

Diameter of visible hole 8 mm
Diametro of hole on rear 10 mm
Hole centre spacing 32 mm horizontal
Hole centre spacing 16 mm vertical
Area perforated 7.76%
Thickness 16 mm



In Akustik FD P64/32 diameter 5
600 x 600 / 600 x1200 – all profiles

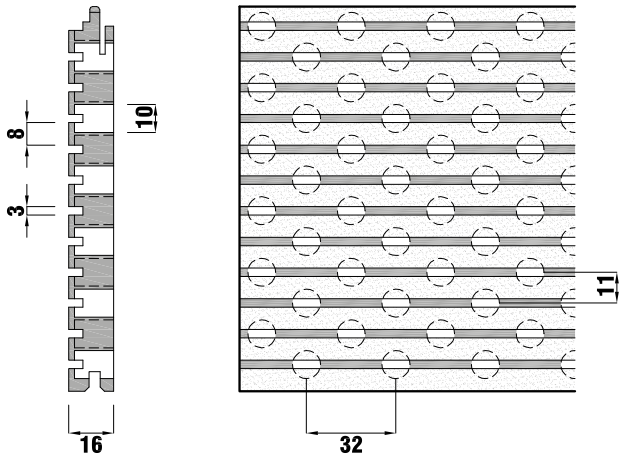
Diameter of visible hole 5 mm
Diametro of hole on rear 10 mm
Hole centre spacing 64 mm horizontal
Hole centre spacing 32 mm vertical
Area perforated 0.81%
Thickness 16 mm



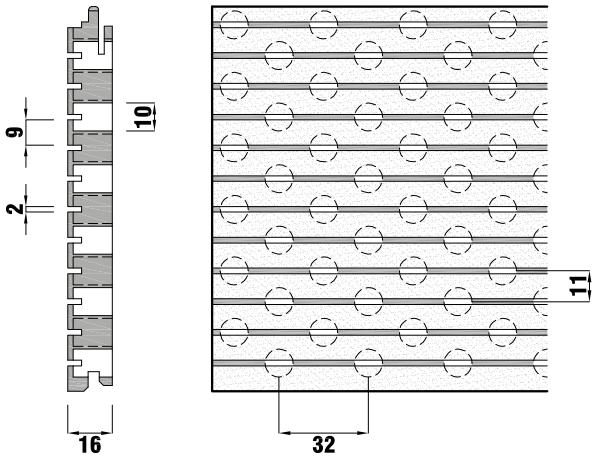
In Akustik FD P64/32 diameter 8
600 x 600 / 600 x1200 – all profiles

Diameter of visible hole 8 mm
Diametro of hole on rear 10 mm
Hole centre spacing 64 mm horizontal
Hole centre spacing 32 mm vertical
Area perforated 2.07%
Thickness 16 mm

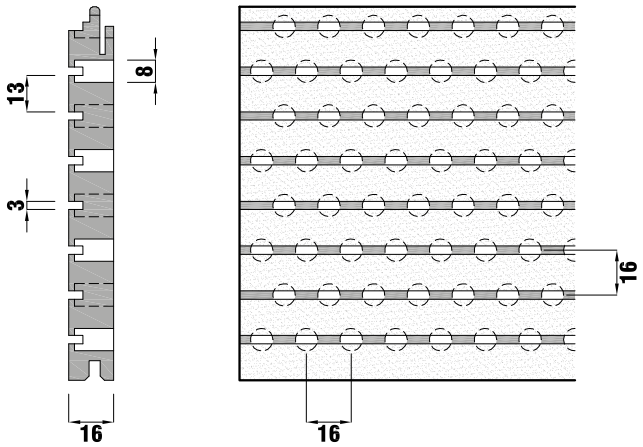
Types of Slat – standard In Akustik size: 3600mm x 128mm



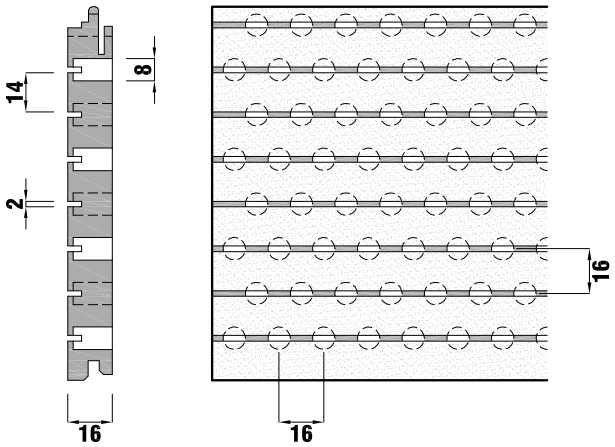
In Akustik 8/3 FP32
perforated 8.35%



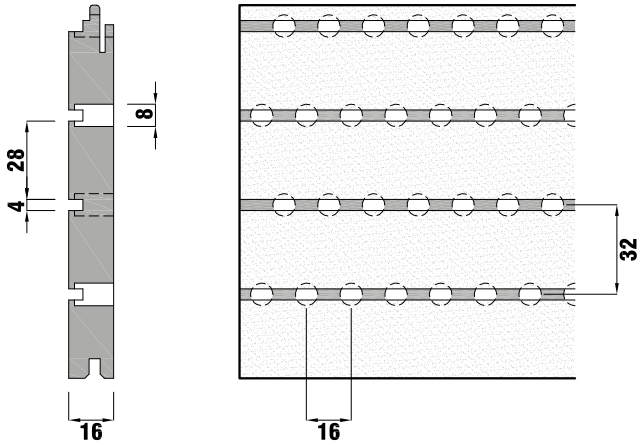
In Akustik 9/2
FP32 perforated 5.57%



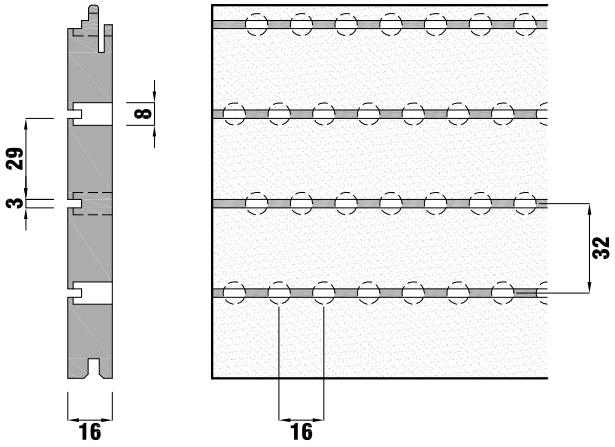
In Akustik 13/3 FP16
perforated 9.14%



In Akustik 14/2 FP16
perforated 6.09%

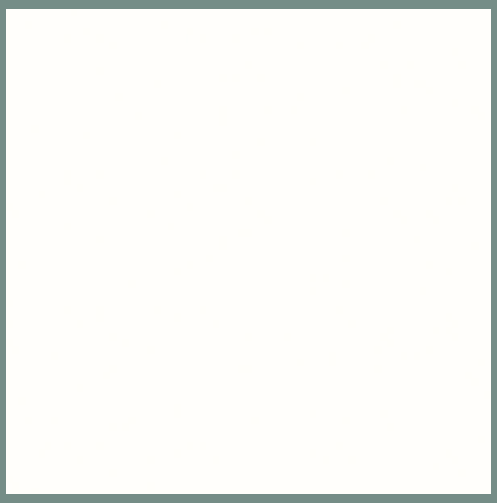


In Akustik 28/4 FP16
perforated 6.09%



In Akustik 29/3 FP16
perforated 4.57%

Standard Finishes



White

Aluminum Gray

Oak

Maple

Beech

IMPORTANT

Batches of materials may have slight differences in the tone of the surface finish of the panels or slats. It is therefore recommended that any spare materials are ordered at the same time in case future replacement is envisaged.

1 2 3

1,2,3 Courtesy of A&T Multimedia

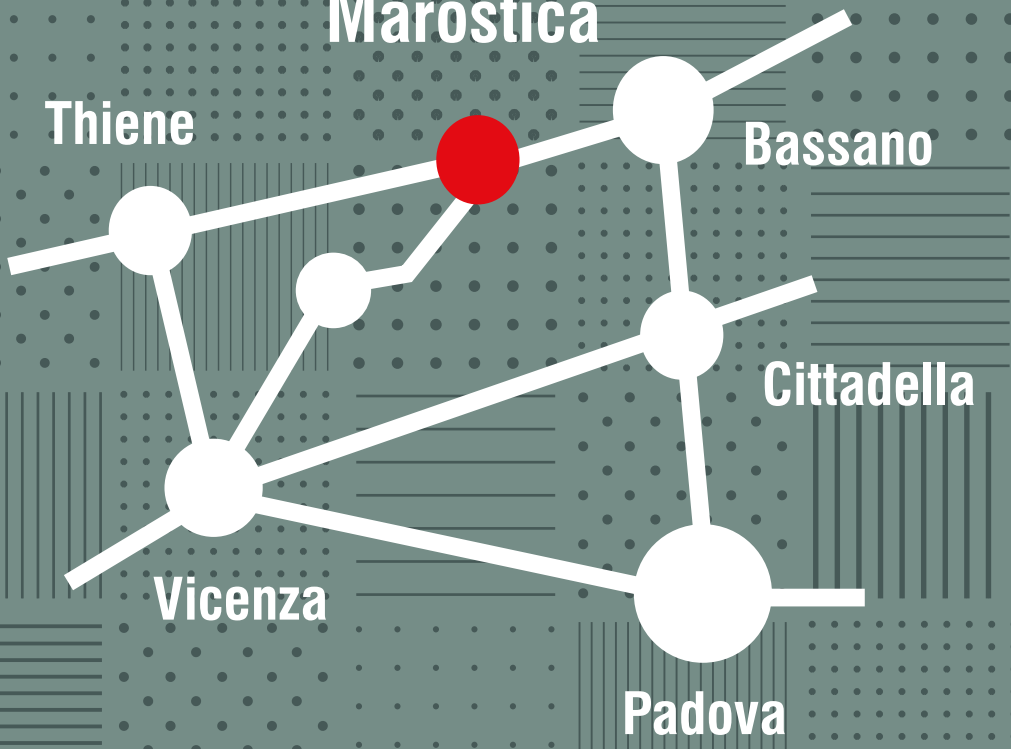
1 2
3 5 4

1,2,3 Office furniture
4,5 courtesy of architect
Matteo Fontana

1 3
2 4

1 Courtesy of Vicenza University Nuovo Polo
2,3 Courtesy of Best Western Plus Net Tower Hotel Padua
4 Courtesy of Italiana Contract

in ARREDO
Marostica



in ARREDO

IN_ARREDO srl
Home. Office . Shop
in Via San Gaetano 14 36063
Marostica VI Italy
tel +39 0424 72440 and fax
+39 0424 475293
email info@inarredosrl.com
www.inarredosrl.com