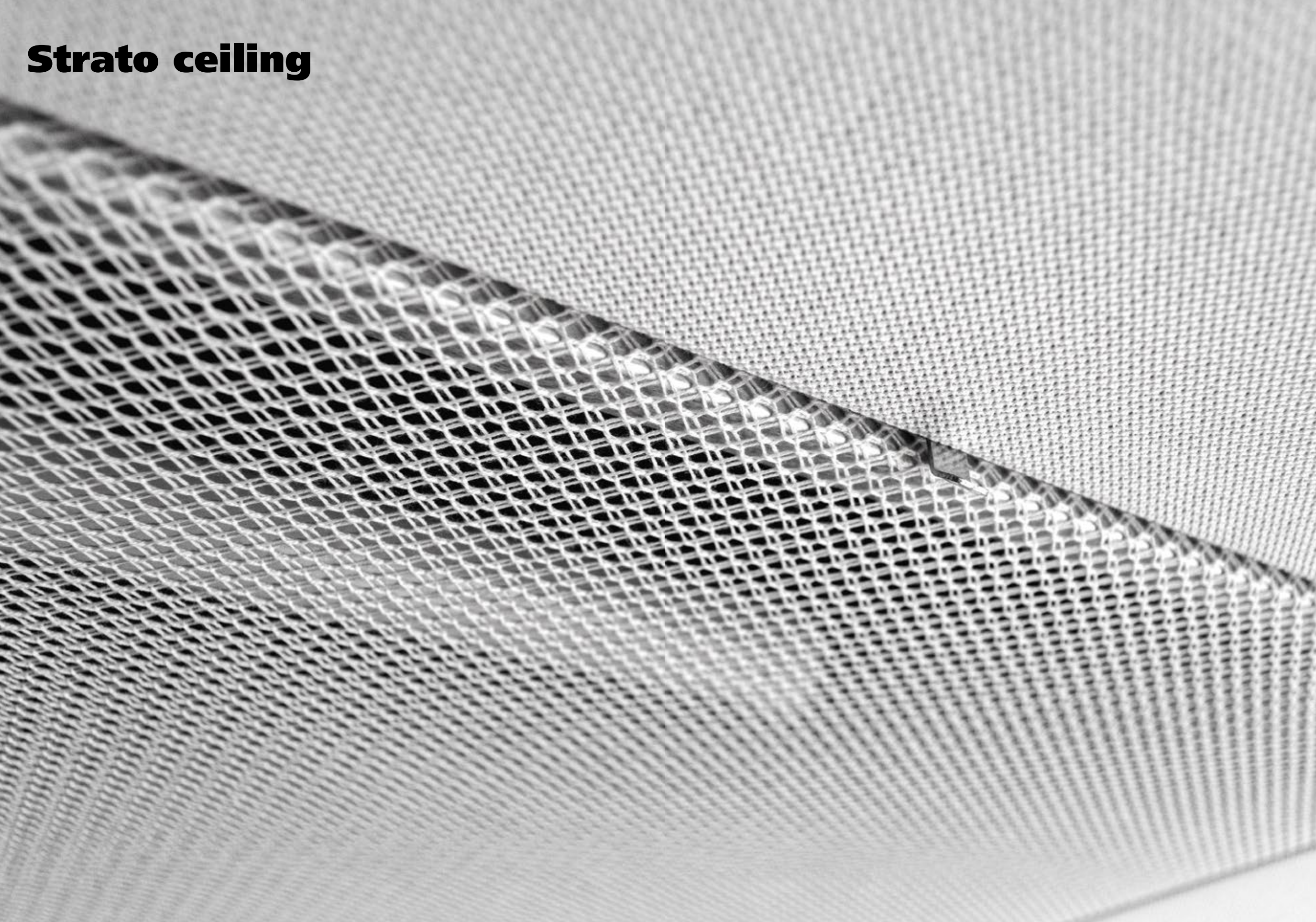


Strato ceiling

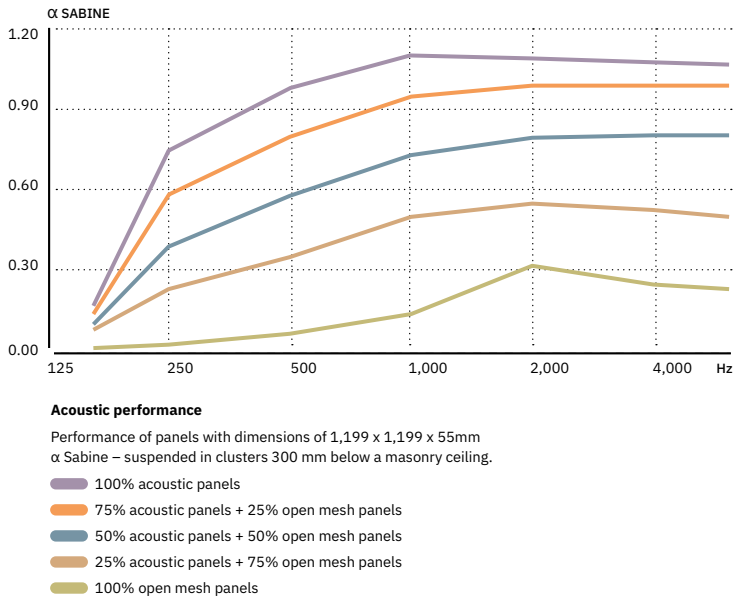


Strato ceilings enable the complete architectural design process to be free and technical at the same time.

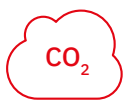
They can combine opaque components with slightly transparent ones: Stereo acoustic panels and the Stereo Air open mesh panels described in the pages preceding this one.

Strato is a continuous floating ceiling, whose combinations are infinite and can meet designers' requirements in terms of performance and appearance that they expect to deliver with their design.

Strato ceilings are pleasant to look at and invitingly warm, while being light, but robust. They are easy to install and maintain.



PROPORTION OF RECYCLED COMPONENTS



VERY LOW IMPACT ON CLIMATE

See updated environmental data on www.texaa.com



Strato ceiling made up of Stereo acoustic panels and Stereo Air open mesh panels in the Anthos building in Boulogne-Billancourt in western Paris. By Élisabeth Naud & Luc Poux associated architects, 2021.

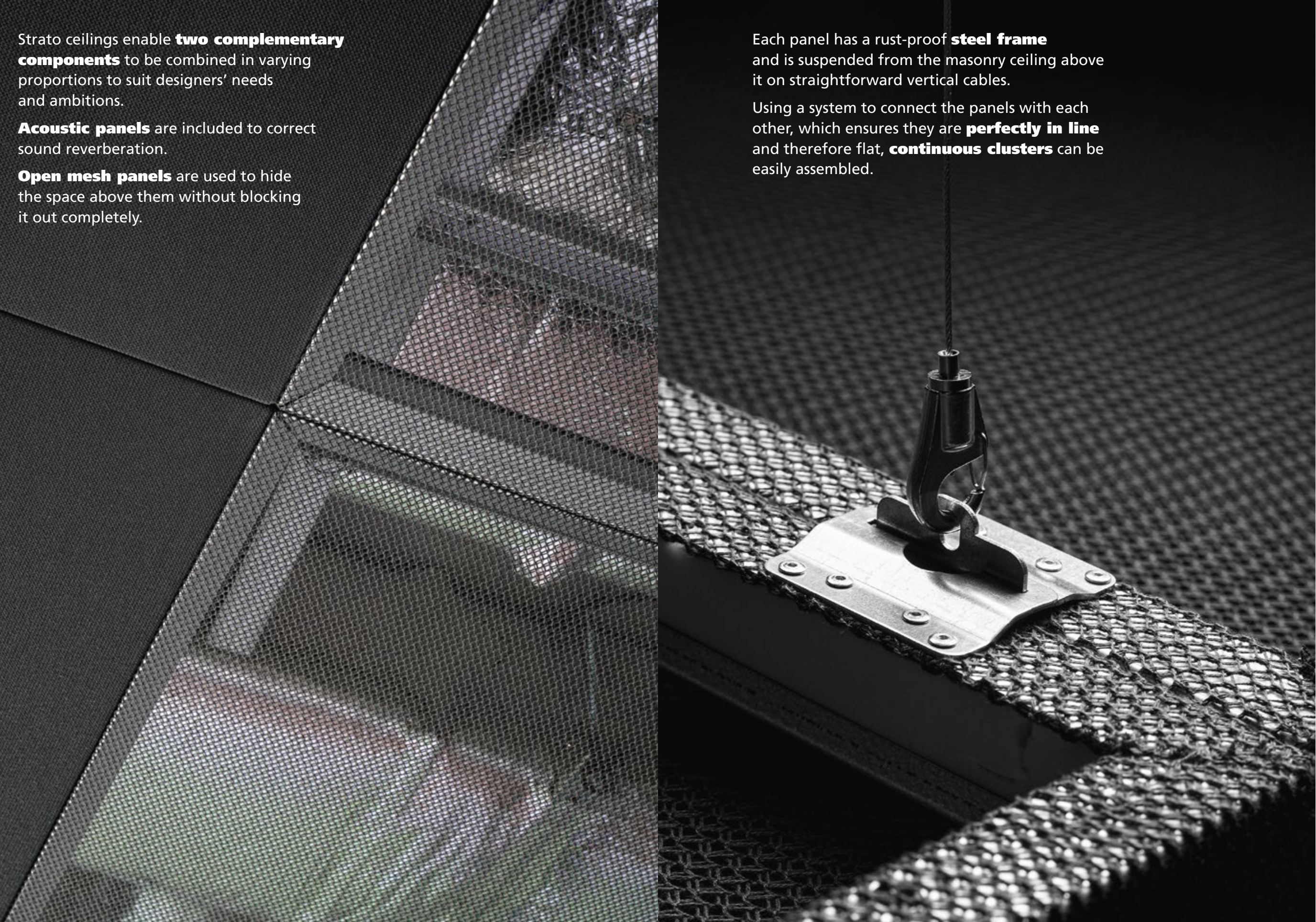
Strato ceilings enable **two complementary components** to be combined in varying proportions to suit designers' needs and ambitions.

Acoustic panels are included to correct sound reverberation.

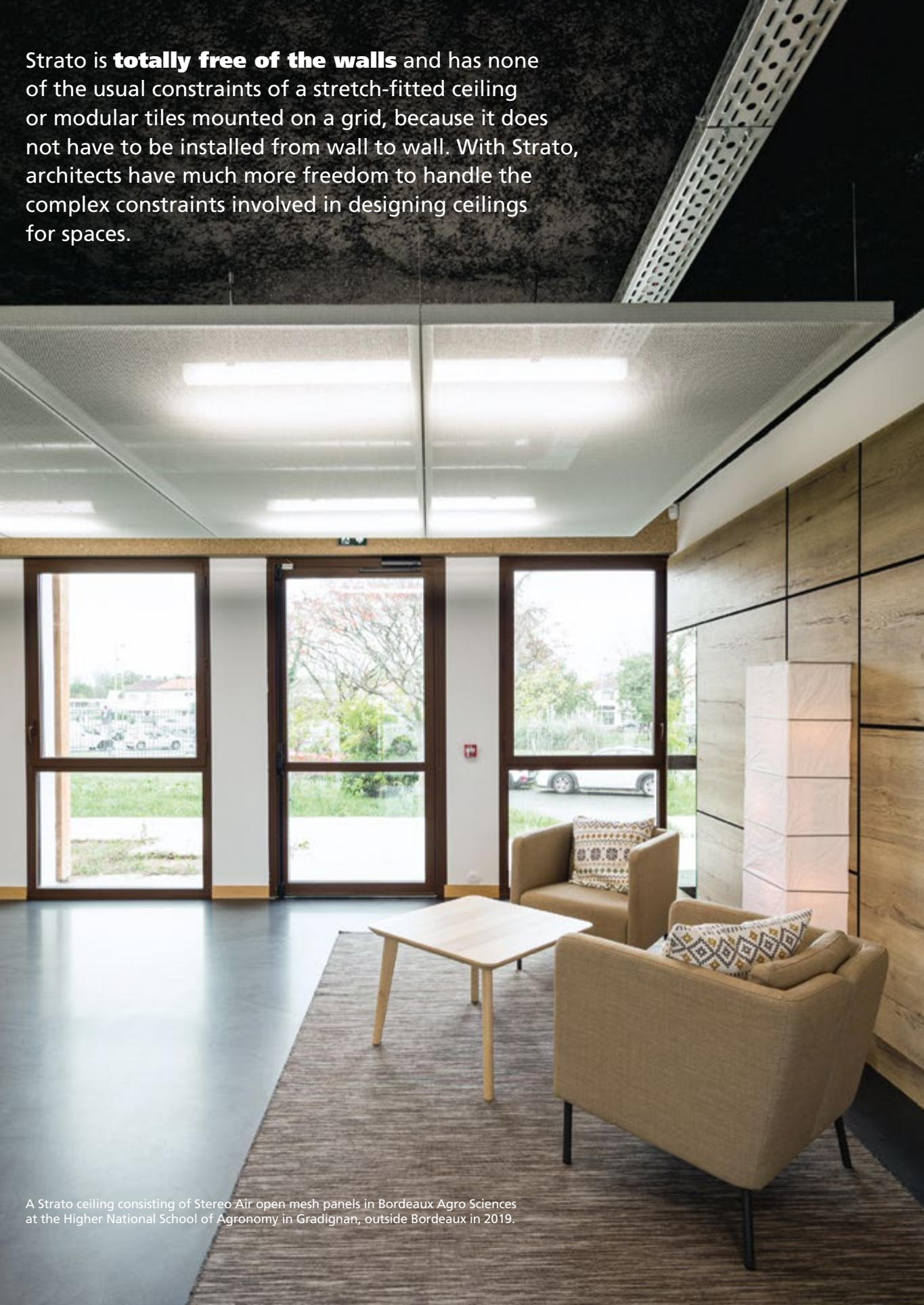
Open mesh panels are used to hide the space above them without blocking it out completely.

Each panel has a rust-proof **steel frame** and is suspended from the masonry ceiling above it on straightforward vertical cables.

Using a system to connect the panels with each other, which ensures they are **perfectly in line** and therefore flat, **continuous clusters** can be easily assembled.

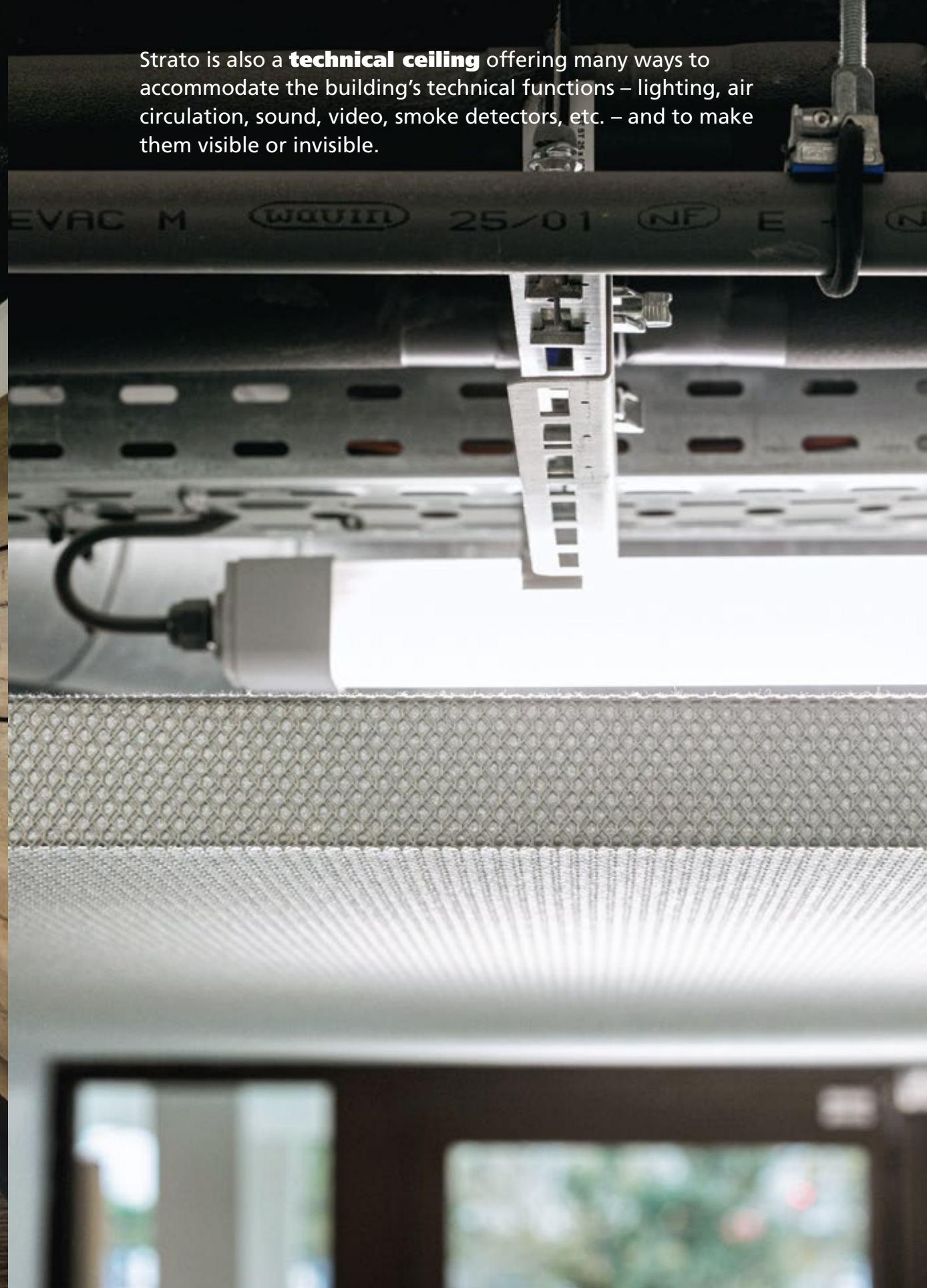


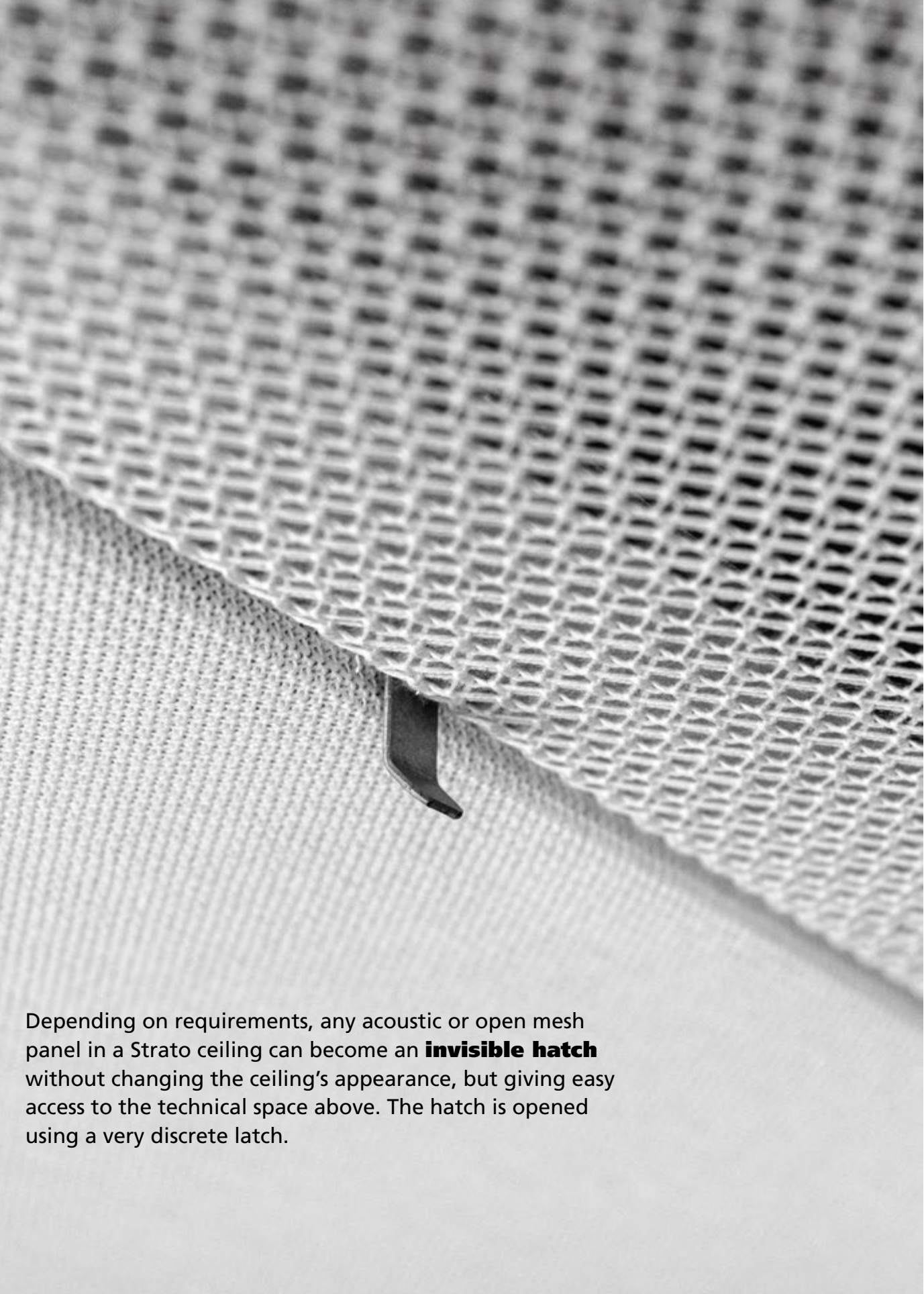
Strato is **totally free of the walls** and has none of the usual constraints of a stretch-fitted ceiling or modular tiles mounted on a grid, because it does not have to be installed from wall to wall. With Strato, architects have much more freedom to handle the complex constraints involved in designing ceilings for spaces.



A Strato ceiling consisting of Stereo Air open mesh panels in Bordeaux Agro Sciences at the Higher National School of Agronomy in Gradignan, outside Bordeaux in 2019.

Strato is also a **technical ceiling** offering many ways to accommodate the building's technical functions – lighting, air circulation, sound, video, smoke detectors, etc. – and to make them visible or invisible.





Depending on requirements, any acoustic or open mesh panel in a Strato ceiling can become an **invisible hatch** without changing the ceiling's appearance, but giving easy access to the technical space above. The hatch is opened using a very discrete latch.





A Strato ceiling consisting of Stereo Air open mesh panels and Stereo acoustic panels, featuring the integration of lights in Technicolor Animation Productions in Paris. Studios Architecture, 2019.

L'atelier



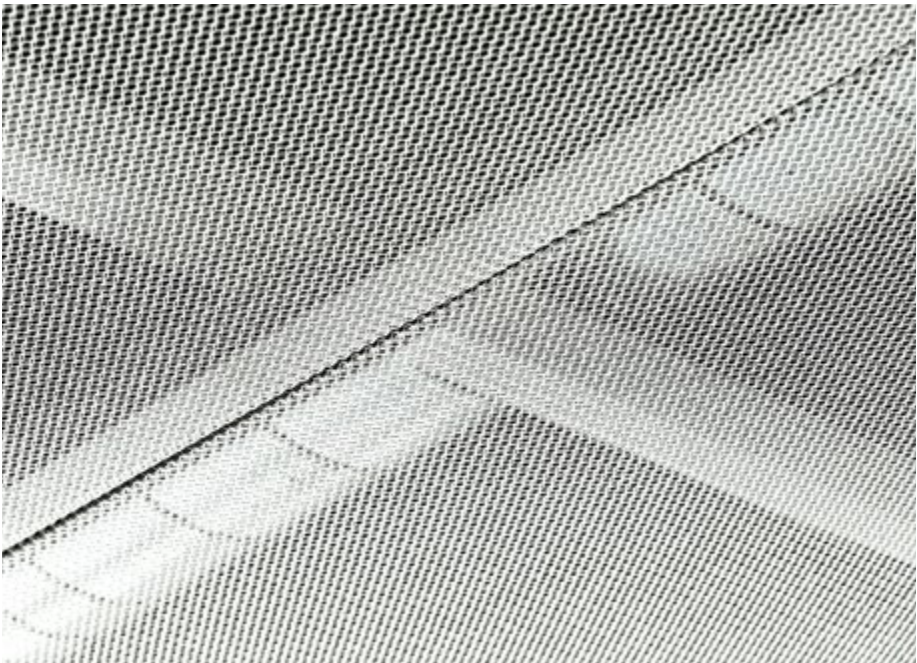
A Strato ceiling consisting of Stereo acoustic panels and Stereo Air open mesh panels in the Anthos building in Boulogne-Billancourt in western Paris.
By Élisabeth Naud & Luc Poux associated architects, 2021.

A Strato ceiling. The light sources are installed above the Stereo Air open mesh panels, enabling them to be discretely integrated, while generating soft, warm light in a meeting room in the Bordeaux offices of Moon Safari architects and town planning. By Moon Safari, 2019.





Bordeaux Agro Sciences at the Higher National School of Agronomy in Gradignan, outside Bordeaux in 2019.



The transparency of the Grande Maille fabric used in Stereo Air panels, becomes more and more apparent as the observer approaches.



A Strato ceiling consisting of Stereo Air open mesh panels to conceal all technical systems, while preserving the volume of the area in the Anthos building in Boulogne-Billancourt in western Paris. By Élisabeth Naud & Luc Poux associated architects, 2021.



Installing a Strato open mesh ceiling with strip lighting between each cluster in the HILTI head offices in Manchester, UK. Architects: TP Bennett, Peter Pringle, 2021.



A Strato ceiling with Stereo acoustic panels featuring rounded edges, a special order, in the showroom of S+W BüroRaumKultur in Munich, 2021.



A Strato ceiling consisting of Stereo Air open mesh panels on the same level as the drywall ceiling. Here, the Strato ceiling provides breathing space in the middle of this office area in The Black Tower Company, the head office of website MaPeinturePro.com in Montelimar, south-eastern France in 2019.

Characteristics of Strato ceilings

Strato ceilings are designed to enable the combination of two components: Stereo acoustic panels and Stereo Air open mesh panels.

STEREO ACOUSTIC PANELS

- Composition**
- Metal frame made of rust-proof steel
 - Fully recycled white AF1 wadding
 - Grey or black microporous cloth cladding
 - Removable cover made of sound-transparent Aeria Maille Ronde fabric

Acoustic performance
Absorption coefficient:
 $\alpha_w = 1$, NRC = 1, class A

- Reaction to fire classification**
- European classification : Complete product: B-s2, d0
 - United States – ASTM Class A

Colours
Select from the 30 colours in the Aeria palette.
Special colours available on request.

- Available options**
- Recesses for integrated light fittings, loudspeakers, etc.
 - Channels for cables to run through.

DURABILITY OF THE AERIA FABRIC COVER

- Run-resistant
- 330 g/m² (acoustic panel)
190 g/m² (open mesh panel)
- Protection against soiling:
 - Hydro/Oleophobic ≥ 5 (AATCC118 and AATCC193)
 - Electrostatic properties 7.10¹⁰ Ω (EN 1149-1)

CLEANING
Vacuum cleaning, may be taken apart and refitted, removable covers (acoustic panel only), machine washable.

STEREO AIR OPEN MESH PANELS

- Composition**
- Metal frame made of rust-proof steel
 - Cover made of sound-transparent Aeria Grande Maille Ronde fabric

Acoustic performance
Absorption coefficient:
 $\alpha_w = 0.15$, NRC = 0.15, class E

- Reaction to fire classification**
- European classification : Complete product: B-s1, d0
 - United States – ASTM Class A

Colours
Select from the 2 colours in the Aeria Grande Maille Ronde (GMR) palette.
Special colours available on request.

- ENVIRONMENTAL CHARACTERISTICS**
- Strato ceilings meet the requirements specified in the HQE, LEED and BREEAM (4 points) reference documents and methods, based on:
 - their acoustic contribution:
 - the provision of certified EPDs (EN 15804)
 - their very low emissions of VOC and formaldehyde
 - Impact on climate change: very low to low depending on the ratio of acoustic to open mesh panels (EPDs available on texaa.com)
 - Proportion of recycled components: $\geq 43\%$
 - All Texaa products qualify for French “A+” health labelling and are classed as “conforming” after assessment using the German AgBB protocol

- Light transmission**
GMR980 (*Granit*) colour:
 - 52% for a spotlight located between 50 and 1,600 mm from the panel
 - 55% for a light panel located between 50 and 1,600 mm from the panel.GMR640 (*Nacre*) colour:
 - 52% for a spotlight located between 50 and 1,600 mm from the panel
 - 86% for a light panel located 50 mm from the panel and 65% for a light panel located 1,600 mm from the panel.

- Ventilation**
- Air permeability according to ISO 9237: 6,596 l/m²/s
 - Porosity: 54%

- SHARED OPTIONS**
- Access hatch
 - Variable dimensions: widths from 300 to 1,200 mm and lengths from 600 to 2,400 mm. Please contact us for larger sizes.

FITTING
Each panel is suspended from the ceiling on vertical cables made of galvanised steel (diameter 1 mm, length 1,000 mm), each with a cylindrical cover and an adjustable latch-eye hook. The panels are connected together with linking brackets.

GUARANTEE
10 years



Run-resistant



Fire-resistant



10-year guarantee



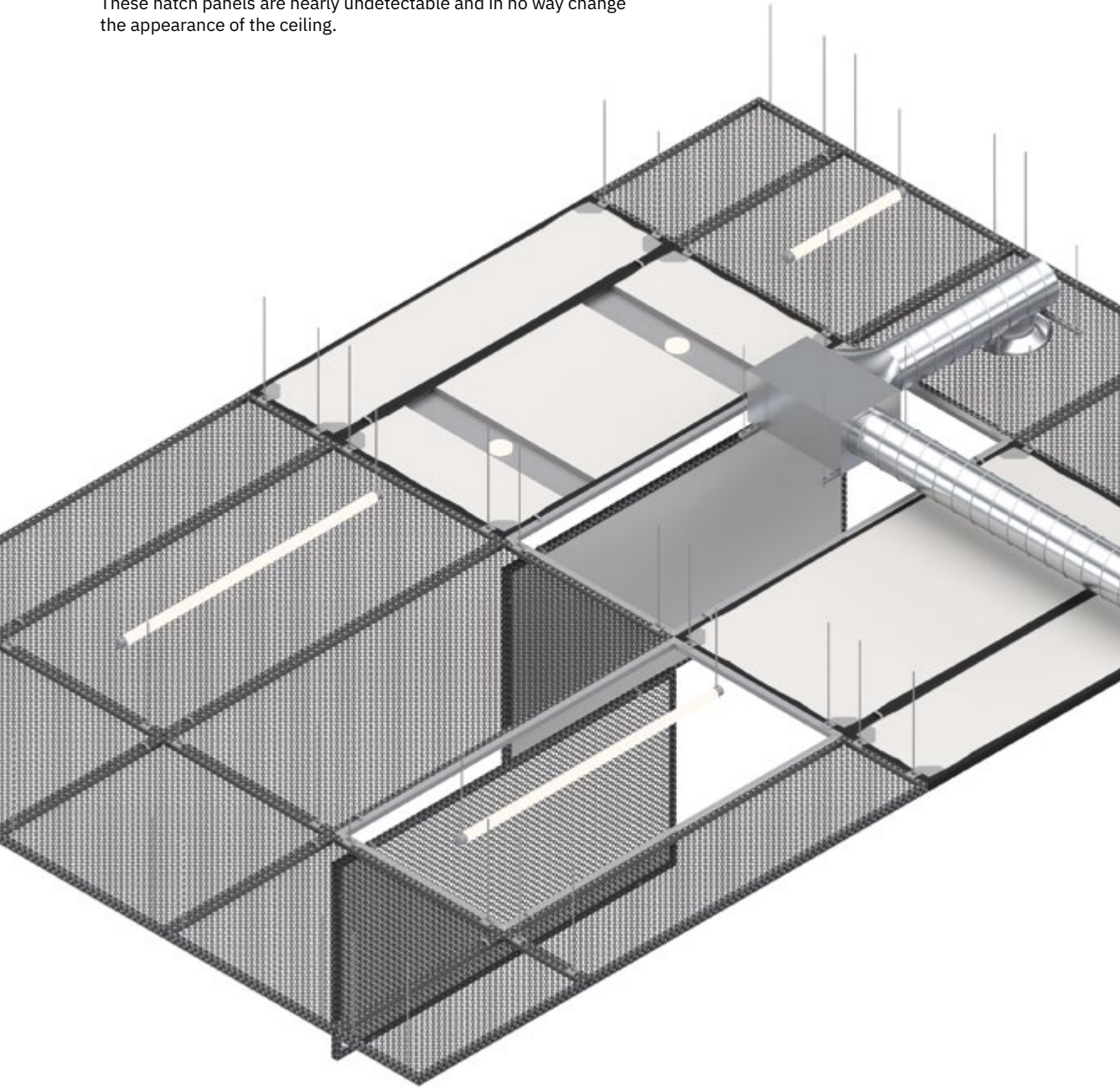
Water repellent and dust-proof



For more info, see texaa.com

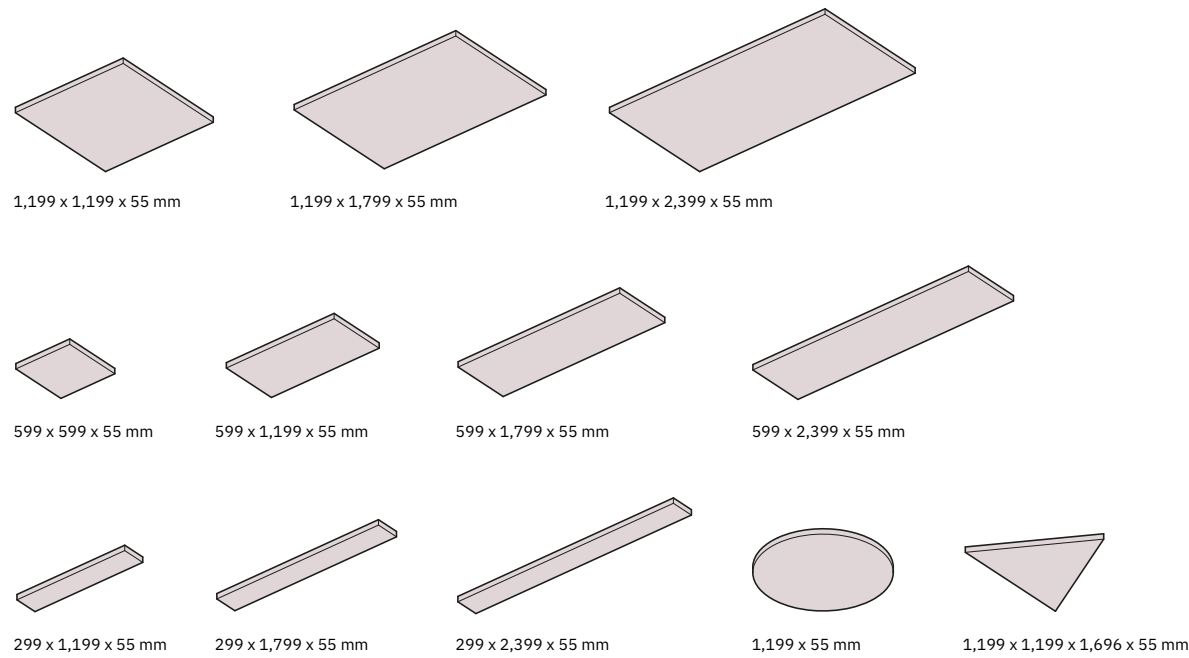
INTEGRATION AND ACCESS

A variety of equipment can be concealed above Stereo Air open mesh panels. Depending on requirements, any acoustic or open mesh panel can be used as a hatch, giving easy access to the space above the ceiling. These hatch panels are nearly undetectable and in no way change the appearance of the ceiling.

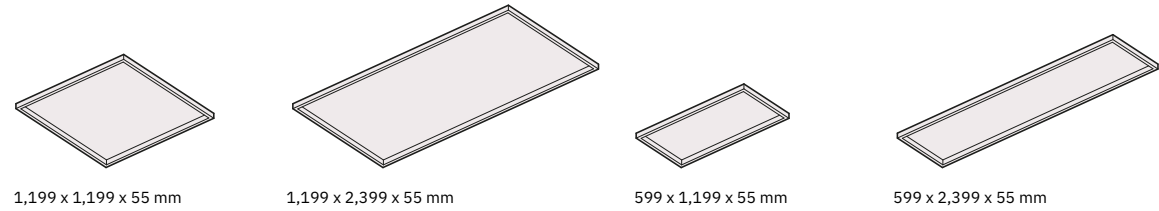


Strato ceilings sizes

STEREO ACOUSTIC PANELS



STEREO AIR OPEN MESH PANELS



Strato Ceiling, Frankfurt, Germany, Frankfurt Stock Exchange. Kontext Architecture, 2020.

Aeria colour palette



Granit GMR980



Nacre GMR640



Granit MR980



Nacre MR640



Chiné graphique MR140



Chiné noir MR150



Chiné brun MR120



Chiné naturel MR130



Graphite MR520



Gris pierre MR350



Quartz MR300



Silex MR950



Taupe MR680



Beige MR930



Ciment MR700



Craie MR630

Special colours are available on request.
GMR colours are only available for Stereo Air
and Strato open mesh panels.

The stitches are displayed here in their actual size.



Ivoire MR940



Moutarde MR580



Cumin MR920



Vert beige MR670



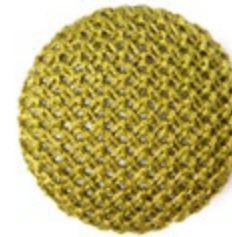
Fougère MR650



Prairie MR480



Vert cactus MR550



Lichen MR660



Océan MR340



Bleu étang MR360



Bleu menthe MR370



Bleu nocturne MR310



Rouge MR470



Brique MR620



Rose rubis MR320



Vieux rose MR330

The final appearance of any colour of our Aeria fabric
is partially influenced by the base to which it is applied.
The presentations above display Stereo and Vibrasto
applications: light colours are applied to a grey base
and dark colours are mounted on black bases.

Also objects always have light-coloured base materials.
Curtains and blinds always have black bases.
If you are mixing product families, please contact us.

Conceive and build your
solutions with **texaa.com**

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