

Acoustics: a challenge for a contemporary office

Spending time in a place filled with constant noise causes problems with concentration and decreases employees' efficiency. A lot of people working together in a small space, ringing telephones and conversations held in a passageway not only distract from work, but also have a highly negative influence on working conditions. Taking into consideration the increase in the number of noise sources and their diversity in contemporary offices, we should pay special attention to acoustic aspects and not only visual ones when designing a space. The implementation of solutions that help us improve the comfort of working and reduce surrounding noise is becoming as important as the need to create a practical and functional space which is beautiful at the same time.

Sileo is a comprehensive line of sound-absorbing panels which takes care of users' full acoustic comfort. The line is made up of two groups: Sileo and Sileo S. Sileo panels have been designed with good acoustic properties in mind. Sileo S models are a continuation of the Sileo line, but with more lightweight and thinner panels. With these features, Sileo S panels have a wider range of applications, especially with desks and workbenches.

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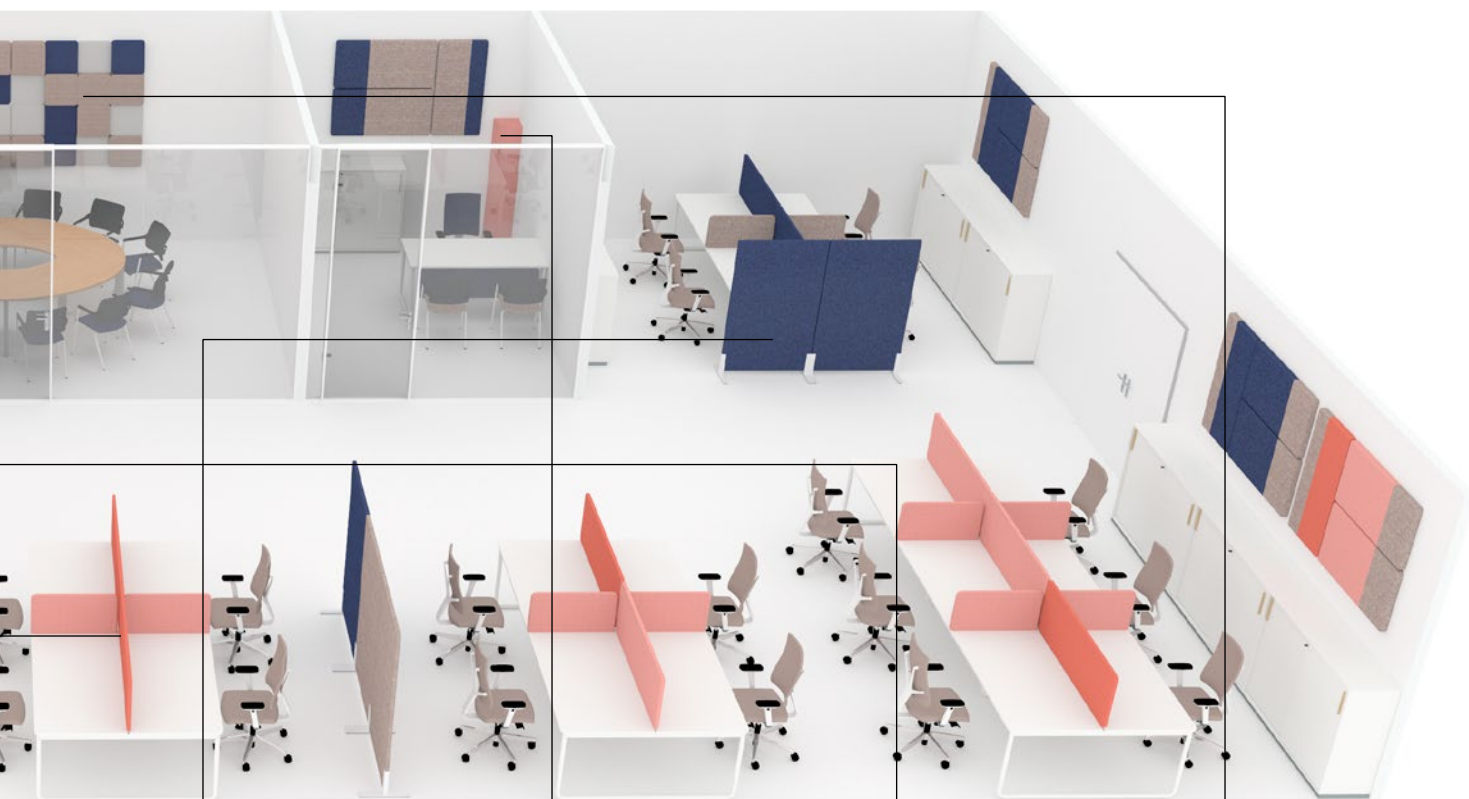
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Do great things in silence



Sileo wall panels

The use of sound-absorbing wall panels not only helps reduce the echo effect in a particular room, but also allows for creating a unique and cosy place that gives employees the feeling of acoustic comfort. The panels are 58 mm thick and can be used to create original and functional acoustic solutions in office spaces.







Finishes

10 Blazer CUZ28, CUZ1E, CUZ3B, CUZ33

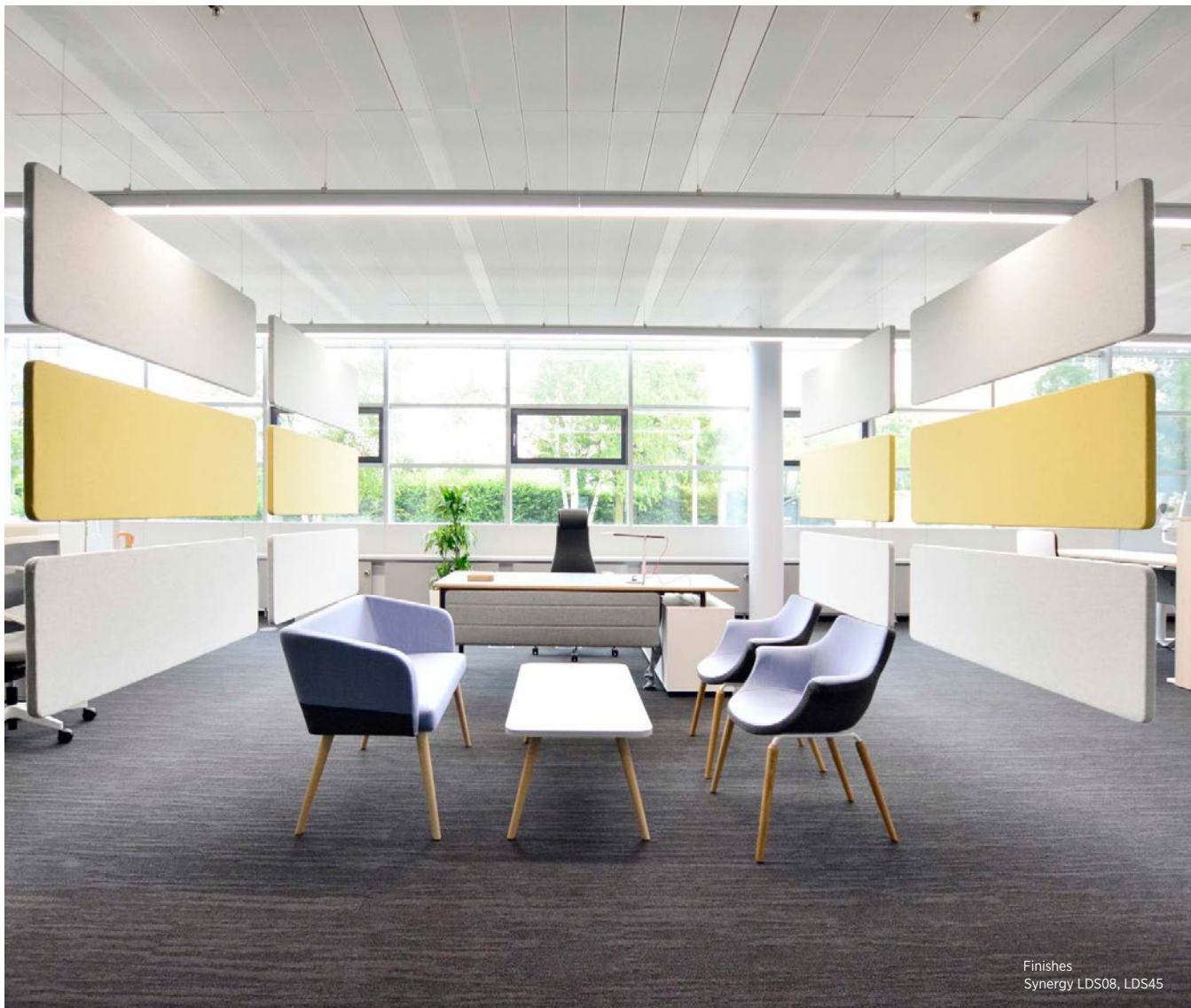
Sileo S wall panels

Even though the Sileo S panels are thinner – 30 and 40 mm in thickness, they too improve acoustic comfort and bring a sense of visual lightness. Thanks to the diversity of panel sizes and the possibility to combine two different colours on one panel, we are able to create exceptional arrangements that make up colourful patterns in an interior. Used in team work areas, conference rooms and executive offices, the wall panels will give those rooms a new character, putting workers in a space that fosters creativity and concentration.



Sileo suspended panels

In addition to its acoustic properties, the vertical suspended panel can be used to visually divide the office space into particular zones. A modern office is characterized by many teams and separate units working in one space, so by installing suspended panels we can section off particular zones and provide proper working conditions to all employees at the same time.



Finishes
Synergy LDS08, LDS45





Suspended panels

Horizontal sound-absorbing suspended panels reduce the reverberation time and improve other acoustic parameters – for example, they lower the noise level and increase intelligibility of speech. They can also serve as an alternative to a suspended ceiling, improving acoustic conditions in rooms with open ceilings. The square Sileo panels are 40 mm thick, while the round panels are part of the Sileo S line and are 30 mm thick.



Finishes | Finitions :
Synergy LDS14, LDS08, LDS06

Sileo desk and workbench panels

Sound-absorbing desk panels allow us to create comfortable working conditions, especially at workstations that are designed for performing tasks that require concentration. Holding many telephone conversations or spontaneous meetings at a desk may have a distracting influence on other team members and affect their performance. A mobile panel is an additional tool that allows us to divide a working area flexibly, for example on a conference table.



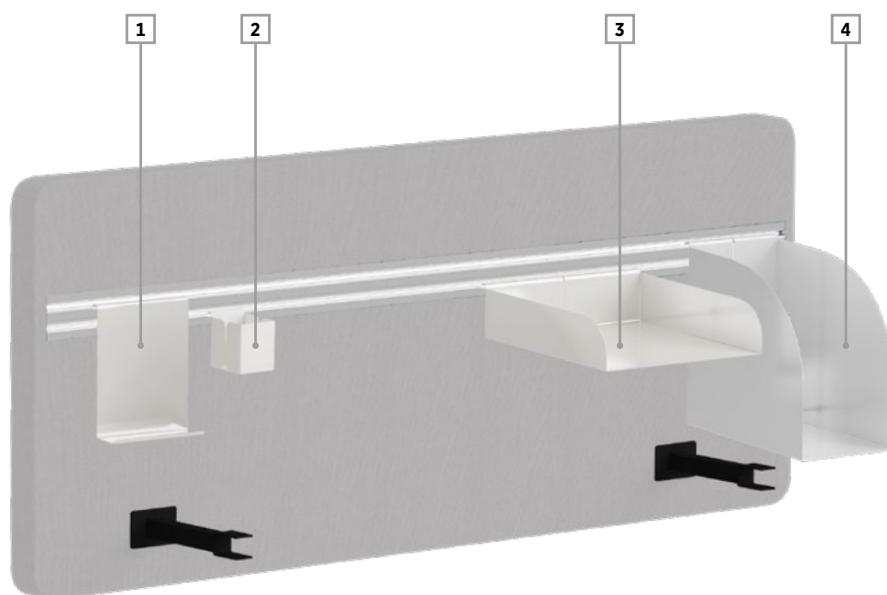
Mobile desk panel





Accessories

Desk and workbench panels can be equipped with a wide range of practical accessories that ensure easy organisation of a workstation.



- 1.** Magnetic board with a pencil box
- 2.** Pencil box
- 3.** Horizontal shelf (A4)
- 4.** Shelf for binders







Sileo S desk and workbench panels

Sectioning off workstations and isolating employees from distracting sounds are two highly important aspects that help maintain employees' efficiency and ensure greater privacy.



Finishes | Finitions :
Synergy LDS06, LDS08

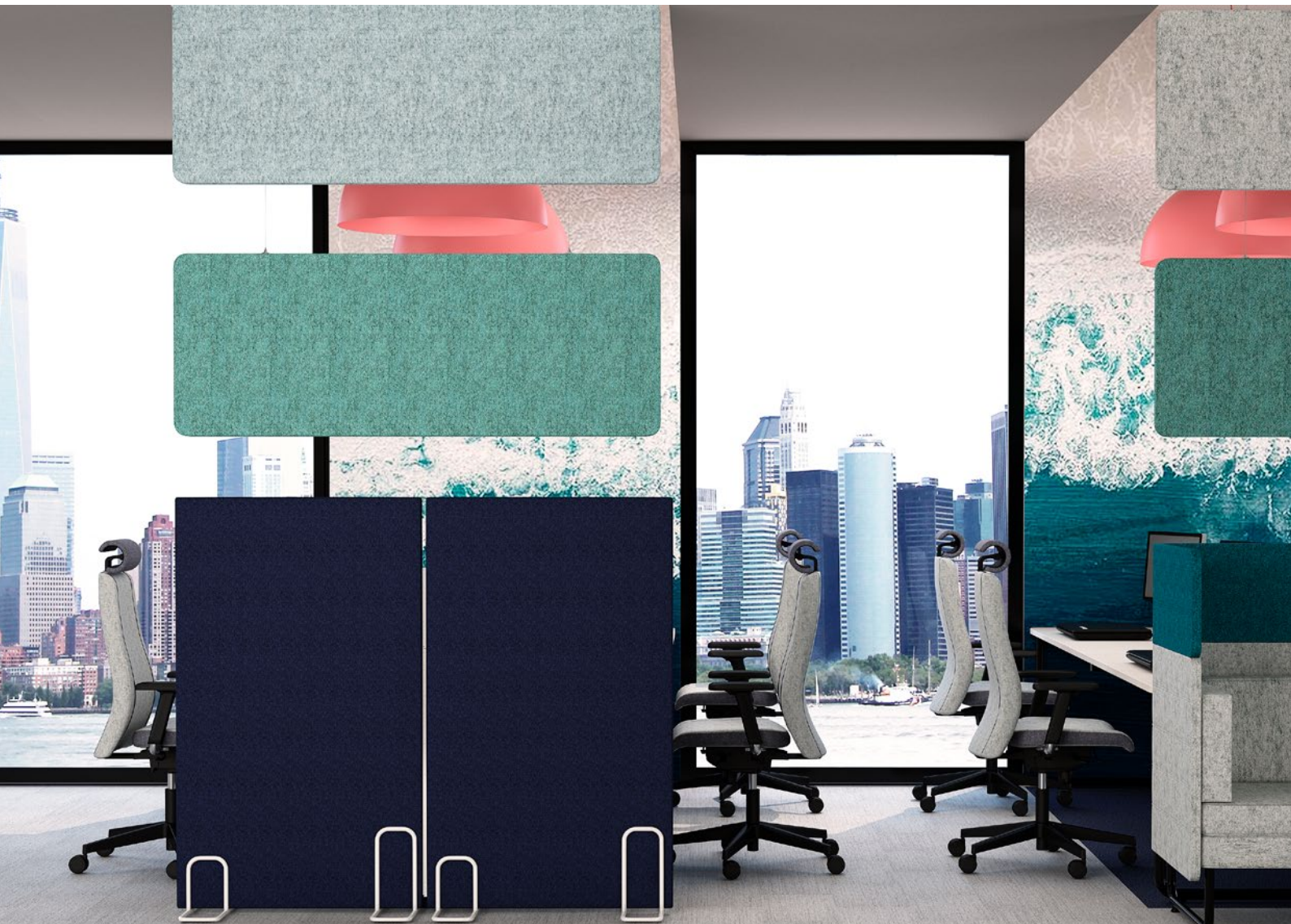


”

The walls can be free-standing or for integrations, come in different sizes and on two different types of feet. Additionally, they can be fitted with castors and thanks to original and functional connectors, they can be easily and quickly configured depending on needs.

Sileo S office walls

Surprisingly lightweight, and yet stable. Sileo walls have been designed and made to be effortlessly moved to any point in the office, wherever they are needed. Like a sound-absorbing screen, they can separate workstations from distracting pedestrian routes, or section off some space for a quick meeting. With the wide array of finishes, the walls can discreetly blend in with the background, matching the rest of the office, or vice versa – work as a colourful accent that enlivens space.



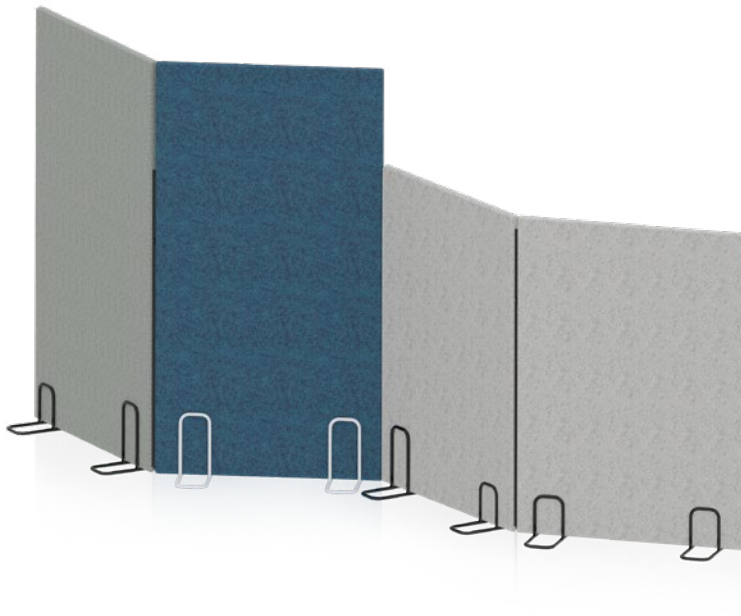
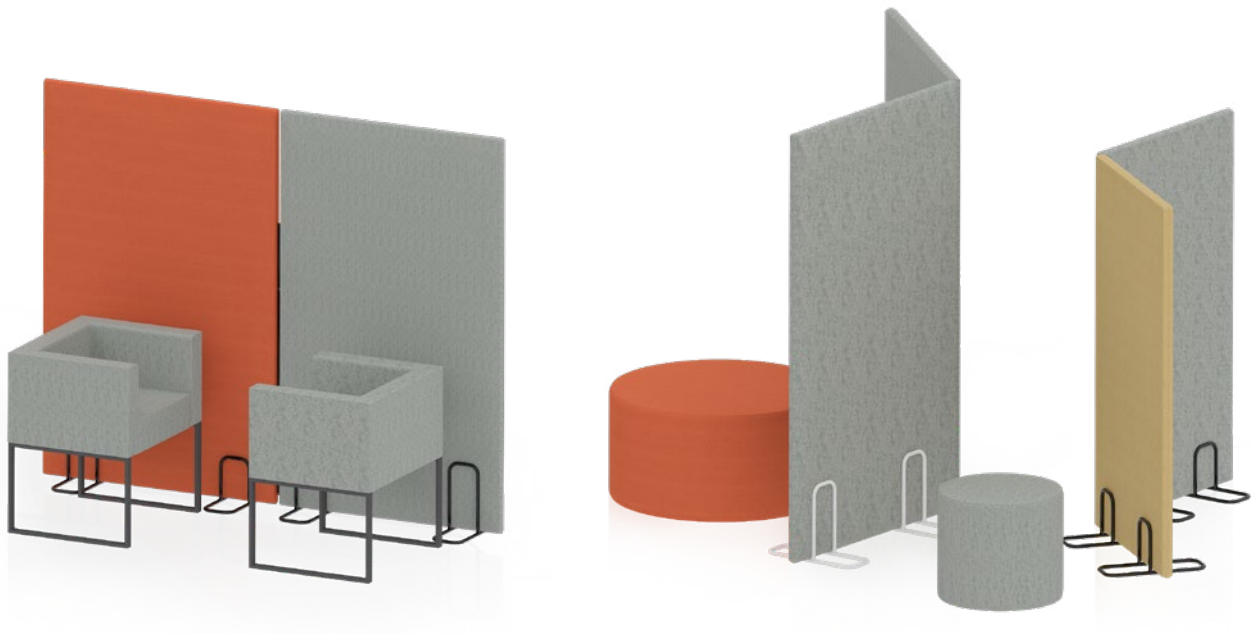
Finishes | Finitions :
Blazer CUZ28, CUZ3B, CUZ33, CUZ1R, Synergy LDS62

Sileo S1 office walls



Feet can come with glides or castors

Sileo S2 office walls



Feet come in two sizes



Towers

Tower corner panels can be used in areas where other sound-absorbing panels cannot be used, for example small rooms or areas enclosed with glass walls. The height of the panels has been determined based on acoustic research and is sufficient to absorb sound waves generated in a room with people speaking in a seated or standing position.



Sileo Pro

Panels dedicated to managerial and boardroom meeting rooms not only increase their acoustic comfort but also embellish and raise their rank. Inspired by modern art, they look like an abstract painting and with a wide range of finishes they guarantee to fit any space.



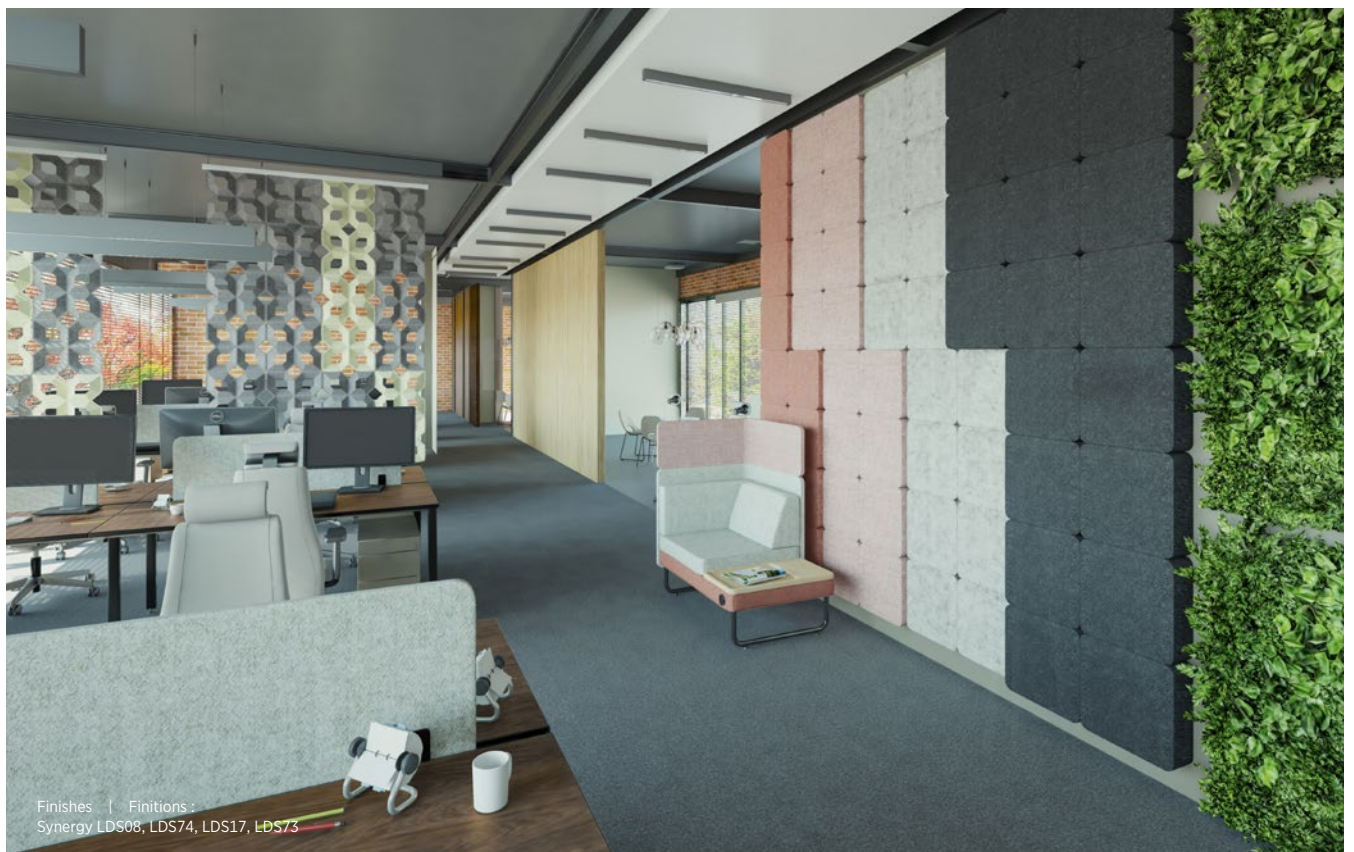
Finishes / Finitions
Radio RDXF3594, RDXF6517, RDXF8517, RDXF1510





The highest level of acoustic comfort

Sileo Levels line have been designed as a result of a research project carried out by our team of acoustic engineers. The main purpose of these panels is to facilitate optimal acoustic conditions in rooms with different finishes. Typical upholstered acoustic panels can effectively absorb a limited range of frequencies, and they can actually make an existing problem even worse in some cases. Compared to existing solutions, perforated panels can be used to better match the sound absorption range to the specific problem occurring in a particular space.

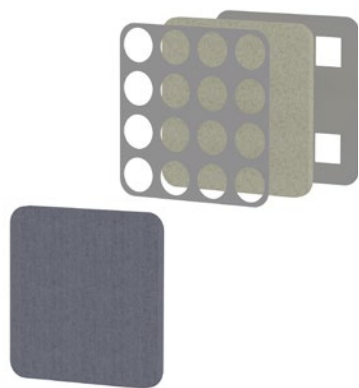


With three different thicknesses, the panels can be used to create interesting spatial forms which expand the arrangement potential of an office space, while ensuring the right absorption characteristics for offices.

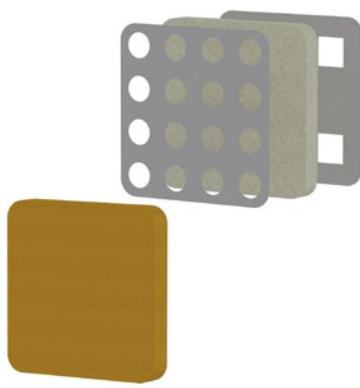
What makes perforated panels a unique product is their design.

With the right thickness of sound-absorbing material inside and the openings of different diameters, complementary sound-absorbing properties have been obtained.

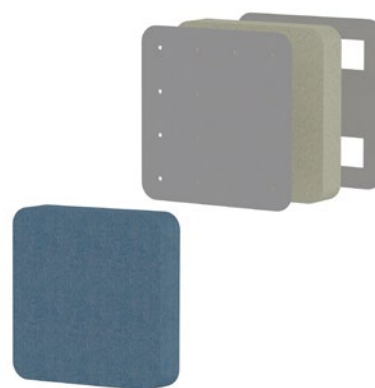
As a result, the Treble panel is the most effective for high frequency tones, the Middle panel for medium frequency, and the Bass panel for low frequency tones. A combination of the three panels in the right proportions offers sound absorption for a wide range of frequencies, which is recommended for spaces fitted with hardly any other absorbing materials, such as carpets or acoustic ceilings.



Treble 28 mm



Middle 58 mm



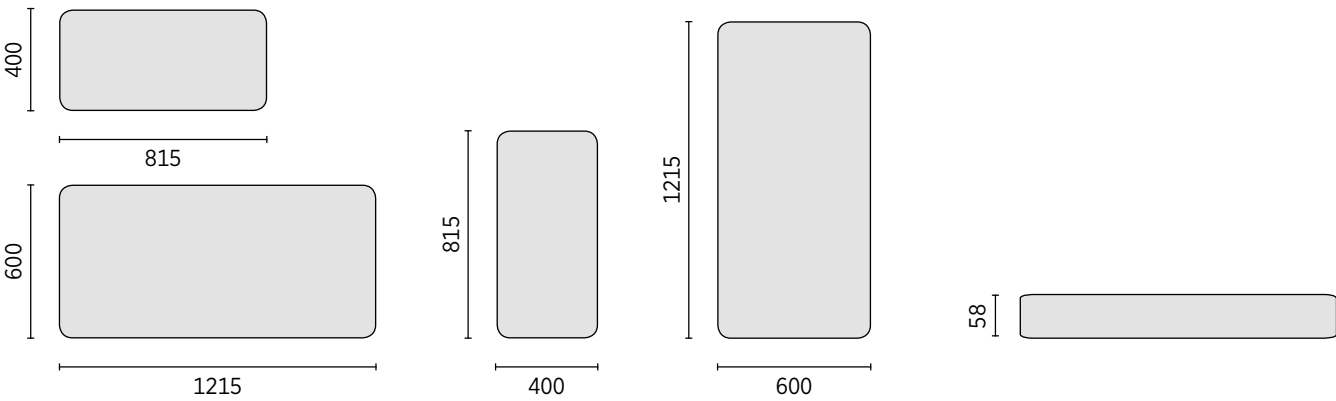
Bass 88 mm



Dimensions

Sileo

Wall panels

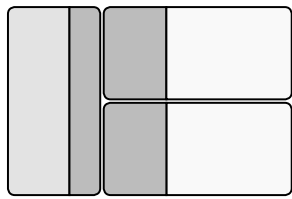


Upholstery options

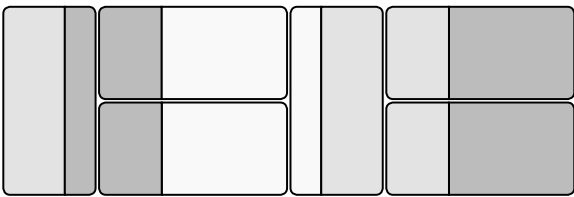
One-colour upholstery

Two-colour upholstery – 1/3 left side, 2/3 right side (right version)

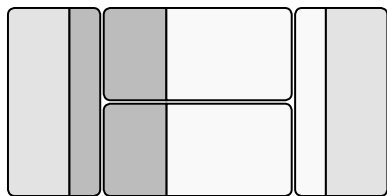
Two-colour upholstery – 2/3 left side, 1/3 right side (left version)



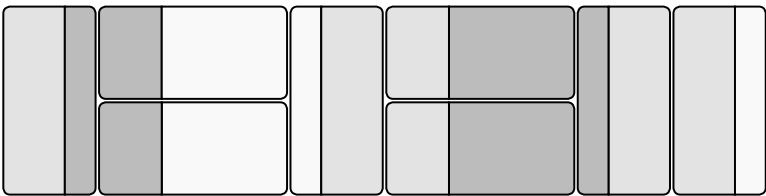
Arrangement S1 – 3 panels



Arrangement S3 – 6 panels



Arrangement S2 – 4 panels

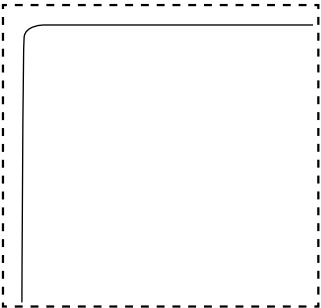


Arrangement S4 – 8 panels

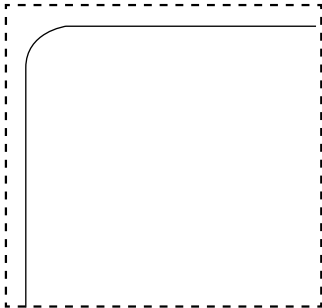
Dimensions

Sileo S

Wall panels



angular



rounded



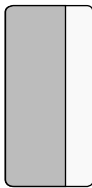
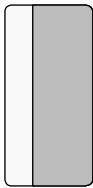
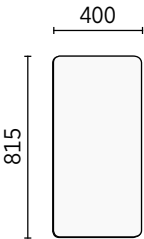
Upholstery options

One-colour upholstery

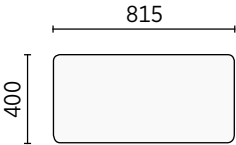
Two-colour upholstery – 1/3 left side, 2/3 right side (right version)

Two-colour upholstery – 2/3 left side, 1/3 right side (left version)

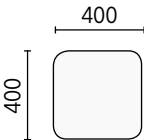
Vertical



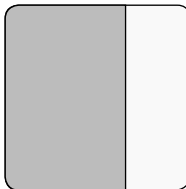
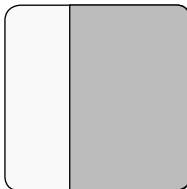
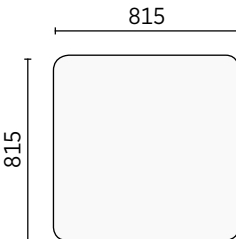
Horizontal



Square



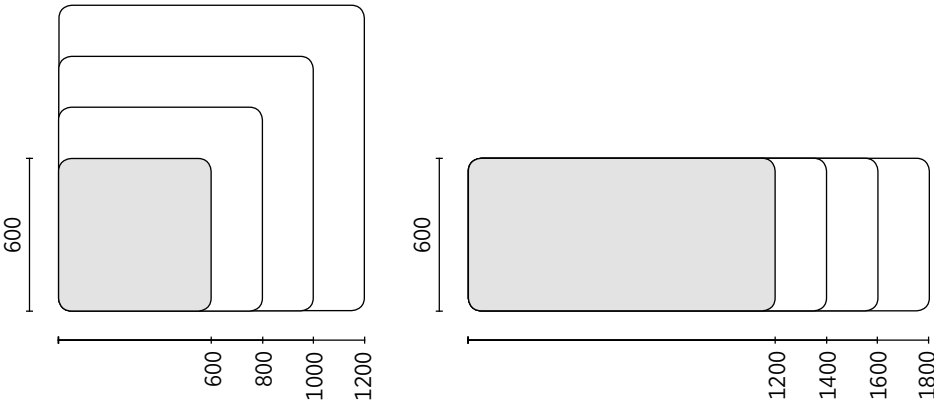
Square



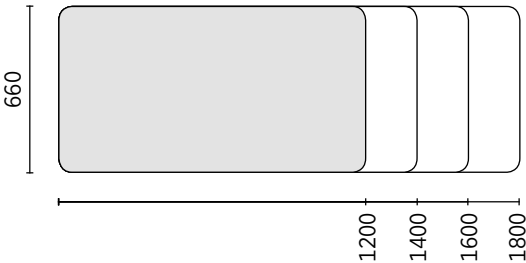
Dimensions

Sileo

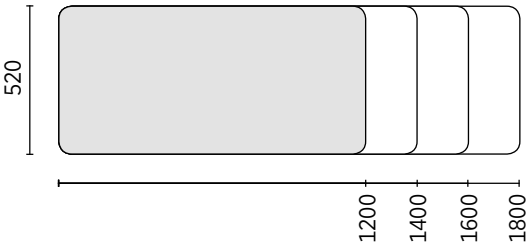
Suspended panels



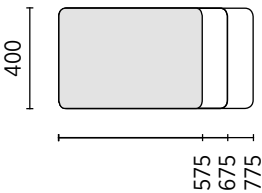
Desk panels



Workbench panels

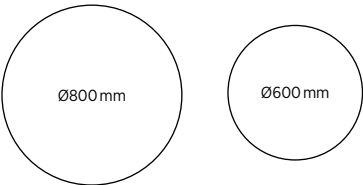


Desk panels: mobile



Sileo S

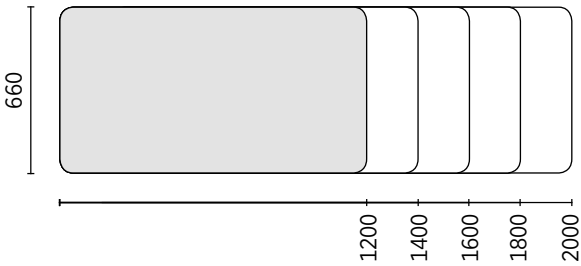
Suspended panels



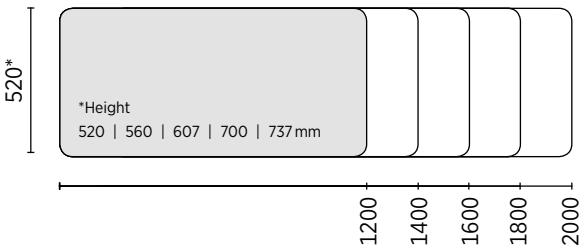
Dimensions

Sileo S

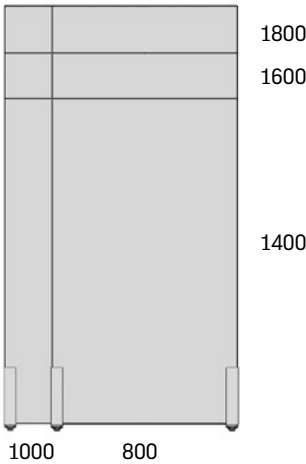
Desk panels



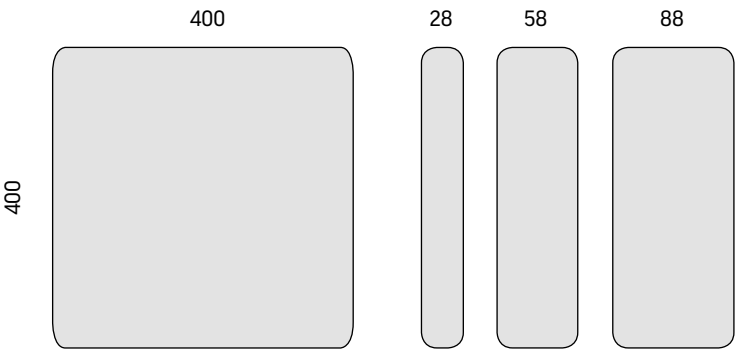
Workbench panels



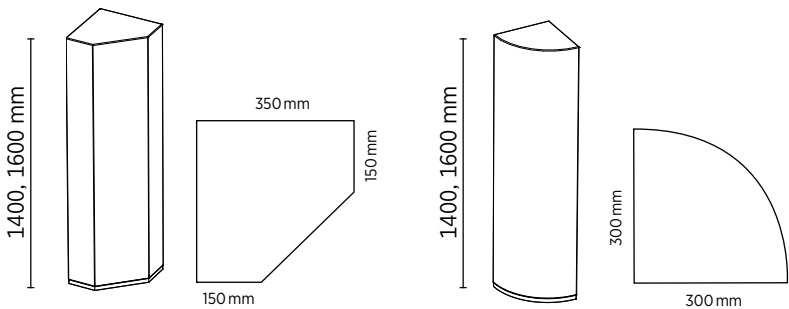
Free-standing walls



Sileo Levels

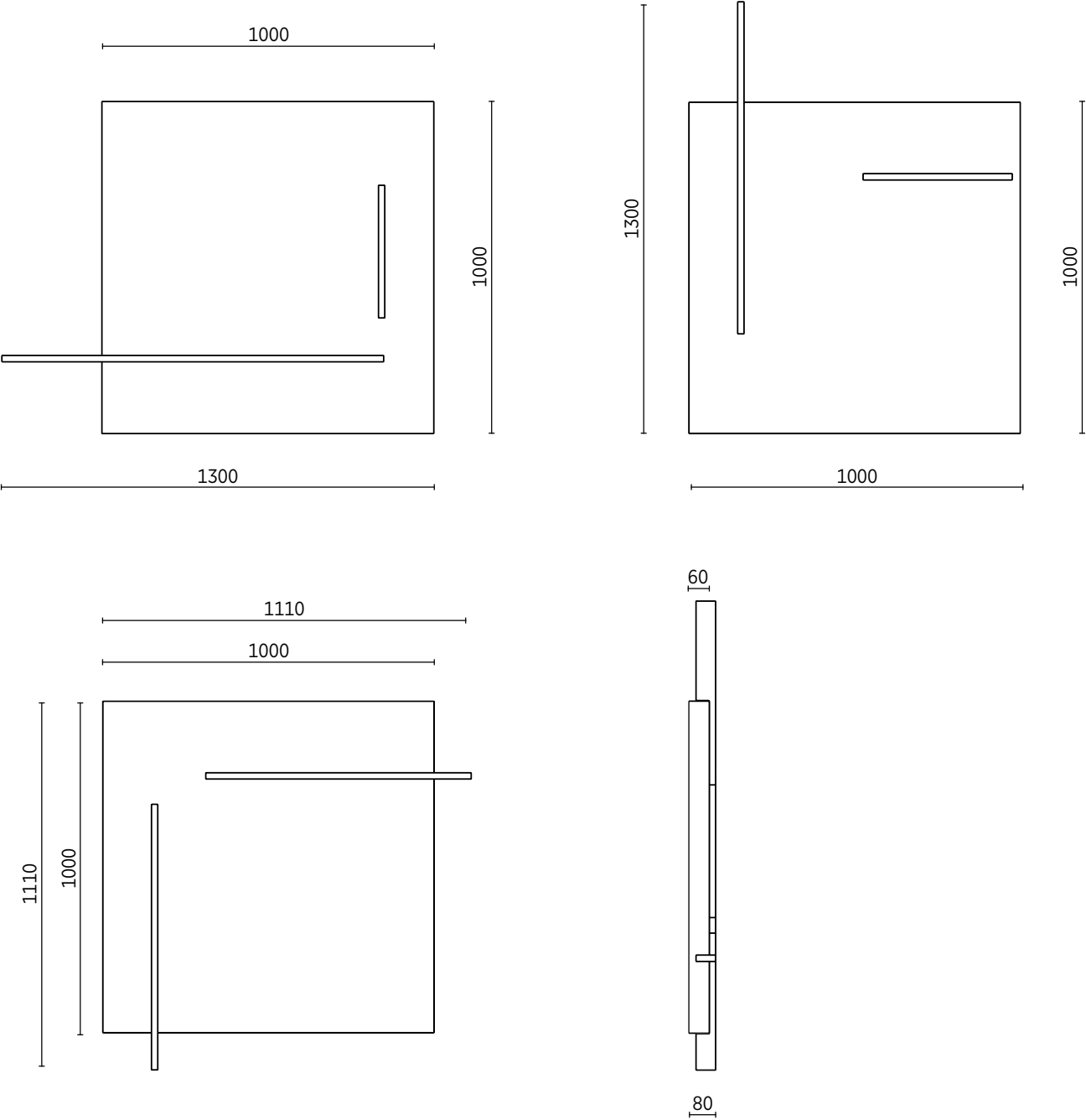


Corner Panels



Dimensions

Sileo Pro





Sileo