acoustic UST collections <u>cõiiěči</u> 2022





Deeper learning of the acoustics issues and developing the products that are sound absorbing enables to design the spaces that improve the room acoustics not only in the offices, but also in the public spaces.

be:noiseless be:calm be:focus be:productive be:effective

bejot: of the world



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acoustic booths

treehouse quadra standing box



panels screens absorbers





acoustic furniture

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treehouse

booths

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alberi

selva





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treehouse furniture



beachhouse



plint

booi



cave





leafpod

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Т	

voo voo



workstation



saar

social swing



quadra

be:our guest



be:fair

At Bejot we have been observing and creating changes in the work environment for over 30 years. We listen to our customers' needs, stay ahead of trends and help create timeless workplaces. Thanks to the durable design and quality of Bejot products you will create an office for years to come, which will become a long-term investment, supporting sustainable development in your company.

be:certificated

We have been operating to ISO standards in terms of quality management (ISO 9001:2015), environmental management (ISO 14001:2015) and occupational health and safety. We also started the FSC certification process so that we can be sure that all our raw materials come from responsible sources.



be:eco-friendly

We strive to reduce the emission of pollutants and the energy consumption of production processes. We are committed to becoming energy independent in the future and only using energy from renewable sources.

be:local

We know the needs of the local community and actively support it. Development of children and youth, support for culture and sport, the social welfare home and animal shelter – these are the main areas of our engagement in helping local communities.

be:responsible

Corporate social responsibility has an important place in our strategy. For us, this means that we operate with integrity, in an environmentally friendly manner, in compliance with applicable laws and with respect for human rights.

be:less waste

Our aim is to reduce waste generation through prevention, reduction, recycling and reuse. We plan to increase the number of recycled and recyclable materials used so as not to generate additional trash.



be:creative



Our development team and designers

Design and development of office and acoustic furniture is our passion and source of pride. Our experienced R&D team creates original designs but also collaborates with Polish and foreign designers. Behind each new collection are hundreds of hours spent designing, consulting and testing each element as well as an uncompromising approach to the selection of raw materials guaranteeing the best performance parameters. Close cooperation with scientific institutions on the acoustics, biophilia and ergonomics of the workstation helped us gain unique know-how. We approach the design process responsibly, introducing the principle of waste minimisation at the end of the product lifecycle. We only work with suppliers for whom quality, compliance with standards and environmental care are as important as for us.

ω



Beata Wilk - Naskręt



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Dymitr Malcew



Henrik Schulz



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Ronald Straubel



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Jan Kochański



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Krzysztof Sarnowski



Jeremiah Ferrarese





Our experts

Marcin Latta is the Manager of Acoustic Projects. In the Bejot factory, he is responsible for training trainings for our clients and architects in the basics of interior acoustics, design consultancy and, together with the R&D Department, for the development and introduction of new acoustic products to the offer. His activity focuses on solving noise issues and improving acoustics in various office and HoReCa settings. His strategic goal is to create quiet, healthy and pleasant workplaces. In 2017, Marcin graduated in acoustics at the Faculty of Physics of the Adam Mickiewicz University in Poznań and was granted a master's degree.

Marcin supports our clients by carrying out acoustic measurements in problematic rooms and making the necessary calculations, which results in an acoustic treatment proposal with an indication of the type, number and arrangement of acoustic solutions. With many years of experience in various projects, Marcin is an expert in office acoustics.

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We commission testing our products to the best scientific centres in Poland, e.g. the Technical Acoustics Laboratory of the Department of Mechanics and Vibroacoustics of AGH UST in Kraków. Measurements are carried out according to international standards, including in an anechoic chamber – the quietest place in Poland. It is a special room where there are no sound wave reflections and you are able to hear your own heartbeat.

Why is acoustics so important to us?

Our aim is to ensure comfort for users in the working environment and that's why, as the Bejot factory, we participated in a research consortium on investigating the acoustic properties of materials that eliminate noise in the workplace. This allowed us to gain a deeper understanding of acoustics and develop products that improve interior acoustics not only in offices but also in public and HoReCa spaces.

Our activities are human-centred – we believe that by implementing acoustic solutions and innovations we ensure well-being, peace and efficiency at work. At the same time, we are helping to create comfortable interiors.







JAP | POZNAŃ





about Sound Sound

Sound

In simple terms, an acoustic wave is an air vibration that can create the sensation of sound. The sound source (for example the larynx of a person talking) creates air vibrations which reach our ears, where the vibrations are converted into nerve impulses and then processed by the brain into a sound sensation.



Sound level

The way our ears work is not linear, which means that at low intensity even a small difference in acoustic pressure can be heard (one car passing on an empty road at night), while at high intensity a much greater change in acoustic pressure is needed for it to be heard (we can't feel the difference between 100 or 101 cars on the expressway). Therefore, we use a logarithmic scale. In a nutshell, a difference of 10 dB represents a twofold difference in subjectively perceived volume.

Sound sources



24 dB* 300 µPa eaves rustling



55 dB* 11 000 μPa office

80 dB* 200 000 µPa busy street



120 dB* 20 000 000 μPa plane

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Sound frequency

Sound frequency is the number of full vibrations of air molecules per second. The higher the frequency, the higher the sound we hear. As regards acoustics in office spaces and speech intelligibility, the most important frequencies are mid and high.



Reverberation time

Reverberation is the time it takes for sound to fade in a room, for example from clapping to complete silence. The more hard surfaces in a room and the larger its cubature, the longer the reverberation time. Long reverberation time leads to high noise levels and low speech intelligibility. It can be reduced by using sound-absorbing materials.





Reflecion

When an acoustic wave falls on a hard surface, it is reflected. In an office space, reflections are generally a negative phenomenon – for example, they increase the audibility range of conversations in open-plan offices.

Absorption

Sound absorption coefficient (0-1) determines the ability of a material to absorb the energy of an acoustic wave. A value close to 0 characterises hard, smooth materials (e.g. concrete), and a value close to 1 corresponds to thick, porous materials (e.g. foams, nonwovens). Highly absorbent materials reduce the reverberation and noise level in a room.

Low frequencies (50-250 Hz) - ventilation Mid frequencies (250-2500 Hz) - speech V) High frequencies (>2500 Hz) - office equipment

→|…

Insulation

The sound insulation performance of a partition shows the extent to which a material prevents an acoustic wave from permeating it. The higher the insulation performance of the booth walls, the less audible the external noise.

What difference can proper acoustics make?



increases efficiency and precision**

reduces stress**



lowers elevated blood pressure and heart rate**



improves concentration**



reduces discomfort caused by conversations**

How does noise affect us?



decrease in work accuracy**



employees feel discomfort because of noise in the office**



decrease in employee productivity**



it takes approx. 15 min. to return to full concentration

* FIS, The guide to office acoustic, 2015

** Evidence Space, Improving employee productivity by reducing noise, British Gypsum, Coventry, 2015

be:noiseless



Issue - noise and reverberation

In large open spaces, e.g. open-plan offices, sound propagates in all directions from the source and reflects from many hard surfaces (ceiling, walls, floor, hard furniture). This causes noise and unpleasant reverberations that make it difficult to understand your colleagues, especially during online meetings and in other language. In such conditions, it is difficult to keep information confidential, and employees are facing increasing challenges when trying to find a quiet place to make phone calls, meet in small groups or work alone.



Solution No. 1 - acoustic booth

The best way to deal with noise and the lack of a soundproof place for meetings or phone calls is to use acoustic booths. They provide a quiet place for individual focused work, phone calls or video conferences. The booths also serve as a place for integration or rest during breaks. Thanks to high sound insulation parameters inside the booth, the office noise is not bothersome at all and the content of conversations held in the booth is unintelligible to other office users.

Suggested products: Treehouse (THS1, THS2, TH4G), Quadra QDSBG



Solution No. 2 - sound-absorbing panels

Using sound-absorbing wall and ceiling panels to absorb excess reflections of acoustic waves results in reduced noise and increased speech intelligibility. This improves the comfort of work and ensures that meetings and conversations do not disturb other employees. Suggested products: Alberi Wall, Selva Wall, Selva Sky, Selva Hang, Silent Block Wall, Silent Block Sky



Solution No. 3 - acoustic screens

Large conversation ranges and high noise levels in the office can be reduced by using freestanding or desk acoustic screens. They limit sound penetration from one zone to another, so they are ideal for designating individual workstations or zones in open-plan offices. This reduces noise levels and conversation ranges, and office users are less distracted by each other.

Suggested products: Selva Free, Selva Desk, Selva Pod, Alberi Free

be:smart

10 tips for good office acoustics

Find the right acoustic solutions

If you want to find the right acoustic solutions, you first need to carefully analyse the purpose of the office and the nature of the work to be done in it. You should consider what activities are undertaken by the office users, how many phone calls they make, how they communicate and cooperate as well as where they meet to integrate and relax.

2 Proper work zone layout

Proper work zone layout can help improve acoustic conditions. By designating zones for individual work, communication and teamwork and separating them from each other, we automatically create quiet spaces and spaces for conversations. The zones should be so arranged that no one zone reduces the effectiveness of another. Care should be taken to ensure that partitions separating individual zones have high sound insulation performance, e.g. the conversation space can be separated by installing our 4-person acoustic booth Treehouse whose walls significantly reduce the level of sound carried between neighbouring zones.

3 Don't forget the ceiling and walls

In rooms, it is usually most effective to acoustically treat the ceiling and two adjacent perpendicular walls (one of a pair of parallel walls). The solution we recommend is to install Silent Block Sky or Selva Sky panels on the ceiling and Silent Block Wall or Selva Wall on adjacent walls. By using a relatively small number of panels we'll be able to eliminate reverberation, increase speech intelligibility and improve room acoustics without reducing the floor space.



Use soft, porous materials

Sound waves are absorbed by soft, porous materials. Filling an office space with such elements helps to reduce reverberation time, so it is a good idea to install carpet on the floor and acoustic panels on the ceiling (e.g. Silent Block Sky). We recommend that you make sure the rooms are furnished with upholstered furniture (e.g. Ox:co or Lumi chairs, Plint or Quadra modular sofas) and bookshelves that are also able to absorb sound. We especially recommend Saar shelves which, in addition to their classic storage function, also allow the installation of soft upholstered panels on the fronts. Shelves with acoustic panels are a perfect solution for demarcating different zones in the office or separating circulation areas.



Block out excess sound

Ensure that noise sources are screened off, i.e. excess sound is blocked by vertical acoustic screens, e.g. mobile Selva Free screens or hanging Selva Hang screens. Remember that the larger the screen, the more effective it is. Bejot offers acoustic screens in a wide variety of materials, colours and shapes so that they can be adapted to any space.



Isolate the noise sources

The quickest way to improve acoustics in an office is to diagnose major noise sources (e.g. loud office equipment) and effectively soundproof them. The acoustic solutions are the more effective, the closer they are to the noise source so it is worth using acoustic screens and panels near the shredder or printer. For this purpose, we recommend Selva panels with the highest sound-absorbing parameters, the wall and ceiling version.

2

Invest in desk screens

Thanks to their design, they reduce the propagation of sound in the office and at the same time absorb it, helping to reduce noise levels. We recommend Selva Desk screens which, thanks to their double-sided layer of acoustic fleece, absorb sounds from neighbouring workstations. At the same time, they give you the feeling of having your own safe space.

Use acoustic booths

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If you want to ensure your employees have a quiet place for phone calls, video conferences or small business meetings, it's a good idea to use the acoustic booths (Treehouse, Quadra) which ensure appropriate soundproofing and help keep conversations confidential. Bejot acoustic booths are available in different sizes (1, 2 or 4-person) and can be freely configured to suit your own individual needs. **Q**

Create places for individual work

For open space offices, we recommend creating comfortable places for individual work. Standalone workstations such as Selva_pod or Leaf_ pod have high sound insulation performance so the acoustic wave does not spread across the rest of the office quite as easily. This allows employees to work efficiently, maintain high concentration and also feel a sense of privacy and autonomy.

10 Explore our acoustic furniture

Spaces for meetings and brainstorming should be equipped with acoustic furniture which will ensure that discussions do not disturb the other office users. In this case, a perfect solution would be Alberi acoustic screens, Cave highwalled sofas or Social Swing – a construction with suspended armchairs, which is also a very eye-catching element of chillout zones.

Acoustics affect our concentration, productivity and overall comfort of work. Applying the right Bejot solutions and skillfully handling the described phenomena will allow you to create a better acoustic environment and reduce the noise level in the room. It is important to choose solutions that will both work well in a given space and meet the needs of employees.

Need advice on acoustics? Contact our expert to find solutions that will solve your noise problems.

Find the right Bejot product:

Goal	Solution	Suggested products
Reduce excessive reverberation in the room	Sound absorption	Alberi Wall, Silent Block Wall, Silent Block Sky Selva Free, Selva Wall, Selva Sky Treehouse, VooVoo 9xx
Reduce noise range	Screening	Alberi Free, Beachhouse, Cave, Leaf_pod Quadra Phonebox, Quadra Standing Box Quadra, Saar panele, Selva Desk Selva Free, Social Swing, Treehouse, VooVoo 9xx
Reduce sound level	Screening and absorption	Bejot acoustic products in the right configuration
Improve speech intelligibility	Screening and absorption	Bejot acoustic products in the right configuration



colection



be:focus



acoustic booths

treehouse	23
quadra standing box	47



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insulation

absorption



design: Dymitr Malcew



THS 2SF G1 W

Two-way action

Treehouse collection includes 1, 2 and 4-person booths in closed and open style versions. They are a perfect match for open-space offices, as they divide working space and replace conference rooms. Treehouse allows the users to cut themselves off from all the unwanted outside noises, ensuring discretion and privacy. People talking and working in the booths do not disturb those outside them. The man behind the Treehouse collection is Dymitr Malcew, a Polish designer with international experience. He breaks down the boundaries between the workspace and the comfortable home zone in his works.











insulation

absorption



Excellent sound insulation performance of the booth

Based on years of experience in acoustic design, the Treehouse has been specially developed to provide a very high weighted sound reduction index of 31dB*. An independent research centre has confirmed the properties of the booth. The Treehouse's excellent sound insulation performance limits excess stimuli, thus reducing fatigue and stress.

* Test results for a one-person TH booth (THS 1T G2).





THS 1T G1 + THS 1S G2 + THS 1S G1 W



Efficient ventilation system

An efficient ventilation system with quiet fans with high airflow ensures ultimate comfort. The exchanged air volume is optimised, and the fan noise does not disturb conversations. The fans continue to work for up to 3 minutes after the user leaves the booth, guaranteeing the next person fresh air, free from bacteria and viruses.

Energy-efficient LED lighting

Air purifier

Tablet or phone stand

Comfortable telephone booth

The one-person Treehouse is most often used as a telephone booth, as it guarantees complete confidentiality of the conversation. The booth can be glazed on both sides or closed on one side with an upholstered acoustic wall to enhance the acoustic performance further.

*55 dB -> 26 dB \approx 6-fold reduction in perceived sound level

Equipment ideal for conversations

The booth has ultra-quiet fans and energy-efficient LED lighting to create a comfortable environment for making phone calls. A tabletop with a mediaport or inductive charger will increase the convenience of use, so we can avoid having our phone battery die. The booth can be empty or equipped with a bar stool.

Inductive charger

Mediaport with voltage socket 230 V or mediaport 2 x USB

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absorption

insulation

THS 2SF G2 W

A meeting place

The 2-person Treehouse is ideal for open-plan offices, providing an acoustically isolated space and replacing conference rooms. The acoustic booth provides excellent protection from office noise, offering a quiet place to talk on the phone or work in a focused manner. At the same time, the conversation carried out in the booth is muted and does not disturb other people in the office and remains confidential.

Configuration options available: 1. Booth without seats (THS 2T G1/G2) 2. Booth with bar stools (THS 2S G1/G2)

3. Booth with sofas (THS 2SF G1/G2

Equipment as needed

The multitude of options for equipping the booth interior makes it possible to create an arrangement tailored to user needs. This Treehouse model can be fitted with bar stools or comfortable sofas - depending on if it is intended for short conversations or long hours of work in a 2-person team. The booth can be glazed on both sides or closed on one side with an upholstered acoustic wall to enhance the acoustic performance further.

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Efficient ventilation system for 2 persons

An efficient ventilation system with quiet fans and high airflow ensures total comfort for 2 people using the booth. The exchanged air volume is optimised, and the fan noise does not disturb conversations. The fans continue to work for up to 3 minutes after the users leave the booth, guaranteeing the next person fresh air, free from bacteria and viruses.



Mediaport - 1 voltage socket 230 V + 1x HDMI + 2x USB charger + TV adapter



Smooth regulation of light intensity and ventilation



Air purifier



Concealed audio system with Bluetooth® control



Transport wheels for easy relocation of the booth

Functional technological solutions

A mediaport mounted in the multimedia panel is standard equipment, thanks to which we can connect the equipment needed for online conferences or charge the phone. You can increase the functionality of the booth with an audio system with a mono amplifier and Bluetooth® control and an air purifier with a capacity of up to 6.5 m³/h.











absorption

insulation



Options

The 4-person Treehouse booths were created to provide a space in a noisy office or crowded public space that enables users to work in a focused manner. This model of the acoustic booth is an ideal place for smaller meetings and can be a mini-conference room. You can comfortably conduct a multimedia presentation, teleconference, training course or a recruitment interview in it. The 4-person Treehouse comes in a semi-open or closed version - with single or double-sided glazing.



TH 4 G1/G2 THW 4 G1/G2 A: 2100 B: 1620 C: 2225



Acoustic infill

We use fleece with superior sound-absorption properties. Almost 80% of its composition is recycled material - used clothes and waste from denim manufacture.

Materials

Most of our wood component suppliers are FSC (Forest Stewardship Council) certified, which ensures that the wood we use comes from forests managed with respect for people, wildlife and the environment.



Toughened safety glass for Treehouse walls and doors

Toughened acoustic glass

The Treehouse booths use special laminated glass with improved sound-insulating properties (Rw=38 dB) that meet the requirements of EN ISO 10140 and ISO 717-1. An additional

advantage of this glass is its superior durability and safety. In the event of an impact, the glass breaks into tiny pieces but still forms a sheet and does not pose a risk of injury.



Equipment flexibility

The Treehouse booth can be ordered without integrated furniture and configured to suit your individual needs. Depending on the situation, you can add poufs, chairs, armchairs, or a small sofa. A wide range of durable materials and fabrics allows you to configure a piece of furniture perfectly suited to your needs.





ACOUSTIC PARAMETERS



Speech level reduction: 29.2 dB

The higher this value, the less audible the conversation in the booth.

The speech level reduction parameter indicates to what extent the booth absorbs the person's voice talking inside (e.g. on the phone), i.e. how many dB quieter their voice can be heard outside the booth. The phone conversation volume level is approx. 55 dB on average. If it is reduced by approx. 29 dB with an acoustic booth, it will only be heard at a level of 26 dB outside. This



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absorption

insulation

*55 dB -> 26 dB ≈ 6-fold reduction in perceived sound level

is below the standard office background sound level, which is around 35-40 dB. Thus, under typical office conditions, the voice of a person talking on the phone in a booth blends into the office acoustic background. As a result, the content of the conversation is unintelligible to the people outside the booth.



ACOUSTIC PARAMETERS

to PN-EN ISO 11957 [dB]

Sound insulation performance acc.

45 40

35

30

of outside noise.



insulation

absorption

*55 dB -> 24 dB ≈ 6-fold reduction in perceived sound level

the booth. As a result of tests carried out by an independent research and development centre, we have achieved a very high, weighted sound reduction index for Treehouse booths, which puts us at the forefront of acoustic furniture on the market.



This parameter describes the difference between the noise outside and the sound level inside the booth. It indicates by how

100 125 250 250 250 550 630 630 630 630 630 12500 10000 10000 10000 10000

Weighted sound reduction index: 31dB The higher the value, the better the reduction

Frequency [Hz]

0000



Reverberation time inside the booth: 0.13 s

The lower this value, the more comfortable telephone and video conferencing is (recommended value for closed rooms <0.6 s).

The length of the reverberation time affects speech intelligibility. The reverberation time tells us how long the sound fades in a room. In the case of speech, e.g. in an office or a conference room, too long a reverberation time can reduce understanding. Speech is



clearer in rooms with short reverberation times. The use of materials with high sound absorption means that a sound wave reflected from such material has less energy than one reflected from a rigid material.

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ACOUSTIC PARAMETERS



Sound level of the fans inside the booth: 39 dB (comparable to quiet birdsong)



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absorption

insulation

Sound level of the fans outside the booth: 23.3 dB (comparable to the gentle rustling of leaves)



Thanks to high-quality fans, the sound they generate outside is virtually inaudible to other office users. The 23 dB level can be compared to the rustle of leaves, making the sound practically blend in with the acoustic background of the office space. The ventilation ducts in the Treehouse have been dampened, and the fans have been selected not to generate excessive noise inside the booth. In Treehouse booths, you can only hear a quiet, unobtrusive hum, allowing you to talk comfortably.

ACOUSTIC PARAMETERS



Absorption by the external surface of the booth: 0.45 The higher the value, the greater the noise and reverberation reduction in the room in which the booth stands.

Unlike most booths on the market, the upholstered panels of the Treehouse are filled with a unique acoustic fleece to reduce reflections in the room. This reduces the noise in the office. **The THS1 Treehouse brings approx. 5 m2 of acoustically absorbing surface area into the room, which is equivalent to three large Selva Wall panels –1200 x 1200 mm*.**



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absorption

insulation

For larger booths (e.g. TH4 Treehouse), it can be equivalent to six large Selva panels. This is an additional benefit and saving for the user.



Tested parameter	Tested Sound arameter performance reduction of the booth		Reverberation time inside the booth	Sound absorption coefficient	Sound absorption class	Noise level of the fans outside the booth	Noise level of the fans inside the booth
Result for Treehouse acoustic booth	31 dB	29,2 dB	0,13	0,45 D		23,3 dB	39 dB
Recommen- ded value	≥ 28 dB	≥ 25 dB	≤ 0,6	≥ 0,3	D class or higher	≤ 30 dB	≤ 42 dB
Explanation	The higher the value, the better the external noise reduction	The higher the value, the less audible the con- versation in the booth	The lower this value, the more comfort- able telephone and video conferenc- ing is	The higher the value, the greater the noise and reverberation reduction in the room where the booth is	The higher the class, the greater the noise and reverberation reduction in the room where the booth is	The lower the value, the less au- dible the sound of the fans outside	The lower the value, the less audible the sound of the fans inside the booth
Standard	PN-EN ISO 11957:2010 PN-EN ISO 717-1:2013	ISO 23351-1:2020	PN-EN ISO 3382-2	PN-EN ISO 354:2005 ISO 20189:2018	PN-EN ISO 354:2005 PN-EN ISO 11654:1999	PN-EN ISO 3741-1:2011	PN-EN ISO 3741-1:2011

Test results for Treehouse - THS 1T G2.



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absorption



quadra standing box

design: Bejot Development Team



What does silence sound like?

Open-plan offices mean more space, more light and... more noise disrupting work. Every day, employees face increasing challenges in finding a quiet place to make phone calls or do individual work. The Quadra acoustic booth meets the needs of users of large, bustling offices and provides a quiet and isolating environment thus guaranteeing comfort and discretion. The Quadra Standing Box offers a fully functional space for increased productivity with its ventilation and lighting solutions. For your convenience, the booth has been fitted with a power socket, allowing you to use your computer or charge your phone even for hours.



QD SBG A: 1120 B: 850 C: 2210



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acoustic booths

Toughened acoustic glass

The glass doors are made of toughened, laminated glass with enhanced sound insulation properties (Rw=38 dB), which meets the requirements of EN ISO 10140 and ISO 717-1. An additional advantage of this glass is its superior durability and safety. In the event of an impact, the glass breaks into tiny pieces but still forms a sheet and does not pose a risk of injury.



Standard installation

The standard equipment includes energy-efficient LED overhead lighting and a ventilation system coupled with a motion detector.

Quiet ventilation system

The Quadra is equipped with an efficient ventilation system. Low-noise fans with high airflow were used. The air volume has been adjusted to ensure optimum user comfort.



QD SBG E

without seat, without 3D panels



QD SBG S

with seat, without 3D panels



QD SBG SP

with seat, with 3D panels

Types of Quadra Standing Box



Optional equipment

Quadra acoustic booths offer many optional equipment options that significantly increase their functionality, an inductive charger, phone or tablet stand and an air purifier.



Transport wheels for easy relocation of the booth

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quadra standing box



ACOUSTIC PARAMETERS

Quadra Standing Box

Sound insulation performance acc. to PN-EN ISO 11957



Quadra Standing Box

Reverberation time in a booth acc. to PN- EN ISO 3382-2 [s]



Special multi-layer acoustic design

When designing the Quadra Standing Box, we took into account that it must dampen noise from the outside but also absorb the sounds of conversation inside. For this purpose, we have developed special multilayer walls. They consist of a support structure of high mass and high acoustic insulation, which are covered on both sides with acoustic fleece and fabric. This allows the user to have a conversation in the booth in a comfortable, quiet environment without worrying about disturbing other office workers.



A fabric B acoustic fleece C acoustic support structure

quadra standing box

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insulation

absorption

ACOUSTIC PARAMETERS



Thanks to the solutions and acoustic materials used, the Quadra Standing Box guarantees the confidentiality of your conversations, while the optimal reverberation time inside the box makes them comfortable. The upholstered, multi-layered walls of the Quadra Standing Box offer a high level of sound absorption, reducing noises coming from outside and sounds leaving the box.





be:isolated



panels / screens / absorbers

alberi	55
selva free	6
selva wall	65
selva hang	7
selva sky	75
selva desk	77
selva pod	83
silent block wall	95
silent block sky	99



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insulation

absorption





Biophilia in the office

Alberi is a collection of highly configurable acoustic panels. Trees inspired the biophilic shape, and the textures and colours relate to the seasons. Alberi is an excellent

alternative to standard acoustic panels as, in addition to their acoustic properties, they also provide a pleasant visual experience and rest for the eyes.





AL PSC 1580 AL PSC 1110

A: 1330 A: 1060 B: 28 C: 1610 B: 28 C: 1130

alberi free

Alberi free is a free-standing acoustic screen in 2 sizes with 3 embossing patterns available. The sturdy metal frames are powder-coated and allow stacking up to 6 screens.







easy stacking up to 6 screens

alberi wall

Alberi Wall is an acoustic wall panel designed for mounting on walls. Thanks to special mounting rails, an original configuration can be created easily and quickly (dedicated mounting rails and hangers allow mounting at a distance of 20 or 50 mm from the wall). Panels are available in 2 sizes and 3 embossing patterns.





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alberi free

ACOUSTIC PARAMETERS

Alberi Free

Sound absorption coefficient $\alpha_{_{S}}$ acc. to PN-EN ISO 354:2005.

Alberi Free

Equivalent sound absorption area of a single object A_{obj} acc. to PN-EN ISO 354:2005*.

absorption

insulation



Tested	Sound absorption coefficient α	Sound absorption class
parameter	acc. to PN-EN ISO 354:2005	acc. to PN-EN ISO 11654:1999
Alberi Free	0,3 (H)	D

alberi wall

ACOUSTIC PARAMETERS

Alberi Wall

Sound absorption coefficient $\alpha_{_{\rm S}}$ acc. to PN-EN ISO 354:2005*.



Tested	Sound absorption coefficient α	Sound absorption class
parameter	acc. to PN-EN ISO 354:2005	acc. to PN-EN ISO 11654:1999
Alberi Wall	0,5 (MH)	D

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absorption







insulation

absorption



3x SV SC800T + 3 x CD IN 180 + 2 x SV CP

Make yourself comfortable at work

Selva Free is the answer to the need to achieve greater comfort by improving the acoustic environment in the office. The products in this collection are not only suitable for use between workstations but also as additions to the interior intended to absorb sounds generated by noisy office equipment or colleagues. The screens are certified for Class A sound absorption, thus significantly improving the acoustic properties of an interior.



The screens are available in 2 shapes and a variety of sizes, with numerous colour options to suit any office. The products can function individually or form extended, modular screens.

Connectors:

62

SV CP















CD IN 90

CD IN T

CD IN 135

CD OUT

CD IN 180

SV BC

SV BC1

SV BCW







design: Ronald Straubel



Effective elimination of reverberation

Selva Wall are acoustic panels in the shape of a rectangle, square or circle, mounted on a wall using hangers or mounting rails. The highest class of sound absorption enables annoying reverberation to be effectively eliminated with the use of a small number of panels. Shorter reverberation times mean lower noise levels and higher speech intelligibility.



 SV PSCD6 / SV LD R60
 SV PSCD12 / SV LD R120

 A: 600
 A: 1200

 B: 50
 B: 50

C: 1200

Ē

SV PSC12/ SV LD S120	SV PSC6 / SV LD S60	SV PSC18 / SV LD RC180
A: 1200	A: 600	A: 600
B: 50	B: 50	B: 50
C: 1200	C: 600	C: 1800



SV PSCD6

Functional office decoration

Panels come in a variety of shapes and sizes as well as a wide range of fabrics and colours. Selva Wall enables the creation of colourful compositions that make up a unique decoration and enrich the aesthetics of an interior, while also significantly improving the acoustics of the office.





selva wall led



Selva wall panels can feature LED strip backlight. This means that they perform acoustic and decorative lighting functions at the same time.

Selva LED is equipped with:

- 20 or 50 mm thick fixing elements for hanging
- on a wall mounting rail

- LED strip 3000 K or 4000 K light source
- 12 V 20 W power supply
- cord connecting the LED strip to the power supply
- 3 m power cord with 230 V plug







absorption

insulation



2 x SV HN 12 H6

Wide range

Selva Hang is a hanging acoustic screen mounted to the ceiling with an aesthetically pleasing fixing system and mounting cables. They are available in many sizes and are the perfect product for zoning the space and reducing noise. A wide range of different fabrics and colours enables the matching of the panels to any interior, regardless of the leading style.

		SV HN 12 H5	SV HN 12 H6	SV HN 6 H5	SV HN 6 H6	SV HN 5 H5	SV HN 5 H6	SV HN 5 H12	SV HN 6 H12
с		A: 1200 B: 44	A: 1200 B: 44	A: 650 B: 44	A: 650 B: 44	A: 500 B: 44	A: 500 B: 44	A: 500 B: 44	A: 650 B: 44
' =	_	C: 500	C: 650	C: 500	C: 650	C: 500	C: 650	C: 1200	C: 1200
A	В								



4 x SV HN 5 H5





SV HN 5 H5

SV HN 5 H6

SV HN 5 H12



2 x SV HN 12 H6




acoustic panels Selva Sky 2 x SV PSF12 + 3 x SV PSF 16 + Orte OT 5R, table OT 2Q, shelf Saar hang SMH 4x2







SV PSFD12

Freedom of arrangement

Selva Sky acoustic panels make it possible to significantly improve the acoustics of offices and meeting rooms without reducing their floor space. Thanks to their superior sound absorption, the panels effectively reduce ceiling reflections, thus eliminating annoying reverberation. Shorter reverberation times mean lower noise levels and higher speech intelligibility. The panels are mounted to the ceiling with dedicated cables.







design: Bejot Development Team



insulation

absorption



SV DK160 H1 + TB HR16 D80

Multi-purpose desktop screens

Selva Desk are acoustic screens mounted directly to the desk. Thanks to their design, they reduce the propagation of sound in the office and at the same time absorb it, helping to reduce noise levels. Universal brackets enable the mounting of the screens to almost any tabletop or structure.



Justomiseu ut	ijustuble tubles	
SV HR12 D70	SV HR14 D70	SV HR16 D70
A: 1180	A: 1380	A: 1580
3: 700	B: 700	B: 700
C: 610-1260	C: 610-1260	C: 610-1260



SV DK80 H1 SV DK80 H2 SV DK120 H1 SV DK120 H2 SV DK140 H1 SV DK140 H2 SV DK160 H1 SV DK160 H2 SV DK180 H1 SV DK180 H2

A: 800	A: 800	A: 1200	A: 1200	A: 1400	A: 1400	A: 1600	A: 1600	A: 1800	A: 1800
B: 30	B: 30	B: 30	B: 30	B: 30	B: 30	B: 30	B: 30	B: 30	B: 30
C: 500	C: 650	C: 500	C: 650	C: 500	C: 650	C: 500	C: 650	C: 500	C: 650



SV U15 / SV U45



SV UW

Universal brackets

Universal brackets enable the mounting of the screens to almost any tabletop or structure. The dimensions of the product were matched to standard desk sizes so that the screens can be installed both along the length of the desk and on its sides.





SVD O PK

SVD O DL



SVD O OH



SVD O MB



SV DK140 H2 + SV DK80 H2 + TB HR14 D80

Useful accessories

With the practical mobile accessories that can be hung on top of the screens, the functionality of the Selva Desk can be increased. Particularly useful are a magnetic board and hooks for keys and office supplies.









insulation

absorption





System for special tasks

Selva Pod is an acoustic wall system that creates an open booth on one side and allows for greater acoustic isolation of the workstation in open space offices. The construction of the walls and the sealing connection system reduce the noise level and range even in large call centres. Selva Pod makes it possible to mount the desktop directly on the booth walls, thus saving on desk construction and at the same time, the user can enjoy a quieter, separate space in the office and have more privacy.



 Customised adjustable tables

 SV HR12 D70
 SV HR14 D70
 SV HR16 D70

 A: 1180
 A: 1380
 A: 1580

 B: 700
 B: 700
 B: 700

 C: 610-1260
 C: 610-1260
 C: 610-1260





selva

ACOUSTIC PARAMETERS



insulation

absorption

Classification of sound absorbers

It is based on the sound absorption coefficient a_w according to EN ISO 11654. Acoustic materials and products are divided into 5 classes from A to E. Class A indicates the highest sound absorbing properties. Products with a_w < 0.15 are not classified as sound absorbers.

Sound absorption class	Sound absorption coefficient a _w
A	0,90 - 1,00
В	0,8 - 0,85
C	0,60 - 0,75
D	0,30 - 0,55
E	0,15 - 0,25
Not classified	0,00 - 0,10

Tested parameter	Sound absorption coefficient $\alpha_{\rm w}$ according to PN-EN ISO 11654:1999	Sound absorption class acc. to PN-EN ISO 11654:1999	Weighted acoustic efficiency of screen acc. to Annex B PN-ISO 10053:2001 [dB]
Selva Free	0,6 (MH)	С	8*
Selva Wall	0,9	А	-
Selva Sky	0,9	А	-
Selva Desk	0,25 (H)	E	-

86

 * for a screen with a height of 1360 mm

selva free

ACOUSTIC PARAMETERS

Selva Free

Sound absorption coefficient $\alpha_{_{\tilde{\alpha}}}$ acc. to PN-EN ISO 354:2005

Sound absorption coefficient α_s acc. to EN ISO 354:2005.



Equivalent sound absorption area of a single object A $_{\rm obj}$ acc. to PN-EN ISO 354:2005 [m2]*.

- -

absorption

insulation



Selva Free

Acoustic efficiency of the screen under standard laboratory conditions acc. to PN-ISO 10053:2001 [dB]**.





*result for Selva SV SC800 **result for Selva SV SC800 with a height of 1360 mm

selva wall

ACOUSTIC PARAMETERS

Selva Wall

Sound absorption coefficient $\alpha_{_{\rm S}}$ acc. to EN ISO 354:2005.

absorption

Selva Wall

Equivalent sound absorption area of a single object A_{obj} acc. to PN-EN ISO 354:2005 [m²]*.



Wall panels reduce the reflection of sound waves from walls and effectively eliminate reverberation.

A fabric **B** acoustic fleece C supporting structure

selva hang

ACOUSTIC PARAMETERS

Selva Hang

Equivalent sound absorption area of a single object A_{obj} acc. to PN-EN ISO 354:2005 [m²]*.





- - -

absorption

insulation

A fabric B acoustic fleece C insulating core

*Value estimated for SV HN 12 H6



Hanging screens limit the propagation of sound waves in the room, so the conversation and noise range is reduced.

selva sky

ACOUSTIC PARAMETERS

Selva Sky

Sound absorption coefficient $\alpha_{_{\rm S}}$ acc. to EN ISO 354:2005.

acc. to PN-EN ISO 354:2005 [m2]*. 1,4

Equivalent sound absorption area of a single object $A_{_{obj}}$

Selva Sky







Frequency [Hz]

Selva Sky ceiling panels reduce troublesome ceiling reflections and help to reduce reverberation frequent with solid concrete ceilings.

-

с

Α

в в

Α

A fabric **B** acoustic fleece C supporting structure

selva desk

ACOUSTIC PARAMETERS

Selva Desk

Sound absorption coefficient α_s acc. to EN ISO 354:2005.

Selva Desk

Equivalent sound absorption area of a single object A $_{\rm obj}$ acc. to PN-EN ISO 354:2005 $[m^2]^{\star}.$

. . .

absorption

insulation



Thanks to its insulating and absorbing design, the sound is carried to a lesser extent between workstations. What's more, it is absorbed close to the source and not just redirected as with hard partitions.

A fabric B acoustic fleece C insulating core Б







design: Bejot Development Team



Variety of shapes

Silent Block is an acoustic solution that makes choosing the proper shape of the panels for the interior child's play without compromising excellent acoustic performance. The lightness of the panels makes them ideal not only as wall panels but also as ceiling panels and provides the opportunity to create countless creative arrangements.





silent block wall

absorption





В



A: 1325

B: 50 C: 870

A: 970

B: 50 C: 895



SBW H60 SBW H30 SBW H20 A: 1110 A: 600 A: 400 B: 50 C: 520 B: 50 C: 970 B: 50 C: 347

	Ē		
SBW R60	SBW R120	SBW R120H	SBW R60H
A: 600 B: 50 C: 600	A: 1200 B: 50 C: 1200	A: 600 B: 50 C: 1200	A: 300 B: 50 C: 600



silent block wall led

Decorative backlight

Silent Block LED panels can be mounted at a distance to the wall and illuminated with energy-efficient LEDs. This means that they perform acoustic and decorative lighting functions at the same time.

available shapes silent block wall / silent block wall led







class A



absorption



Ceiling panels

Silent Block Sky acoustic panels are cord-mounted to the ceiling, allowing significant improvement of the acoustics

of offices and meeting rooms without reducing the floor space.



A: 1110 B: 50 C: 970 A: 970 B: 50 C: 890

A: 1325 B: 50

C: 870

SBS R120

с

в

A: 1200 B: 50 C: 1200

silent block wall

ACOUSTIC PARAMETERS

Silent Block Wall

1,2

1

0,8

0,6

0,4

0,2

0

Sound absorption coefficient α_{s} acc. to PN-EN ISO 354:2005

Sound absorption coefficient α_s acc. to EN ISO 354:2005.

Frequency [Hz]

Silent Block Wall

Equivalent sound absorption area of a single object A_{abj} acc. to PN-EN ISO 354:2005 [m²]*.



*result for Silent Block Wall SBW RC120





Tested parameter	Sound absorption coefficient a according to PN-EN ISO 11654:1999	Sound absorption class acc. to PN-EN ISO 11654:1999	
Silent Block Wall	0,85 (H)	В	

A fabric B acoustic foam C supporting structure

silent block sky

absorption

ACOUSTIC PARAMETERS

Silent Block Sky

1,2

1

0,8

0,6

0,4

0,2

0

Sound absorption coefficient $\alpha_{_{5}}$ acc. to PN-EN ISO 354:2005

Sound absorption coefficient α_{s} acc. to EN ISO 354:2005.

Silent Block Sky

Equivalent sound absorption area of a single object $A_{_{obj}}$ acc. to PN-EN ISO 354:2005 [m²]*.





Frequency [Hz]





A fabric **B** acoustic foam C supporting structure

Tested parameter	Sound absorption coefficient a according to PN-EN ISO 11654:1999	Sound absorption class acc. to PN-EN ISO 11654:1999	
Silent Block Sky	0,9	А	

be:calm



acoustic furniture

treehouse	105
beachhouse	11
booi workstation	115
cave	119
leaf_pod	123
plint	135
quadra	143
saar	153
social swing	159
voo voo 9xx	165







insulation

absorption



TH 2SC + T

Cosy meeting place

TH2 Treehouse is a functional piece of acoustic furniture for two people, with which you can create a space for cosy meetings. It provides respite and reduces noise, as the panels used on the walls are filled with a special fleece with a high sound absorption coefficient. This piece of furniture is available in an open version or with a back wall and media panel; additional equipment includes a pouf or a table.





TH 2 + TH PF

Mobility

Thanks to special castors, the Treehouse can easily be moved to any place in the office. The acoustic fleece used

in Treehouse walls has excellent acoustic properties and includes 80% recycled material.



treehouse


treehouse

ACOUSTIC PARAMETERS

Treehouse

Equivalent sound absorption area of a single object A_{obj} acc. to PN-EN ISO 354:2005 [m²]*.



*Value estimated for TH 2SC





A fabric B acoustic fleece C isolating structure



insulation

absorption



→|…

insulation

absorption

beachhouse

design: Dymitr Malcew



Get into the summer spirit

Based on a biophilic philosophy, the Beachhouse design takes its shape from roofed wicker beach chairs, bringing a summer and beach fun mood into the indoor environment. The Beachhouse creates a quiet place for conversation or chillout with high walls, a canopy and acoustic foam. Sharing a common space allows people to have direct contact and "break the ice" while providing soothing silence.



BH W



ΒH

I F			BH
			A: 1932
			B: 783
[[J LJ	C: 1928
-			
	A	В	

BH W A: 1946 B: 790 C: 1933

112 acoustic furniture

beachhouse

ACOUSTIC PARAMETERS

Beachhouse

Equivalent sound absorption area of a single object A_{obj} acc. to PN-EN ISO 354:2005 [m²]*.





A fabric B acoustic foam C supporting structure



The Beachhouse creates a quiet place for conversation or chillout with high walls, a canopy and acoustic foam.





design: Bejot Development Team



insulation

absorption



BO S BASE + BO S CHAIR + LM

Individual workstation

Booi Workstation is a compact, all-in-one acoustic furniture piece that offers comfortable seating, acoustic muting, energy-efficient lighting and a comfortable, adjustable tabletop where you can place your computer or phone or put down your coffee mug. This piece of furniture makes it possible to arrange a private area where you can separate yourself from the hustle and bustle of your surroundings. The rounded form of the acoustic wall shields you from almost all sides, protecting you from excessive noise and giving you a respite from the background chatter. At the same time, the unique armchair, refined in every detail, guarantees comfort and convenience.



BO BS BASE + BO S CHAIR A: 1430 B: 1000 C: 1310



booi workstation



Booi workstation

Equivalent sound absorption area of a single object $\rm A_{\rm obj}$ acc. to PN-EN ISO 354:2005 $\rm [m^2]^*.$





A fabric B acoustic fleece C insulating core



A moment of respite

Booi workstation walls absorb sound, thus significantly reducing the noise level and providing optimal conditions for relaxation or solo work. The adjustable top, charger and lamp make it the perfect place to work, read a book or relax while waiting for a plane or train.

...

absorption

insulation





insulation

absorption







Acoustics & modularity

CV WW

The Cave is modular seating with acoustic walls that can be connected together in a cave-like fashion. It was designed for employee integration, strategy planning and creative solutions. Carefully selected components, shapes and fabrics ensure good acoustics, while the variety of modules provides a wide range of design options.





CV TB L

CV TB H





cave

ACOUSTIC PARAMETERS

Cave

Equivalent sound absorption area of a single object $\rm A_{\rm obj}$ acc. to PN-EN ISO 354:2005 $\rm [m^2]^*.$



Comfortable teamwork

The Cave is the perfect place for brainstorming and effective exchange of ideas. The high walls and recycled acoustic fleece will ensure that the chatter is less likely to spread around the office, and your team will not be distracted by excessive outside noise.

...

absorption

insulation



→|… insulation absorption





A versatile, modular system

Open space with private space for individual work is no longer a dream but a reality within reach. The modularity of the Leaf_pod system makes it possible to arrange the office to suit the needs stemming from the teamwork or individual work tasks. Leaf_pod walls provide high-performance sound shielding so that sound waves propagate the rest of the office to a lesser extent, and the range of conversation noises is reduced. This enables you to work efficiently, stay focused and conduct meetings comfortably.







LPS FM H1

LPS ST H3 A: 1310 B: 1490 C: 2100 **LPS FS H1** A: 1310 B: 1060 C: 1310 LPS SN H1LPS FM H1A: 3800A: 1710B: 1310B: 1060C: 1310C: 1310

 LPS FXL HI
 LPS DB HI
 LPS SN2 HI
 LPS MN2 HI

 A: 2120
 A: 2970
 A: 2550
 A: 2570

 B: 1710
 B: 1710
 B: 1310
 B: 1710

 C: 1310
 C: 1310
 C: 1310
 C: 1310





LPS ST H3







LPS MN2 H1



acoustic furniture

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LPS BR H3LPS CH1 H1A: 2960A: 2120B: 2110B: 1710C: 2100C: 1310

Leaf_pod - indivodual configuration A: 2120 B: 2110 C: 1310

collaboration



Collaboration zone

The Leaf_pod furniture collection allows you to combine modules according to your needs. A short project meeting for a small team is best held in the brain storm_pod. A cosy space integrates and builds a sense of security, unleashing the team's creativity. A meeting with a client requires a suitable setting. Comfortable chat_pod sofas facing each other will make the conversation easier and friendlier, while the possibility of projecting a presentation on a monitor will make the meeting more effective.







option of a mediaport integrated into sofa or tabletop





LPS SC S H1



 LPS SFF 100
 LPS SFF 110
 LPS SFF

 A: 1200
 A: 1200
 A: 1200

 B: 650
 B: 650
 B: 650

 C: 450
 C: 820
 C: 820

 D: 450
 D: 450
 D: 450

LPS SFF 112	LPS SFF 210	LPS SFF 332	L
A: 1200	A: 1600	A: 2000	,
B: 650	B: 650	B: 650	E
C: 820	C: 820	C: 820	(
D: 450	D: 450	D: 450	[

 LPS SFF 322
 LPS SFF 300

 A: 2000
 A:2000

 B: 650
 B: 650

 C: 820
 C: 450

 D: 450
 D: 450



recharge



2 x LP SFF 220 + LP LTB 60-2

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leaf_pod

ACOUSTIC PARAMETERS

Leaf_pod

Sound absorption coefficient α_{s} acc. to EN ISO 354:2005.







Leaf_pod

Equivalent sound absorption area of a single object A_{obj} acc. to PN-EN ISO 354:2005 [m²]*.

. . .

absorption

insulation



*result for a 1.6 x 0.65 m wall

Arrangement of desks in an open-plan office space without acoustic solutions.

If the sound wave propagates without hindrance, the office is noisy and conversations can be heard even from a distance. This has a negative impact on the concentration and efficiency of office users.

Arrangement of desks in an open-plan office space with Leaf_pod acoustic walls.

The walls of the Leaf_pod structure are an effective barrier to sound waves – the noise level is lower and the range in which conversations are heard is reduced. The office is more quiet and its users can work in full concentration.



A	fabric
В	acoustic fleece
С	insulating core

	Tested parameter	Sound absorption coefficient a according to PN-EN ISO 11654:1999	Sound absorption class acc. to PN-EN ISO 11654:1999
	Leaf_pod	0,25 (H)	E





insulation

absorption





Modular sofas

Based on years of experience in the production of office seating and acoustic furniture, we have developed the ideal modular system with walls filled with high-quality acoustic foams. Plint will come in handy wherever there is a need to create a cosy space for relaxation, tranquility, or a casual workplace. Its timeless form will work well in offices, public places, and at home.



PL 30 SSS + PL WL + PL WB 20





PL: A:1 B:7 C:1



PL 20 SS + PLWR + PLWL + PL WB 20 A: 1580 B: 790 C: 1230 PL 20 SSS + PLWR + PLWL + PL WB 30

PL 20 SSS + PLWR + PLWL + PL WB 30 A: 2330 B: 790 C: 1230



PL 10 S + PL WR + PL WL + PL WB 10



PL 20 SS + PL WR + PL WL + PL WB 20





PL 20 SS + PL WR + PL WL + PL WB 20



PL 15 SAB + PL WR + PL WL + PL WB 15 C + PL 10 P pouf





plint

ACOUSTIC PARAMETERS

Plint

Equivalent sound absorption area of a single object $A_{_{obj}}$ acc. to PN-EN ISO 354:2005 [m²]*.



*Value estimated for 6xCV STR + 2xCV 60 system.



A fabric B acoustic foam C insulating core



absorption

→|…

insulation

High acoustic quality

Plint walls are of high acoustic quality, ensured by the use of sound-absorbing foam hidden under the upholstery. The walls limit the amount of external sound and noise reaching the user and ensure the confidentiality of conversations.



→ →|…

insulation

absorption





QD PO 690 + QD C + QD SC 690 V2 + QD SC 720 V2

Universal modular system

A collection dedicated to public areas, open-plan offices, shopping centres, healthcare facilities, waiting rooms and hotel foyers. Quadra is a modular seating system with almost numerous possibilities of configuration. The collection includes single and multi-person modules with the function of a sofa or a pouf. They can be joined at a right angle or in a curve. In addition, a tabletop and 1230 mm high upholstered acoustic walls can be fitted to the backrest or side.



- 19월 - 1999년, 1999년 2월 19월 19월 19일 - 19

3x QD RO 45 M IN + 3x QD SC R



QD PO 1650 + QD RO 45 S + QD SC R + QD PO 690 + QD SC 690 V2

Cosy spaces

Thanks to the acoustic walls, the sets can be freely configured, creating a cosy space for conversation or work. The walls are covered with a special acoustic fleece to improve the comfort of conversations in the office and reduce noise.


The QD SCR acoustic wall can be fitted to modules with QD RO 45 S OUT and QD RO 45 M IN backrests.



QD PO 690 + 3 x QD SC690 V2 A: 750 B: 690 C: 1370



QD PO 1650 + 2 X QD SC 690 V2 + QD SC1650 V2 A: 1710 B: 690 C: 1370

Quadra Phonebox

acoustic furniture 146

Acoustic booths are available in many material versions - you can choose the colour and type of upholstery and metal finish according to the Bejot pattern book.



Quadra Phonebox 2 x QD PB + QD PB R







quadra phonebox

ACOUSTIC PARAMETERS

Quadra Phonebox

Sound absorption coefficient $\alpha_{_{\rm S}}$ acc. to EN ISO 354:20055



Quadra Phonebox

Equivalent sound absorption area of a single object A_{obj} acc. to PN-EN ISO 354:2005 [m²].





Acoustic efficiency of the screen under standard laboratory conditions acc. to PN-ISO 10053:2001 [dB].

insulation

absorption



Need for tranquility

Quadra responds to the needs of users of large, noisy spaces and guarantees individual space for video conferencing or phone calls. It reduces external sounds, thus ensuring comfort and discretion.



A fabric B acoustic fleece C hard core

Tested parameter	Sound absorption coefficient a according to PN-EN ISO 11654:1999	Sound absorption class acc. to PN-EN ISO 11654:1999	Weighted acoustic efficiency of screen acc. to Annex B PN-ISO 10053:2001 [dB]
Quadra Phonebox	0,35 (H)	D	20

quadra

ACOUSTIC PARAMETERS

Quadra acoustic walls for sofas

Equivalent sound absorption area of a single object A_{obj} acc. to PN-EN ISO 354:2005 [m²].





A fabric B acoustic fleece C insulating core

The Quadra collection has two acoustic functions – it screens and absorbs sound waves. Thanks to high walls attached to Quadra sofas, it is possible to create a comfortable space in which conversations can are kept confidential and office noise is less audible. The sofas are covered with acoustic fleece, which effectively reduces the noise level in the office and shortens the reverberation time.



insulation

absorption









insulation

absorption



Tailor it to your needs

Saar is an industrial shelving system with an interesting and simple geometric design, which can be varied by adding functional accessories. Open shelves, closed cabinets, hangers, acoustic panels, boards, push to open systems, lockable cabinets or cabinets with electronic code enable the adaptation of the product to the most demanding tasks.

The sound-absorbing panels that the Saar shelving can be equipped with help to quiet the space down and improve acoustics.



Create your own Saar set

Specially developed panel design translates into noise insulation and absorption in the office space. The Saar shelving with sound-absorbing panels enables the division of the space into zones with lower sound propagation, reducing the range in which conversations are heard in the office. The acoustic fleece used reduces the reverberation time and lowers the overall noise level in the room. This allows office users to work efficiently, maintain a state of high concentration and conduct meetings comfortably.



saar modules SM BS 4X4 + SM CH1 boxes + SM PA2 acoustic panels + SM PA4 + SM MB 2x2 magnetic board + SM SF shelves



saar modules

SM BS 4X3 + SM PA 2 acoustic panels + SM CH1 boxes + SM SF shelves



saar modules

SM SS 5x5 + SM PA1 acoustic panels + SM PA3 + SM CH1 boxes + SM WW window + SM PF 1 seat



saar hang SM HS 3X2 + SM CH1 boxes + SM PA1 acoustic panels + SM SF shelf



saar hang SM HS 4X2 + SM SF shelves + SM CH1 boxes + SM PA1 acoustic panels

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SM CS 4x5 SM PA2 acoustic panels, SM PF S2 seat, SM SF shelves, ,SM WW windows, SM CH1 boxes **SM HS 2x1** SM PA1 acoustic panel, SM SF shelf



Saar Modules set: SM BS 5x4 + SM LS 3x4 Acoustic panel 2 x SM PA2, SM WWD + T lockable cabinets, SM WW windows, SM CH1 boxes, SM SF shelves, SM PF S2 seats + Ox:co OX SW 740 armchairs + TB W 74L table

T

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saar

ACOUSTIC PARAMETERS

Saar

Equivalent sound absorption area of a single object $\rm A_{\rm obj}$ acc. to PN-EN ISO 354:2005*.





A upholstery B acoustic fleece C insulating core



insulation

absorption





insulation

absorption





Social Swing Single (SSO)

Relaxation in the office

Modern offices offer the opportunity to relax during a break from work. Social Swing is a swing that provides rest and relaxation while having a positive impact on the well-being of employees and stimulating their creativity. The steady rocking is conducive to casual conversations, during which inspiring ideas and surprising concepts are born. At the same time, the high walls of the Social Swing provide effective sound insulation – the sound wave propagates into other working areas to a lesser extent and conversations in the relaxation area do not disturb other employees.





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acoustic furniture

Social Swing Double + Social Swing Round (SSD + SSR)



A meeting place in an office space without acoustic solutions.

If the sound wave propagates without hindrance, the office is noisy and conversations can be heard even from far away – this has a negative impact on the concentration of the office users.

A meeting place in an office space with the use of the social swing products.

The structure of the walls and the canopy hinder the propagation of sound waves – effectively reducing noise levels and limiting the range in which conversations are heard, providing greater comfort for meetings and relaxation.



social swing

ACOUSTIC PARAMETERS

Social Swing Single

Equivalent sound absorption area of a single object A_{obj} acc. to PN-EN ISO 354:2005 [m²]*.



Social Swing Round

Equivalent sound absorption area of a single object A_{obj} acc. to PN-EN ISO 354:2005 [m²]*.



\rightarrow \rightarrow \rightarrow \downarrow insulation absorption

Social Swing Double





Effective sound insulation

The high, wide walls provide effective sound insulation – the sound wave propagates into other working areas to a lesser extent and the range in which conversations are heard is reduced. This enables effective relaxation during breaks and provides a comfortable space for meetings in an informal at-mosphere where your team's creativity is not impaired by noise. The Social Swing wall construction is covered with a special sound-absorbing foam, which effectively reduces the noise level in the office and the reverberation time. Thanks to the use of large sound-absorbing material, Social Swing can effectively replace several wall panels.



A fabric B absorbent material C supporting structure

*Estimated value.







insulation

absorption



Acoustic silencing

Voo Voo 9XX is a collection of sofas with raised backrests, enabling the creation of private, quiet areas in large, open public spaces. They are perfect for shopping centres, universities or schools. The high, upholstered backrests of the sofas not only act as partitions but also improve acoustic conditions.





VV 921

VV 922



VV 912 R



VV 911 L





VV 90C



VV 923



VV 901



VV 902





VV 913 L









acoustic meeting space



insulation

absorption



Meeting place in open space

With its high backrests and dedicated complementary elements, such as a functional tabletop and a reinforced panel for a TV, the Voo Voo collection offers the possibility of creating an intimate meeting place without the need to build new rooms. At the same time, the Voo Voo Box provides acoustic comfort by muting background noise. This allows users to concentrate on the conversation or tasks at hand.









VOO VOO

ACOUSTIC PARAMETERS

Voo Voo 9xx

Equivalent sound absorption area of a single object A_{obj} acc. to PN-EN ISO 354:2005 [m²]*.



Voo Voo 9xx

Acoustic efficiency of the screen under standard laboratory conditions acc. to PN-ISO 10053:2001 [dB]*.

- -

absorption

insulation



*Value estimated for VV 922.

Voo Voo 9xx

Sound absorption coefficient α_s acc. to EN ISO 354:2005.



A B C B A

A fabric B polyurethane foam C supporting sturture

Tested parameter	Sound absorption coefficient a according to PN-EN ISO 11654:1999	Sound absorption class acc. to PN-EN ISO 11654:1999	Weighted acoustic efficiency of screen acc. to Annex B PN-ISO 10053:2001 [dB]
Voo Voo 9xx	0,6 (H)	С	7





acoustic booths



quadra standing box QD SBG E QD SBG S



THS 1S G1



treehouse — THS 2SF G1



THS 2S G2 W



THS 1S G2 W

TH 4E G2

treehouse

TH 4 G1 W



TH 4 G2



TH 4E G1 W

treehouse

TH 2



TH 4

TH 2SC + T W

н

177

free-standing and desktop screens

ALSC 1580

ALSC 1110

available shapes and stitching

W2

W1



ALSC 1110 W2 ALSC 1580 W3



178



basic + castors/kółka/Rollen SV SC12 BCW



W3

candy 3x SV SC800T + 2xSV CP + 3xCDIN 180







SV SP 12M



 selva pod

 6x SV SCP8 C/E + 1x SV SCP6 C + + 2x SV P90 + 1x SV PT

 + 2x SV P180 + SV CT 14 D7 + SV CT 16 D7



3x SV SCP8 C/E + 4x SV BC + 2x SV P180



TB HR 16 D80 + SV DK160 H1



TB HR 16 D80 + SV DK160 H2 + SV DK80 H2





wall panels



acoustic furniture



focus_pod s LPS FS H1



focus_pod m LPS FM H1



focus_pod xl LPS FXL H1



stand_pod LPS ST H3



snake_pod LPS SN2 H1



leaf_pod snake_pod LPS SN3 H1



double_pod LPS DB H1



manager_pod 1 LPS MN1 H1



leaf_pod manager_pod 2 LPS MN2 H1



brainstorm_pod LPS BR H3



sofa_pod s LPS SC S H1





2x



sofa_pod s LPS SU S H1

sofa_pod m LPS SC M H1

sofa_pod m LPS SU M H1

chat_pod 1 LPS CH1 H1
acoustic furniture



beachhouse BH W



booi workstation BO S BASE + BO S CHAIR + LM









CV 60 + 3x CV STR + 2x CV H END CV TB L CV 60 + 3x CV STR + 2x CV H END

cave 4x CV 60 + 5x CV STR + 2x CV H END + CV TB L

CV WW

CV WW + TV



single SSO BASE + SS CHAIR



social swing

double SSD BASE + 2 x SS CHAIR + SSD TB



round SSR BASE + 4 x SS CHAIR + SSR SOFA + SSR TB



treehouse TH 2









QD PB R

modular systems with acoustic walls



PL 10 S + PL WL PL WB 10 + PL WR



PL 15 SA + PL WR + PL WB 15C + PL WL







PL 20SS + PL WR + PL WB 10 L



PL 30SSS + PL WB20R + PL WL



QD PO690

+ QD SC 690

QD PO 1650 + QD SC 1650 + 2x QD SC 720



QD PO 1650 + 2x QD C + 2x QD SC 720 + 2x QD SC 690 + QD SC 1650



QD BOX: 2x QD PO 1650 + 2x QD SC 1650 + QD SC 2210 + QD TB3



QD PO 1650 + QD RO 45 S + QD SC R + QD PO 690 + QD SC 690

VV 921

3x QD RO 45 M IN + 3x QD SCR

4x QD RO45 S OUT + 4x QD SCR



VV 901

VV 912R

VV 923

voo voo 9xx box VV 922 BOX + TB

notes

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Illustrative photos in the catalogue may differ from the actual products.

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