

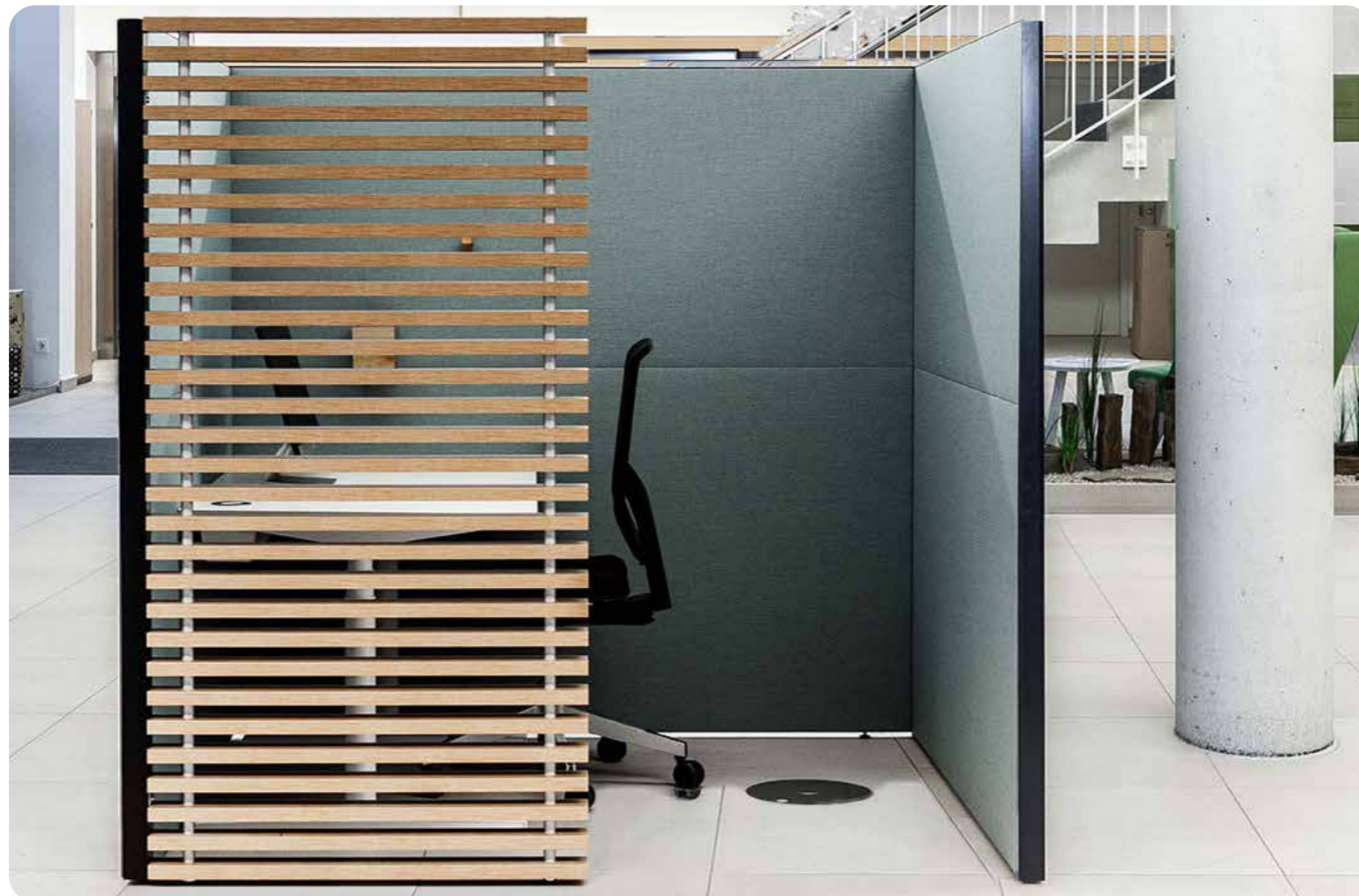
# 3

## Video | Telephone Counselling

*Customised Acoustic Solutions*

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*Products*



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*Note: This digital brochure contains direct links to the AOS homepage. Please just follow the signs*

*More information [...](#) >>*

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*More efficiency through better working conditions - that is the goal and at the same time the solution approach for our services and products.*

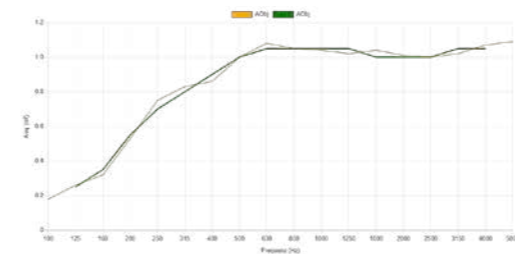


**P**ASSION FOR EXCELLENT ROOM ACOUSTICS AND SOUND INSULATION - AOS stands for excellent room acoustics and sound insulation at the office workplace like no other company in the field of office and object furnishing. More efficiency through better working conditions - that is both the goal and the solution approach for our services and products. Many years of experience, an order-related and high vertical range of manufacture at the company's location in Schopfloch enable us to develop and implement the optimum solution for your project together with you. Thanks to our product solutions and services, open and flexible office structures are accepted and appreciated not only by employers but also by employees.

Who we are & what we stand for



Technisches Datenblatt für Wandabsorber 55, H=800 mm, B=1200 mm, Dicke 55 mm



Frequenz f (Hz)	Terzen As (m²)	Oktaven Ap (m²)
50	0.02	
63	0.08	
80	0.11	
100	0.18	
125	0.26	0.25
160	0.32	
200	0.53	
250	0.75	0.70



**Absorber**  
 Bezeichnung Wandabsorber 55, H=800 mm, B=1200 mm, Dicke 55 mm  
 Hersteller AOS Akustik Office Systeme GmbH

*An order-related and high vertical range of manufacture at the company's location in Schopfloch enables the optimal solution for your project.*



High advisory competence & intensive dialogue with customers - A high advisory competence of our employees and the intensive dialogue with our customers offer security for the best room acoustic results. Our services are a guarantee for a healthy and performance-promoting working and living atmosphere and they fulfil the highest design and quality requirements. Our products and services are not only used in office environments, but also in educational and social facilities, in meeting and conference centres and in private homes.

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*Intensive dialogue provides security for the best room acoustic results.*



Flexible production & high vertical range of manufacture - Since the early days, AOS has attached great importance to vertical range of manufacture. The entrepreneurs only purchase raw materials and carry out all work steps on site with their own employees. Production takes place in four halls in Schopfloch, Middle Franconia. Here, the self-developed aluminium profiles are processed and assembled, and the solid wood and wood-based materials are cut to size and processed. In the sewing department, which is strongly affected by growth, the fabric covers are cut, sewn and prepared for final assembly. At the same time, the various acoustic fillings and superstructures are made up in a specially developed process. AOS wants to be able to react flexibly to every customer order and ensure quality on site. "We do not manufacture off the peg." emphasises one of the company founders. "Each element is only cut to size when the order is received. We only store raw materials here in Schopfloch, the further processing is entirely in our hands."



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*"We do not manufacture off the peg."*

# Acoustics - Light

## *Room and workplace lighting*

The quality of lighting and the visual design of the working environment are prerequisites for error-free and fatigue-free vision. They determine people's well-being and willingness to perform. In the context of lighting design, daylight is supplemented by artificial light sources. To create optimal working conditions, experts use a whole range of parameters. Perhaps the most important and in any case the best known is illuminance.

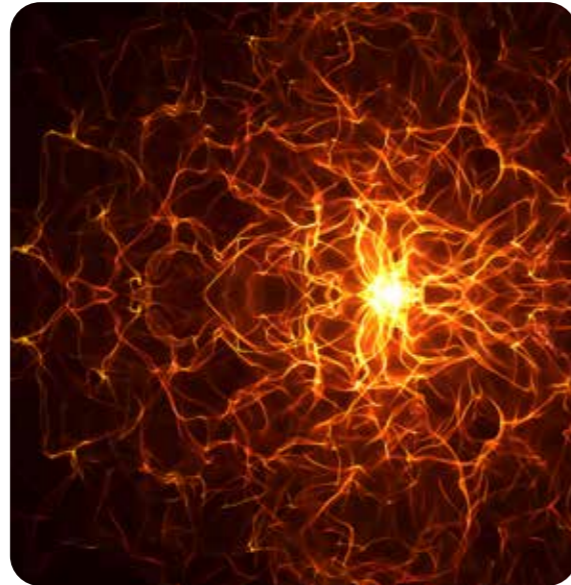
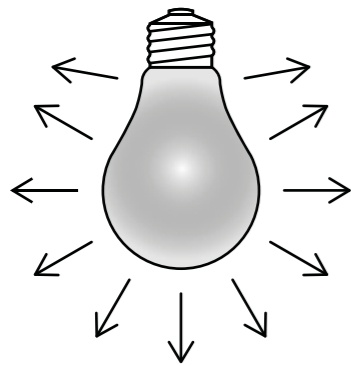
It is measured in lux (lx). The following minimum requirements apply to it:

- Ambient lighting: 300 lx
- Workplace-related lighting: 500 lx
- Partial area-related lighting: 750 lx



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*Perhaps the most important and in any case best known parameter is the illuminance lux (lx).*



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### THREE IMPORTANT PARAMETERS

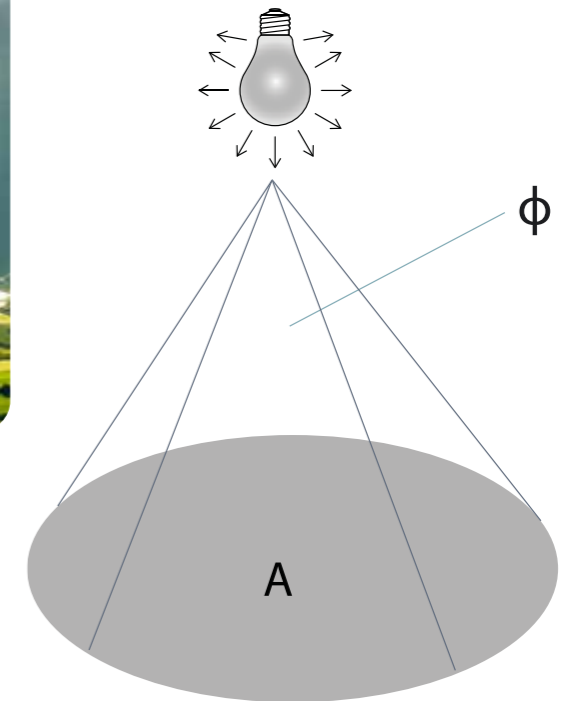
LUMINOUS FLUX  $\Phi$   
UNIT OF MEASUREMENT: LM (LUMEN)

Luminous flux describes the amount of light emitted by a light source.



ILLUMINANCE  $E$   
UNIT OF MEASUREMENT: LX (LUX)

Illuminance describes the amount of luminous flux incident on a surface, measured in lux. It is the usual parameter for assessing the lighting situation at office workplaces. It always refers to a specific unit of area and is expressed in lumens per square metre.





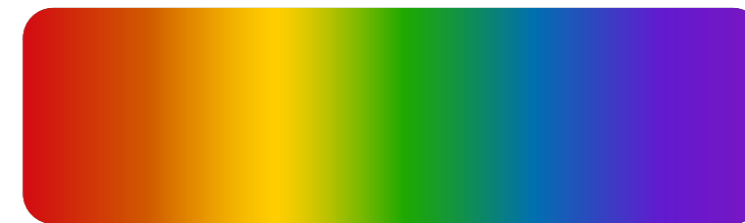
DIN EN 12464-1 is used as the basis for the lighting of VDU workplaces in offices. In addition to a number of other requirements, this standard specifies the following lighting requirements for typical office activities.

The measurement is taken in each case at a height of 0.75 m above the floor. It should be noted that the illumination level decreases due to ageing and soiling of the lamps. Thus, depending on the maintenance factor, the installation of higher illuminance levels may be necessary. Higher illuminance levels are also useful if the work task places particularly high demands on vision.

Beleuchtungsanforderungen für Büros, Bereiche der Sehaufgaben und Bereiche der Tätigkeiten DIN EN 12464-1, Tabelle 5.26 – Büros

Art des Innenraum(bereich)s, des Bereichs der Sehaufgabe oder des Bereichs der Tätigkeit	$\bar{E}_m$ lx	UGR <sub>L</sub>	U <sub>o</sub>	R <sub>a</sub>	Spezifische Bedingungen
Ablegen, Kopieren, usw.	300	19	0,40	80	
Schreiben, Schreibmaschineschreiben Lesen, Datenverarbeitung	500	19	0,60	80	Bildschirmarbeit s. 4.9.
Technisches Zeichnen	750	16	0,70	80	
CAD-Arbeitsplätze	500	19	0,60	80	Bildschirmarbeit s. 4.9.
Konferenz- und Besprechungsräume	500	19	0,60	80	Be leuchtung sollte regelbar sein
Empfangstheke	300	22	0,60	80	
Archive	200	25	0,40	80	

Source: Trade journal No. 12 - Light, buero-forum im bso Verband Büro-, Sitz- und Objektmöbel e.V./iba



COLOUR TEMPERATURE TF  
UNIT OF MEASUREMENT: K (KELVIN)

- Daylight = 5000 Kelvin
- Cold white = 4000 Kelvin
- Warm white = 3000 Kelvin
- Warm = 2000 Kelvin

*A high colour temperature is perceived as "cold" light and a low colour temperature as "warm" light.*

AOS CEILING ABSORBERS WITH LED TECHNOLOGY OF THE **neko** BRAND – The **LED ceiling absorbers**, which are available in different designs and sizes, are offered, among other things, with high-quality object lights of the **kreon** brand. One product in particular stands out, the LED spotlights of the **minux** series. These spotlights are characterised by their deeply recessed LED position and thus convey a particularly subtle feeling of light. The entire light source fades into the background, almost invisible to the observer. Equipped with the **minux57** luminaire type, all the lighting requirements for visual tasks for an office

workplace according to DIN EN 12464 1 can be met. Another luminaire type - **minux38** - is designed for use in retreat areas, creative zones and waiting zones. Both lighting versions enable a harmonious lighting design in the interplay of light and shadow and are thus also excellently suited for the demanding residential sector.

For the lighting of video and telephone consultation areas, **fusion5** offers the perfect tool. At its heart are integrated optical systems for powerful direct but diffuse light, precisely matched to the respective consultation island.

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*Both lighting variants enable atmospheric lighting design in the interplay of light and shade and are thus also excellently suited for the sophisticated residential sector.*





ACOUSTICS – In addition to excellent technical equipment and good room and workplace lighting, it is also the acoustic qualities that help us to make a video telephone consultation a success. This is because the conversations place high demands on the room acoustics, especially on speech intelligibility. With the high-performance and highly sound-absorbing acoustic walls of the AOS series **Prime Line** and **Mood Line**, video counselling stations and booths can be designed efficiently and extremely attractively. The absorbers used and the 5-layer construction of the walls have their strengths in the frequency range of human speech and thus produce the best acoustic results. Sufficient dimensioning of the elements and a sound-absorbing layer integrated inside the wall ensure a strong reduction of the sound pressure level compared to neighbouring surfaces. The result is a suppression of speech intelligibility to neighbouring surfaces and workplaces, while at the same time providing excellent speech intelligibility within the video and telephone counselling stations.

For more information on the subject of room acoustics, see brochure 2 - Structuring the Room



*DESIGN DIVERSITY AND  
CUSTOMISED ACOUSTIC  
SOLUTIONS*

*AOS offers design diversity and customised acoustic solutions off the beaten track and uniformed concepts. High-performance products with personality and character, manufactured with a high level of technical expertise and a great deal of attention to detail. A uniquely broad product range and a wide variety of variants offer almost unlimited design possibilities.*

## **Products**

*Variety of Acoustic Solutions*



# PhoneBooth

## *Concentration and performance*

Places of retreat are indispensable in everyday office life. Whether in a small group office or in an open space, the quality of the acoustic conditions is the measure of concentration and performance. It doesn't have to be the closed room-in-room solution that leads us to good room acoustic solutions. Open on one side and acoustically shielded on three sides, the **PhoneBooth** models are very efficient and can be easily and flexibly integrated in existing spaces as well as in new concepts. The fully upholstered 55 mm wall construction is impressive. The fully upholstered 55 mm wall construction impresses with a clear, unobtrusive design language and a sound absorption capacity that muffles even loud conversations. The models are available in a height of 2000 mm, a width of 930 mm, a depth of 800 mm and in three versions which differ in the design of the side walls. differ in the design of the side panels. A storage board

V1



V3



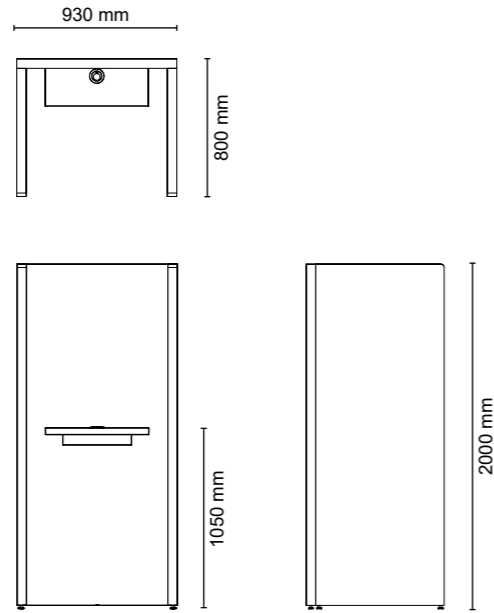
V2



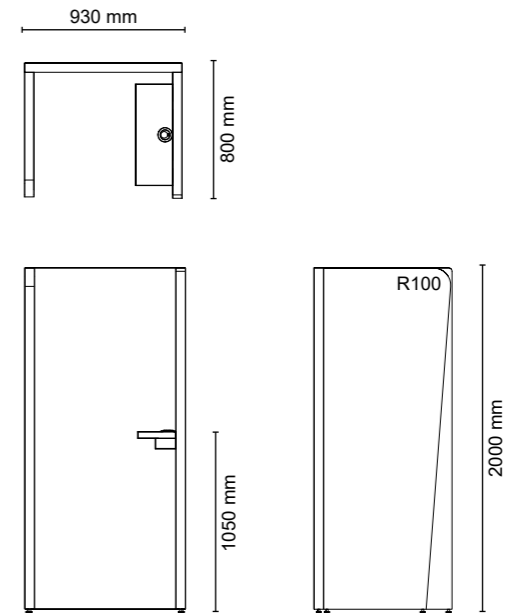
incl. PowerDot with power and USB charger, as well as a magnetic, fabric-covered organisational wall provide the necessary infrastructure to effortlessly handle even intensive conversations. The **PhoneBooth** series is available in 17 different fabric collections - divided into 5 price groups and an almost unlimited number of colours and textures. A comprehensive range of organisational accessories in natural oak or steel powder-coated RAL 9005 complete the model family.



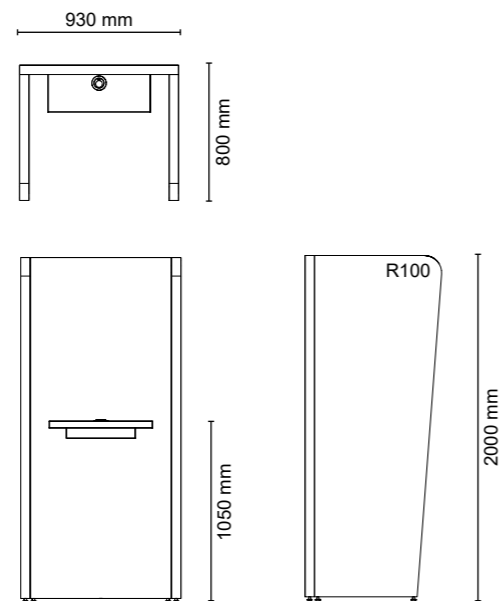
V1



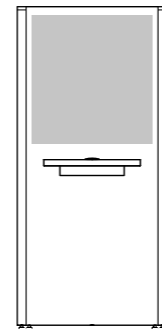
V3



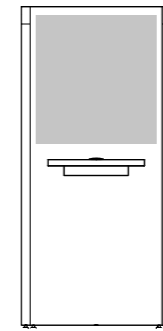
V2



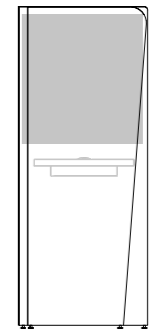
V1



V2



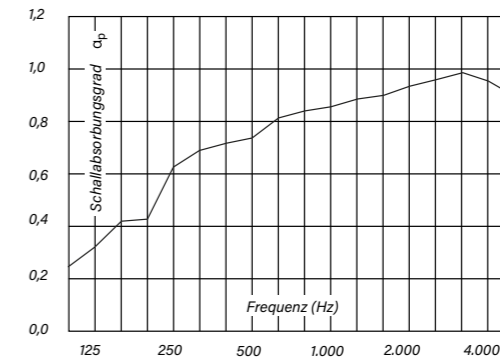
V3



*Equipped with magnetic surface*



PhoneBooth



Sound absorption level -  
octave centre frequency (55 mm)



Storage board incl. PowerDot with power and USB charger, as well as a magnetic organisational wall with extensive organisational accessories provide a good infrastructure.

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*PhoneBooth models are very powerful and they can be easily and flexibly integrated into existing spaces as well as new concepts.*

[PhoneBooth >>](#)

# VideoBooth

## *Open Room-in-room concept*

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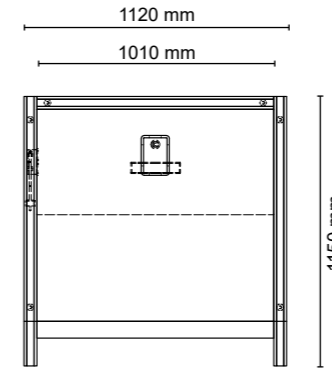
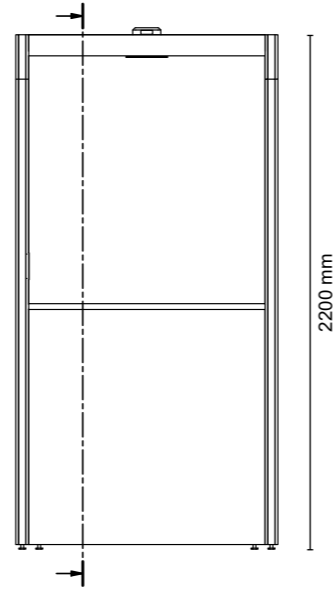
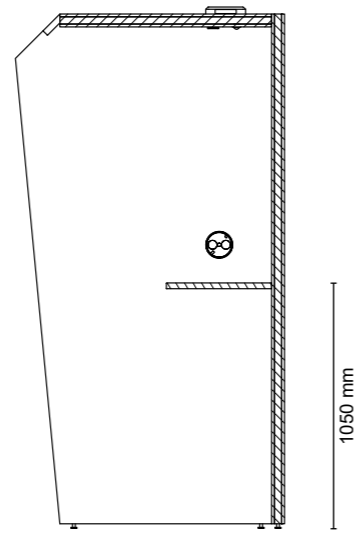
**M**odern design - timelessly elegant meets clear room structures and excellent technical equipment. Spontaneous video conferencing, e.g. via Microsoft Teams, has become an integral part of everyday office life. Hybrid forms of work are unthinkable without this tool and would be doomed to failure. The prerequisite for efficient and undisturbed use of this technology are products and concepts that are optimally equipped in terms of acoustics and lighting. Open on one side and acoustically shielded on three sides, **VideoBooth** models are very efficient and can be easily and flexibly integrated into existing spaces as well as new concepts. In hectic everyday office life, the quality of the acoustic conditions is also a measure of the performance of the employees. An unobtrusive design language, 55 mm thick wall construction and a sound absorption performance that muffles even loud conversations are clear advantages of the **VideoBooth** series. The product is offered in two versions: Variant **M** height (body)



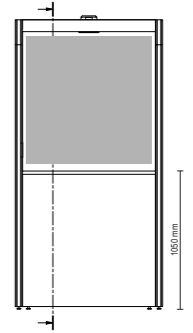
2200 / width 1120 / depth 1150 mm and Variant **L** height (body) 2200 / width 1320 / depth 1390 mm. The variant M with a standing worktable (height 1050 mm), the variant L without or optionally with work table (height 740 mm or 1050 mm) An electrification socket with USB charger, as well as a magnetic, fabric-covered organisation wall provide the necessary infrastructure. The **VideoBooth** series is available in 17 different fabric collections - divided into 5 price groups and an almost unlimited number of colours and textures. A comprehensive range of organisational accessories in natural oak or steel powder-coated RAL 9005 round off the VideoBooth model family.



VideoBooth M

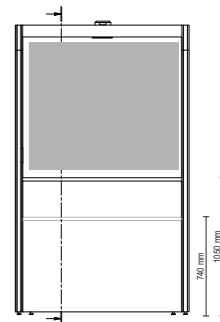
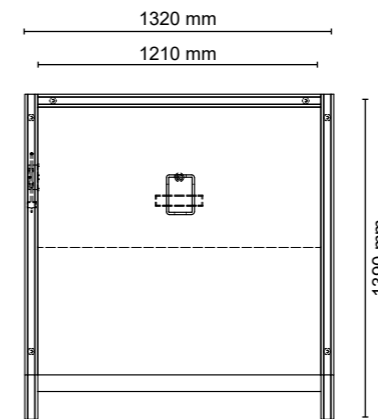
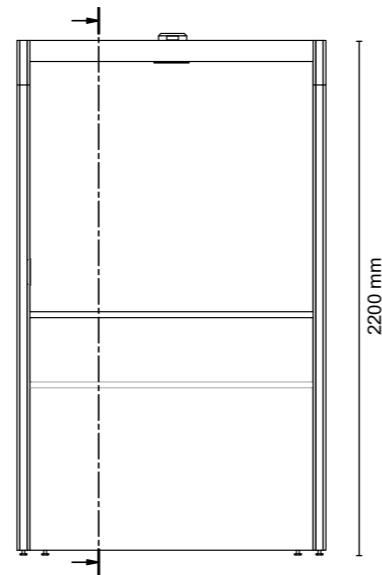
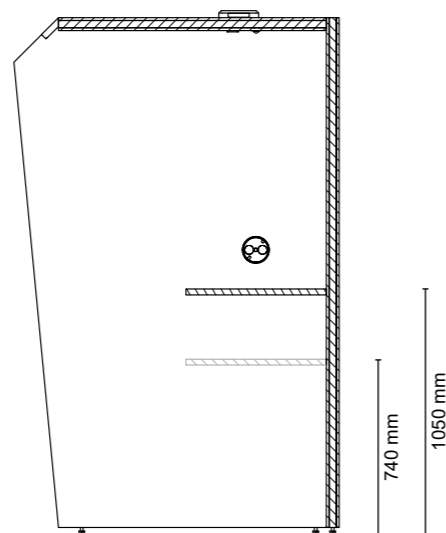


Equipped with magnetic surface



Magnetic back on the inside from a height of 1050 mm

VideoBooth L

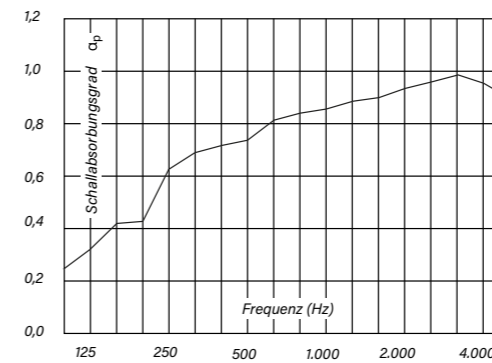


Magnetic back on the inside from a height of 1050 mm



The VideoBooth models are offered in two sizes, their sound absorption performance is very powerful. The integrated workplace lighting ensures an optimal lighting situation.

VideoBooth



Sound absorption coefficient -  
Octave centre frequency (55 mm)



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*The AOS Video Booth models offer innovative lighting technology at the workplace.*



*The VideoBooth models offer the necessary flexibility, to work both sitting and standing.*

[VideoBooth >>](#)



## Base- & WallBox

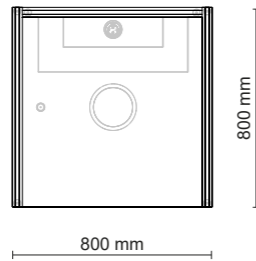
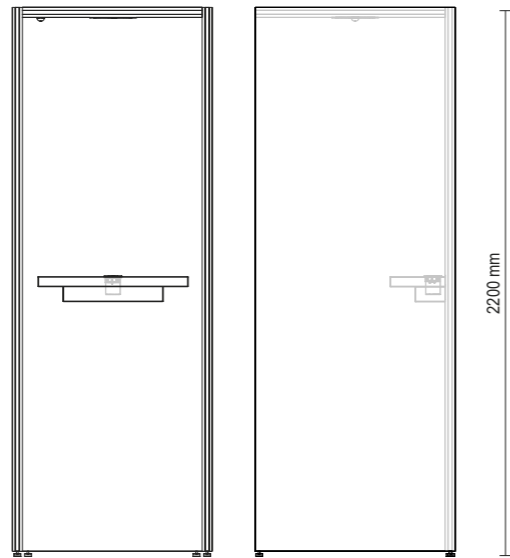
*Powerful in open office structures*

**R**elaxed and concentrated telephoning - in an open office space - not a matter of course. With precise room acoustic planning and the use of high-performance products, open and flexible office concepts offer very good working conditions for a wide range of activities. The **BaseBox** and **WallBox** impress with their clear design language and good sound absorption performance. **BaseBox** and **WallBox** are available with a wall thickness of 40 mm. The edge design with internal fabric profiles gives the high-performance absorber walls an elegant lightness and makes it possible to play with different fabric qualities and colours. There are 17 fabric collections to choose from - divided into 5 price groups. Equipment

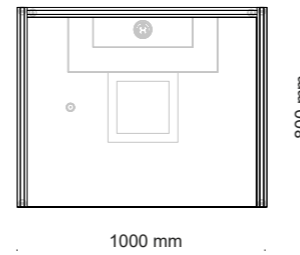
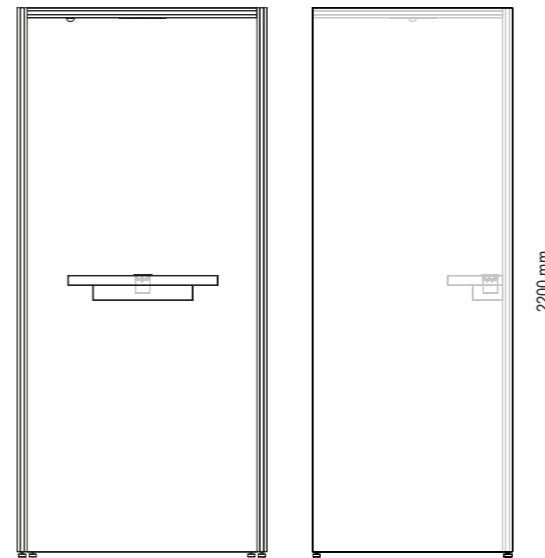


modules such as the storage board with integrated Powerdot and the ceiling-integrated LED light in the **BaseBox** offer added comfort and function. The PowerDot integrated in the shelf is also optionally available for the **WallBox**.

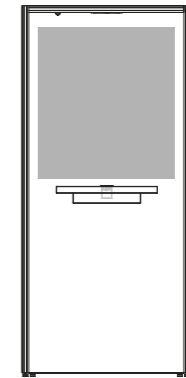
BaseBox M



BaseBox L

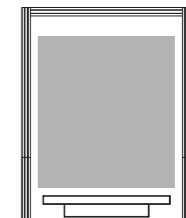
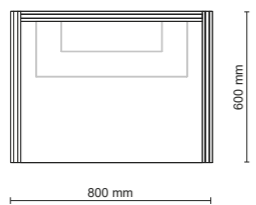
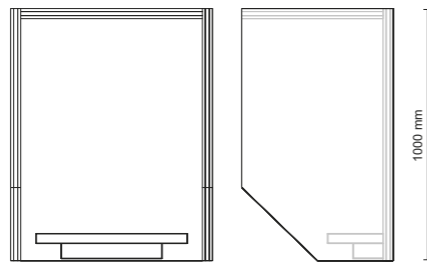


Equipped with magnetic surface



BaseBox M / L  
Magnetic back on the inside  
over storage board

WallBox

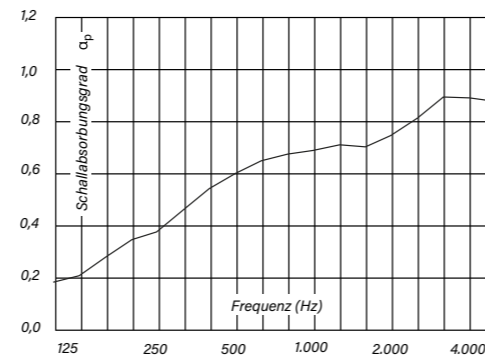


WallBox  
Magnetic back on the inside  
over storage board



Extensive organisation and presentation accessories, natural oak or graphite steel, magnetic.

Base- & WallBox 40



Sound absorption coefficient - Octave centre frequency

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*Clear design language and a sound absorption performance that successfully muffles even loud conversations.*

[Base- und WallBox >>](#)



# Video Telephone Booth Open

## *Counselling islands in an open office landscape*

In addition to excellent technical equipment and good workplace lighting, it is above all the room acoustics that help us to successfully conduct a demanding video or telephone consultation. After all, the conversations place high demands on the room acoustics, especially on speech intelligibility. With the **video telephone booths** in the "Open" model series, consisting of three different model variants in three sizes each, consultation islands can be integrated efficiently and cost-effectively into almost any office environment. Variant 1 is closed on four sides in its modular design, with the exception of the 900 mm wide access area. Variant 2 has partial glazing on two sides, from a height of 1400 mm, and Variant 3 allows more views in and out with a reduced wall height on one side. What all three variants have in common is the modular construction and the highly sound-absorbing acoustic walls with a total height of 1800 mm. The absorbers used have their



strengths in the frequency range of human speech and thus produce the best acoustic results while at the same time preventing direct sound transmission. A continuous wall fabric division at a height of 1000 mm guarantees the use of 17 different fabric collections and offers the possibility of different colour assignments. The corner and cover profiles made of anodised aluminium (EV1) are optionally available in powder-coated RAL.

V1



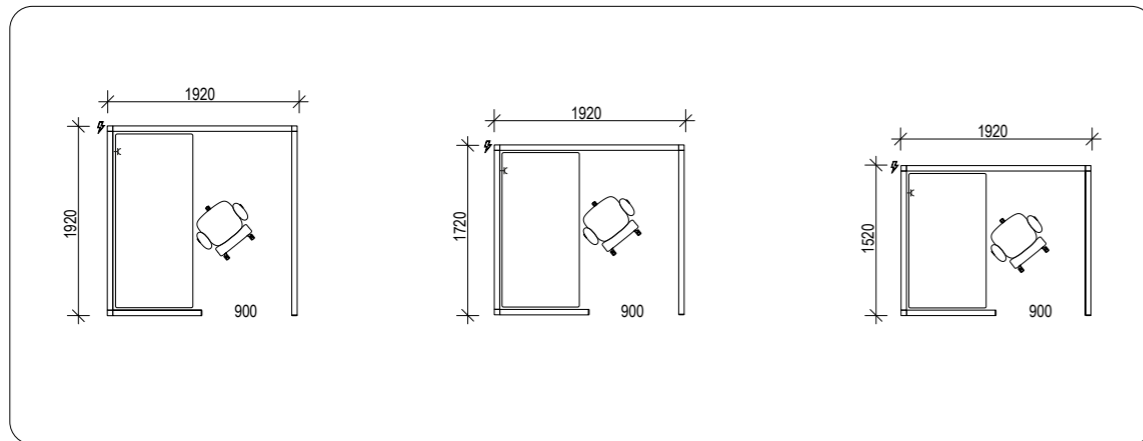
V2



V3

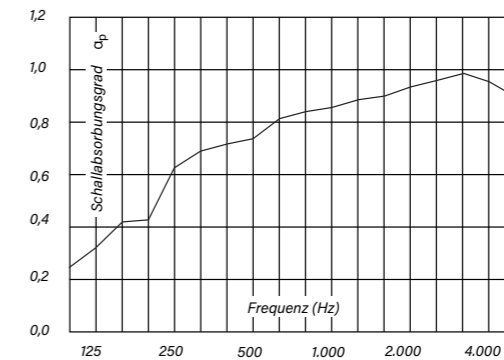


The "Open" model series is offered in three model variants with closed walls (V1), partial glazing (V2) or wall height reduced on one side (V3). The rear wall can be provided with a digital print.



There is a choice of three standard sizes for the standard table widths 1800, 1600 and 1400 mm

Video Telephone Booth



Sound absorption coefficient -  
Octave centre frequency (55 mm)

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*The 7-layer absorber walls used have their strengths in the frequency range of human speech.*



*With the video telephone booths in the "Open" model series, consultation islands can be integrated efficiently and cost-effectively into almost any office environment.*

[Video Telephone Booth Open >>](#)



# Video Telephone Booth Slat

*Eye-catcher with good acoustic conditions*

In addition to excellent technical equipment and good workplace lighting, it is above all the room acoustics that help us to successfully conduct a demanding video or telephone consultation. This is because the conversations place high demands on the room acoustics, especially on speech intelligibility. With the **video telephone booths** in the **"Slat"** model series, consisting of two different model variants in three sizes each, consultation islands become attractive eye-catchers and sought-after workplaces in open office zones. Both variants are equipped with an acoustically open slat wall in decor (according to the AOS collection) over a width of 910 mm on the access side. While variant 1 has completely closed walls on three sides, variant 2 has partial glazing on one side from a height of 1400 mm. What the two variants have in common is the modular construction and the highly sound-absorbing acoustic walls with a total height of 1800 mm. The absorbers used



The absorbers used have their strengths in the frequency range of human speech and thus produce the best acoustic results while at the same time preventing direct sound transmission. A continuous wall fabric division at a height of 1000 mm guarantees the use of 17 different fabric collections and offers the possibility of different colour assignments. The corner and cover profiles made of anodised aluminium (EV1) are optionally available in powder-coated RAL.

V1



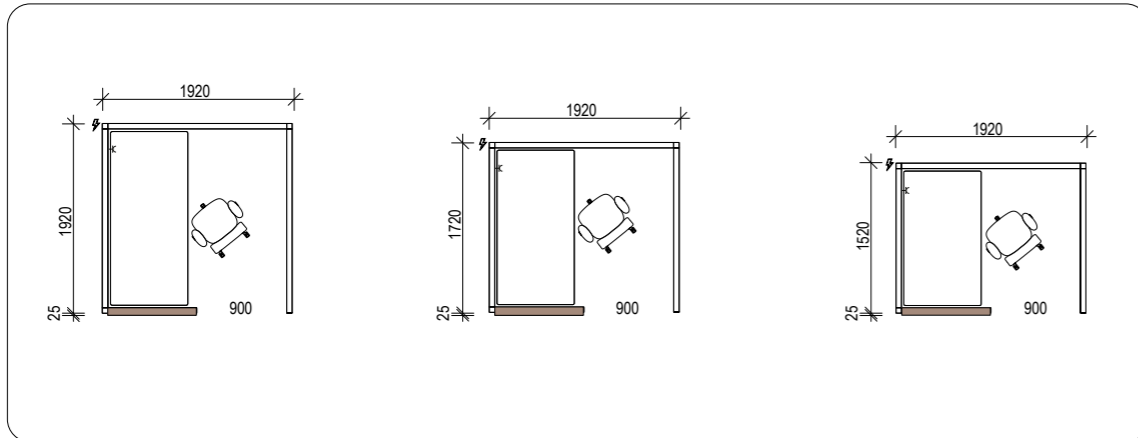
V2



The "Slat" model series is offered in two model variants with closed walls (V1) or partial glazing (V2).

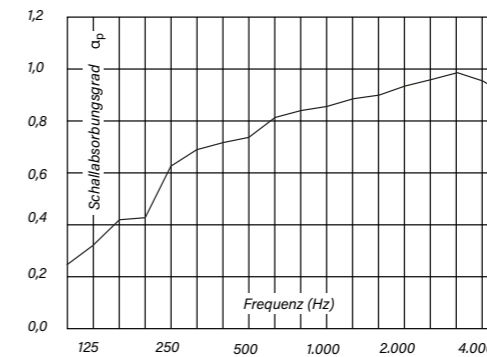


It is possible to print the back wall digitally.



There is a choice of three model sizes for the standard table widths 1800, 1600 and 1400 mm.

### Video Telephone Booth



Sound absorption coefficient - Octave centre frequency (55 mm)

*Extensive  
Orga and presentation  
accessories available.*



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*The room acoustic qualities of the  
telephone and video booths help  
to make sophisticated counselling  
via video or telephone a success.*



*Integrated power and  
data supply (standard).*

[Video Telephone Booth Slat >>](#)



# Video Telephone Booth Top LED

## *Good acoustics and workplace lighting*

In addition to excellent technical equipment and good workplace lighting, it is above all the room acoustics that help us to successfully conduct a demanding video or telephone consultation. After all, the conversations place high demands on the room acoustics, especially on speech intelligibility. The **video telephone booths** in the **"TopLED"** model series, consisting of three different model variants in three sizes each, meet the highest demands on the working environment. In addition to the very good acoustic conditions, they also have excellent finely tuned lighting. The models of the **"TopLED"** series, with a total height of 2200 mm, can thus be used independently of the spatial environment and infrastructure. Variant 1 is closed on four sides in its modular design, with the exception of the 900 mm wide access area. Variant 2 has partial glazing on one side from a height of 1000 mm and Variant 3 has partial glazing on two sides from a height of 1800 mm. What all three variants have in common is the modular construction, the ceiling incl. LED closed above the work area and the highly sound-absorbing acoustic



walls. The absorbers used have their strengths in the frequency range of human speech and thus produce the best acoustic results while at the same time preventing direct sound transmission. A continuous wall fabric division at a height of 1000 mm guarantees the use of 17 different fabric collections and offers the possibility of different colour assignments. The corner and cover profiles made of anodised aluminium (EV1) are optionally available in powder-coated RAL.

V1



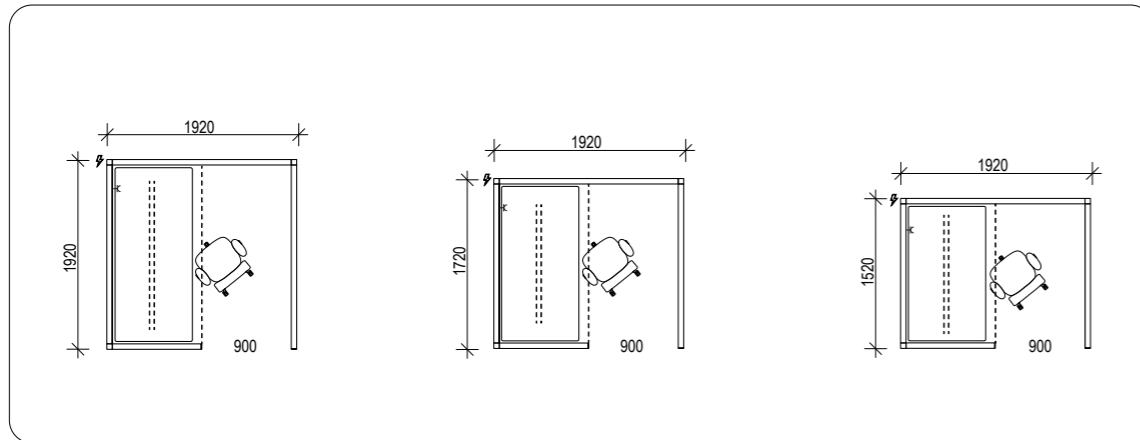
V2



V3

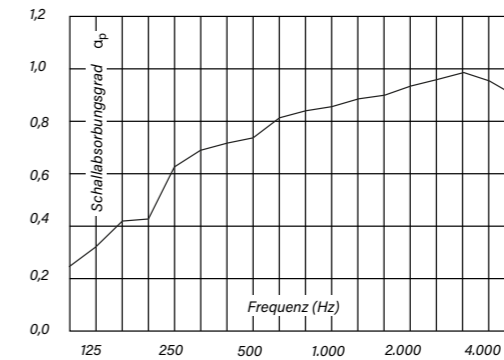


The "TopLED" model series is available in three model variants with closed walls (V1) or partial glazing (V2 + V3). The rear wall can be provided with a digital print.



There is a choice of three model sizes for the standard table widths 1800, 1600 and 1400 mm.

Video Telephone Booth



Sound absorption coefficient -  
Octave centre frequency (55 mm)



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*The AOS video and telephone booths of the TopLED series offer innovative technology and optimised lighting at the workplace.*



*Assemble, disassemble and reconfigure in just a few simple steps. The invisible mechanical connection enables an elegant product design.*

*With a height-adjustable workstation, telephone and video booths can be used flexibly in everyday office life.*

[Video Telephone Booth TopLED >>](#)





A wide range of fabrics is available for **AOS Akustik Office Systeme** products.





Only a limited selection can be shown here.

For more information visit us directly at

[www.akustik-office-systeme.de](http://www.akustik-office-systeme.de)





	<b>Fabric</b>	<b>Material</b>	<b>Look</b>	<b>Width</b>
 <b>Polyester</b>	Sprint	Polyester	Uni	1.500 mm
	Era		Melange	1.400 mm
	Medley		Melange	1.400 mm
 <b>Recycled Polyester</b>	Lucia	Recycled Polyester	Uni Crepe	1.700 mm
	Rivet		Melange	1.400 mm
	Cura		Two-coloured	1.400 mm
	Xtreme		Uni Crepe	1.400 mm
 <b>Trevira CS</b>	Lucia CS	Trevira CS	Uni Crepe	1.700 mm
	Twist/Melange		Uni/Melange	1.700 mm
	King L		Uni/Two-/Three-coloured	1.400 mm
	Roccia		Two-coloured/Melange	1.400 mm
 <b>Wool</b>	Blazer	New sheep's wool 100 %	Felt	1.400 mm
	Blazer Lite	New sheep's wool 100 %	Felt	1.700 mm
	Connect	New sheep's wool 48 %, Recycled Polyester 41 %	Melange	1.400 mm
	Crisp	New sheep's wool 93 %, Polyamid 7 %	Melange	1.400 mm
	Main Line Flax	New sheep's wool 70 %, Flax 30 %	Melange	1.400 mm
	Passion	New sheep's wool 91 %, Polyamid 9 %	Multicoloured	1.400 mm



**Standard: Polyester nonwoven**

– 100 % PES fibres

Polyester nonwoven ...

- is recyclable by type.
- consists of approx. 60 % recycled fibres.
- is highly sound-absorbing and reduces reverberation.
- is extremely durable and moisture-resistant.
- is without chemical additives.
- is certified according to Standard 100 by OEKO-TEX®.
- is skin-friendly and allergy-friendly.
- Flame resistance according to DIN 4102: PES nonwoven B1



**Optionally: Pure new sheep's wool**

– 100 % sustainable

New sheep's wool ...

- is renewable, natural and regional.
- is highly sound absorbent and reduces reverberation.
- is moisture regulating.
- is non-allergenic.
- breaks down pollutants.
- neutralises odours.
- is permanently biocide-free protected by Ionic Protect®.
- has an antibacterial effect.
- Fire protection according to EN 13501:  
Sheep wool insulation D-s2 d0;  
Sheep wool felt C-s2 d0;
- is self-cleaning.





*We're looking forward to hear from you!*

[www.akustik-office-systeme.de](http://www.akustik-office-systeme.de)

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