



knowledge and inspiration for office people





## Corporate principles

Vital-Office is the virtue of empathy in complex relationships between humans and their spaces within the build environment.

Our aim is to create a living nurturing space.

We bring together ergonomic planning and furniture design, modern Baubiologie and a traditional way of performance-enhancing interior design and decoration (Feng Shui).



awarded from international Feng Shui Masters with the Gold medal for best Feng Shui Design.

得到国际风水大师颁发的最佳风水设计金奖。





## Vital-Office® History

**Peter Jordan is the founder of Vital-Office, founded 2001, an umbrella world for a unique and holistic way of designing office environments.**

Grown up in a family based German wood manufacturing he learned traditional craftsmanship and the principles of sustainable design. And integrated Feng Shui, ergonomics, green materials and acoustics into the authentic Vital-Office design products.

He teaches at several conferences and events. E.g. he was a speaker at the International Congress of Facility Management in Frankfurt, at the international Feng Shui conference in Budapest, at the Conscious Design conference held in New Jersey in the United States and he spoke at the International Conference on Scientific Feng Shui & Built Environment at Hong Kong City University.

Parts of this teachings are published in his book: The Vital-Office Concept which is translated into 3 languages: German, English and Chinese (Mandarin). The book is available as digital download on [www.vital-office.net](http://www.vital-office.net) or as paper print on amazon.



The 4<sup>th</sup> International Conference on Scientific Feng Shui & Built Environment



1982



1986



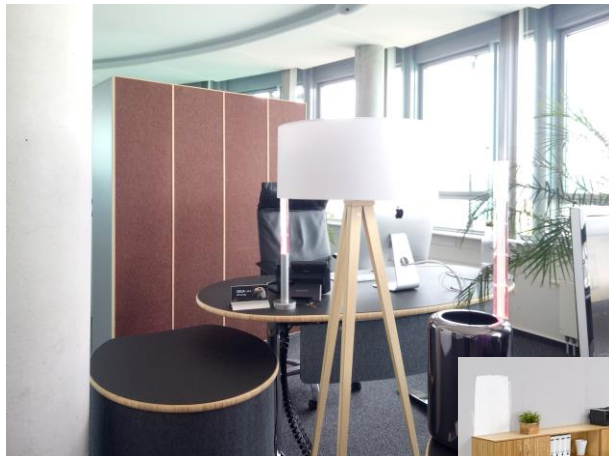
1990



1998



2000



2018: Acoustic elements + Bamboo







## Certified German Quality

### Customers worldwide:

Aspecta  
Lebensversicherungen,  
HDI-Gerling AG /  
artundweise GmbH,  
Bremen / H.C.Starck  
Konzern, Goslar, München,  
Gangzhou / Kärcher  
cleaning equipment,  
Changshu / Jungheinrich  
Shanghai / Optima  
packaging group,  
Schwäbisch Hall, France,  
Shanghai / Rheinmetall AG  
Hannover / DREHTAINER,  
Valluhn SIG, London +  
Paris + Wien + Ettlingen /  
Frank Türen AG, Buochs,  
Swiss / HPI Hasso-Plattner-  
Institut, Potsdam / Global  
Prime Office, Montreal,  
Essilor, Oficina de  
Representación en España  
de Raiffeisenbank  
Kleinwalsertal AG, Mallorca  
/ Thyssen Alpha, München

....



## Green and Safe

Vital-Office traditionally offers timeless design products. Their flexibility in placement and the outstanding quality guarantees a long life time of Vital-Office products.

Vital-Office desktops are made WITHOUT a plastic edge bending. Instead we developed a special treatments of profiled rounded wood edges with natural wax and oil.

**Ecological Table tops out of bamboo solid hardwood.**

Reflecting the long active life time of the Vital-Office desks, we recommend using ecological hardwood material like bamboo as desk top. Thus combining quality and sustainability and more appreciation and comfort at the workplace.



Bamboo Production:  
FSC Green Bamboo; WWF member, CARB E1 MDF and Plywood, FSC 绿色竹材;  
WWF 组织成员; CARB 认证 E1 急中密度板和多层板



ISO9001  
Quality  
Management  
System  
ISO9001 质量  
认证体系



ISO9004  
Environment  
Management  
System  
ISO9004 环保  
认证体系



GB18580-  
2001 Indoor  
Limit of  
formaldehyde  
emission



CE, RoHS and  
UL certificates

Acoustic Material:





## German or Chinese Production?

Vital-Office works with production facilities in both countries. Offering 100% import, as well as a combination of Chinese production and German quality parts imported and build into the products.

To ensure our German quality guidelines we engineer all our products and train our various production facilities.

Buying from us, means buying German engineered quality products directly from the production facilities.







## Bamboo-Office

Bamboo is a perfect example of a green product - sustainable, environmental friendly and as hard as German oak. We offer our whole range of office furniture in bamboo material. Also you can combine bamboo with other materials.

## Acoustic-Office

Environment friendly and colorful acoustic material build-in or added to the furniture concept. E.g. acoustic cabinets and caddies, baffle or panel blind application to partition office space.

## CONCEPT

we analyze the customer's needs and targets he want achieve in his future office before we start. The target set leads the way of design, planning and product selection or engineering.

## Vital-Office

Anthropometric shapes are more space efficient than rectangular shapes. Our shapes are engineered according Feng Shui and geometric harmony rules and guarantee excellent working and a privacy sphere.



## Ergonomics

Inspired by the power of nature our ergonomics concept is holistic. We combine flexibility, space efficiency, ergonomics and value perception to improve working conditions and business results.

## Modular Kit

We benefit from a modular construction kit of furniture items and tools, developed throughout the last 20 years. Creating a large planning and design variety. All kit elements are optimized to fit together, enabling e.g. easy replacements and add-ons.

## Product Engineering

Our products designs meet the concept's requirements. We perceive office furniture as tools for easy working and enhanced collaboration within an office.

## Planning

A professional space planning, done by our experienced senior architects and ergonomics specialists is the alpha and omega. It mirrors customer's target and respects human requirements for healthy efficient working conditions.

## Portfolio

**Vital-Office offers whole range of furniture, derived from conceptual planning.**

We offer advanced desk systems and flexible conference tables. Developed to facilitate the implementation of Vital-Office concept.

Likewise we offer manifold customized interior work designed by customer's architect.

Office furniture made by Vital-Office are flexible in rearranging offices, supporting changing demands. Modular base technologies offer a wide range of variations from low cost e-style frames to motorized stand-up desks and conference tables.

A wide selection of material options are available throughout the whole program:

- Melamine faced MDF boards
- First class international veneers
- Linoleum desktop
- Sustainable solid wood table tops in Bamboo offer good value and good quality.



## Business Divisions

**Vital-Office is a international brand with several business divisions.**

Our main competence derive from office planning and office optimization, product's design and engineering and manufacturing since 1981.

Working many years in different fields for our customers enables us today to offer a wide range of services and products.



### **Vital-Office Möbelmanufaktur:**

Exclusive proprietary design. Fashioned with highest quality materials. Comes in exquisite traditionally-crafted veneers or solid wood, painted glass or stone. Features acoustic wall panels and media cabinets.



### **Vital-Office Acoustics:**

Acoustic solutions for ceiling, walls and furniture. E.g. acoustic cabinets and caddies, baffle or panel blind application to partition office space.



### **Vital-Office office furniture:**

We offer an advanced modular desk system and flexible conference tables. Developed to facilitate the implementation of Vital-Office concept. Including desks, pedestals, cabinets, conference tables, chairs, ...



### **Vital-Office Bürooptimierung:**

Integral office design is a requirement for excellent Management. From planning and design to completion we show you how to establish a high performance office using architecture design, ergonomics, Baubiology and Feng Shui.



### **Vital-Office Consulting and Seminars:**

Consulting in office workplace design  
Seminars and talks about Ergonomics and Feng Shui





## Product Portfolio

### Acoustics and nature material integration

A comfortable sound environment reduce stress and strain in our daily life and contribute to better concentration, performance and attitude in office, hotel, restaurant, kindergarden and school.

Vital-Office is leading in developing integrated acoustic solutions with nature materials in furniture and decoration.

An important issues on almost all sound absorbing materials is, that they need a buffer distance to a hard surface like walls, ceiling and other parts.

Generally speaking, a more detailed knowledge is valuable to evaluate the sound absorption of a specific product and where it is applied within the room. It may be a good product, but may unfold it's full absorption feature only if applied in a certain way.



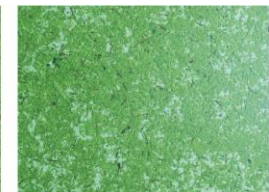
Alpenheu deckend



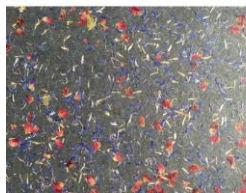
Alpenheu transparent



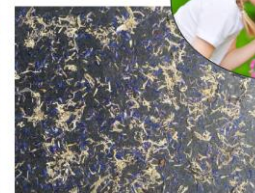
Alpenheu deckend



Moos Apple green transparent



Heublumen blau-rot transparent



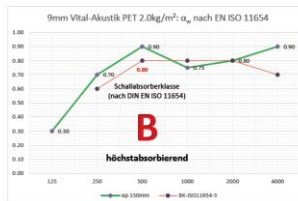
Heu+Blumen blau transparent



Moos mossgreen deckend



Moos mossgreen transparent





## Product Portfolio

### Conference table systems for the executive suite.

Each conference room is a representation of distinctive style and vision utilizing systems from the Circon Executive Product Line. Size, form and material/composition are developed according to individual customer needs and demands.

Various table styles are possible. Elliptical, Oval and Boat-form with elliptical feet sections can be realized in chrome, aluriffel or painted. All table sizes are feasible. The Oval-Office Project in Hamburg is a successful example where an oval 11,6 m- long table veneered in Swiss pear tree was designed to accommodate 38 persons in their executive suite conference room.

### conferenceS-Klasse



Large conference table systems with acoustic wall panels and media cabinets

### conference V-Form



Modular tables for exclusive training rooms with media and power outlets.

### conferencemedium



Conference tables for 10 - 20 persons

### conference Möbelarchitektur



Sculptural art becomes conference room architecture: Minimalistic, cool and sensuous, - the attributes of a daring piece of "Furniture-Architecture".

### conferenceBesprechung



Meeting tables for 4 - 10 persons, elliptical and round tables

### conference Medientechnik



Vital-Office also offers built-in media centers which blend aesthetically within the contours of the table.



## Product Portfolio

**A versatile office furniture concept to vitalize your cooperation**

Office furniture made by Vital-Office are flexible in rearranging offices, supporting changing demands. Different base technologies offer a wide range of variations from low cost e-style frames to motorized stand-up desks and conference tables.

A wide selection of material options are available throughout the whole program:

- Melamine faced MDF boards
- First class international veneers on MDF
- Sustainable solid wood table tops in Bamboo offer good value and good quality.

### infinity design



A very modular and flexible office system. Height adjustable bases for desks as modular option, including cable management and protection panels



**Bamboo Office:** Bamboo is a perfect example of a green product - sustainable, environmental friendly and as hard as German oak.

### vitAcoustic furniture and applications



### variable



Add-on or small meeting tables in various shapes and with stand-up height adjustability as modular option.

### conference



- Smart conference tables: flexible and modular in any shape and size.
- Flexiconference: All in one flexible table system.

### flexiscreen



Flexible acoustic partitions





## Product Portfolio

**sideboard, cabinet, pedestal, caddy, accessories.**

Available in different sizes and options the “qiboard” rolling-shutter cabinets are marked by their harmonious, aesthetic design.

A versatile assortment of colors and storage systems, caddy's with “stand-up” tops or “contable” with its adjustable “stand-up” top are specialized for the flexibility of the Vital-Office office-planning concept.

A comprehensive, modular cabinet-system that ideally supplements the Vital-Office furniture collections.

open shelving

- Hinged door cabinets
- Sliding door cabinets
- Roll shutter cabinets

The modular combination of horizontal and vertical units is possible without changing the optical design.

## Caddy + pedestal



A versatile assortment of movable pedestals and caddies with stand-up tops

## qiboard



Harmonious design tambour door cabinets

## reception



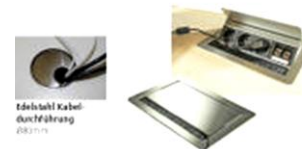
Reception, Check-in and coffeebar modules

## modular cabinet



Modular cabinet system, which can combine sizes and various types of cabinets, like shelf, door, sliding door and tambour door.

## cablemanagement



Cable management modules like grommets, flip-up units, cable guides vertical and horizontal, monitor arms, CPU holder, ...





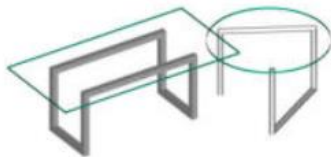
## Product Portfolio

### Executive Desks. Director Level Design Furniture. An effective tool for the Modern Management Team

Furniture as a reflection of one's distinctive personality. Representative of the vitality, competence and high-performance which are the minimum requirements for maximum success within the corporate environment.

The Circon Executive was developed with the sophisticated, discriminating customer in mind. Integration of Business and Personal Furniture design - an instrument for Modern Management and promotion of Corporate Culture, as well as a component of Post-Modern Corporate Design.

### glas classics



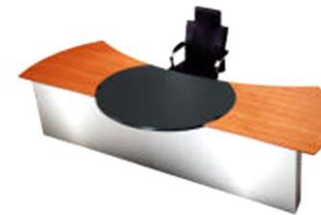
Glass tables "Bauhaus Style" function as working and meeting tables. Designed for an exclusive villa in Weimar

### classic



The executive desk in classic design in a timeless classic lines of anthropometric structure

### command



Sovereign workplace design - central point of decision

### face



Sculptural art architecture: An extraordinary executive desk

### basic



Solid elegance with loads of space

### jet



Modern workstation with distinction for individual and team-work

### wing



Exclusive and distinctive design. Personal identity and strength with characteristic ambience



## Contacts China:

### European manufacturing:

#### **Vital-Office GmbH**

Holzbachtal 204 | D-75334 Straubenhardt,  
Phone: +49 7248 93566-90  
Fax: +49 7248 93566-97  
E-Mail: [info@vital-office.net](mailto:info@vital-office.net)

### International export:

#### **Vital-Office Hongkong Limited**

E-Mail: [info@vital-office.net](mailto:info@vital-office.net)

### China domestic manufacturing:

#### **Vital-Office Shanghai Co., Ltd.**

上海新饰力办公用品有限公司  
E-Mail: [info@vital-office.cn](mailto:info@vital-office.cn)

### CEO & Business Owner

#### **Peter Jordan**

Wechat-ID: Vital-Office  
E-Mail: [pj@jordan.de](mailto:pj@jordan.de)  
Language: English & German

Mobile 电话: +86 158 0170 7579  
(phone is only available, when he is in  
China -> please use Wechat)

### International coordinator Hong-Kong/Germany:

#### **Louis Jordan**

E-Mail: [louis@jordan.de](mailto:louis@jordan.de)  
Wechat-ID: louis\_jordan  
Language: German & English & Mandarin

### Project coordinator:

#### **Wang Lei**

Mobile 电话: +86 186 2139 5356  
E-Mail: [wanglei@vital-office.net](mailto:wanglei@vital-office.net)  
Wechat-ID: yoyuwanglei  
Language: English & Mandarin

### China Domestic Manager:

#### Production and Supply chain manager:

#### **任继春 Ren Jichun**

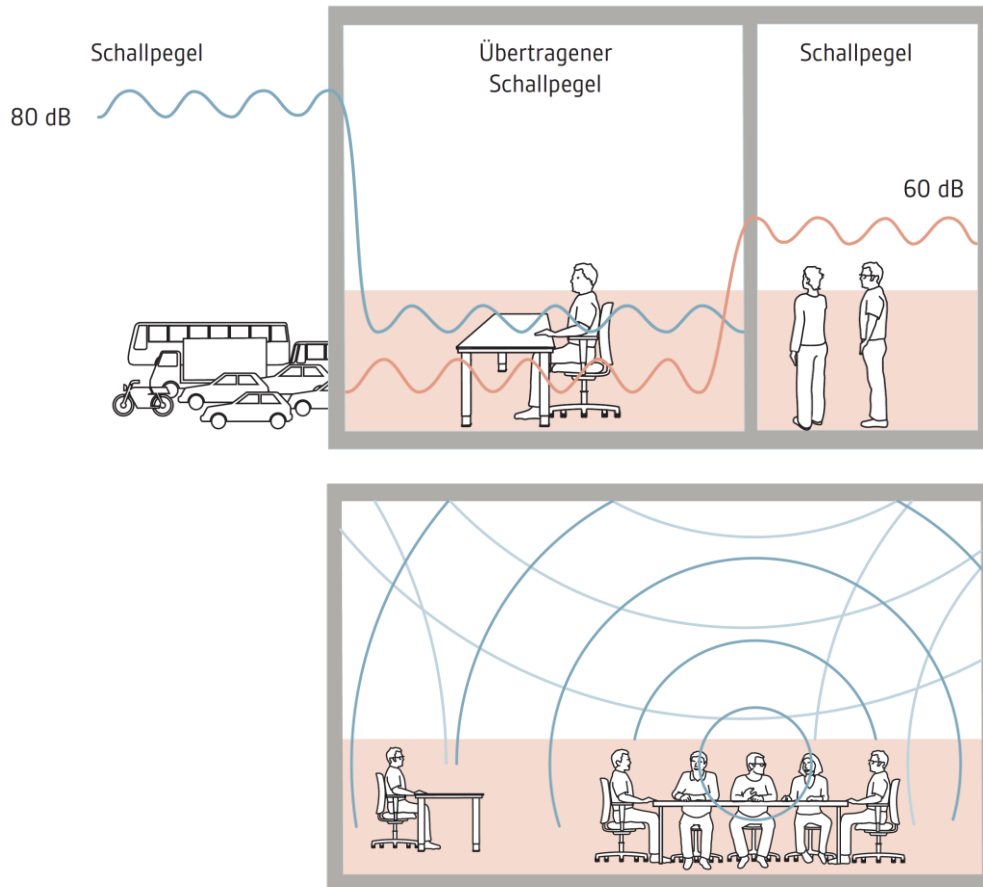
Mobile 电话: +86 138 1803 4691  
Wechat-ID: YOU985787832  
Language: Mandarin

Website: <http://www.vital-office.net>





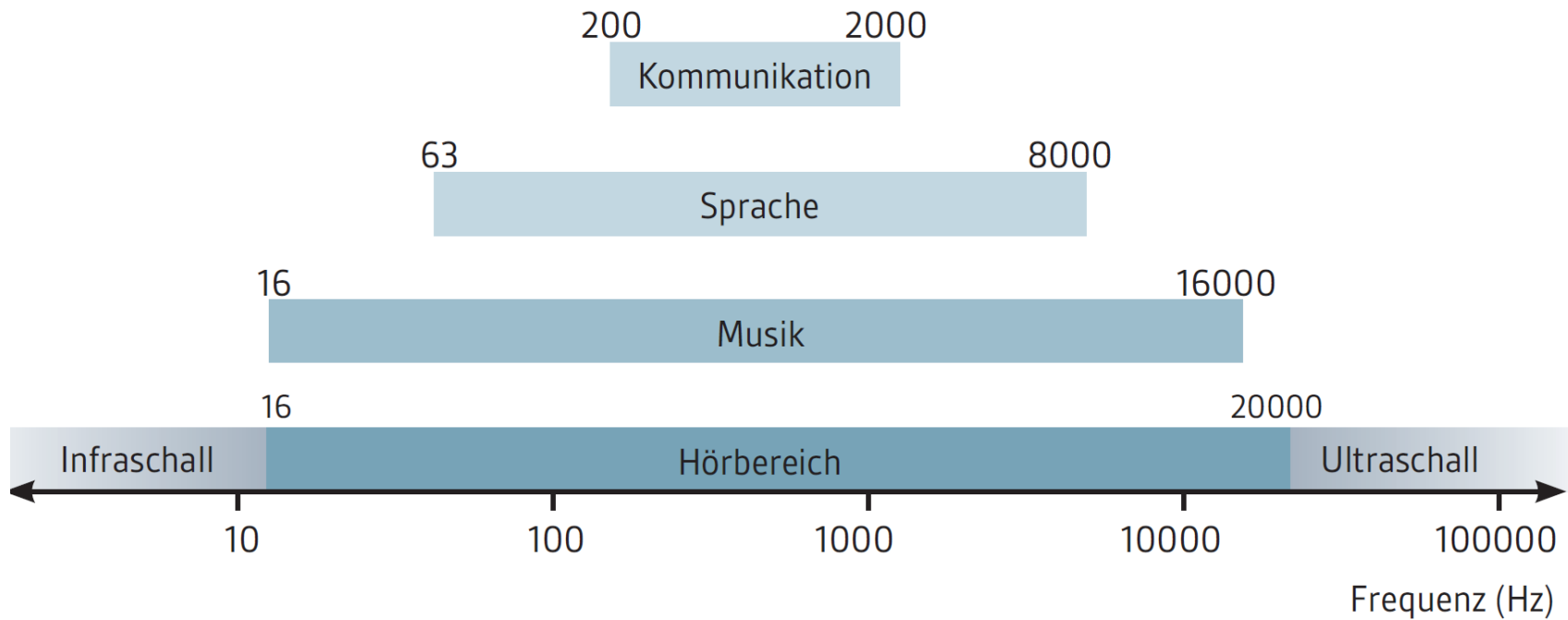
## Room Acoustics versus Building Acoustics



1. Noise gets blocked from one room to another
2. Noise is reflected within one room

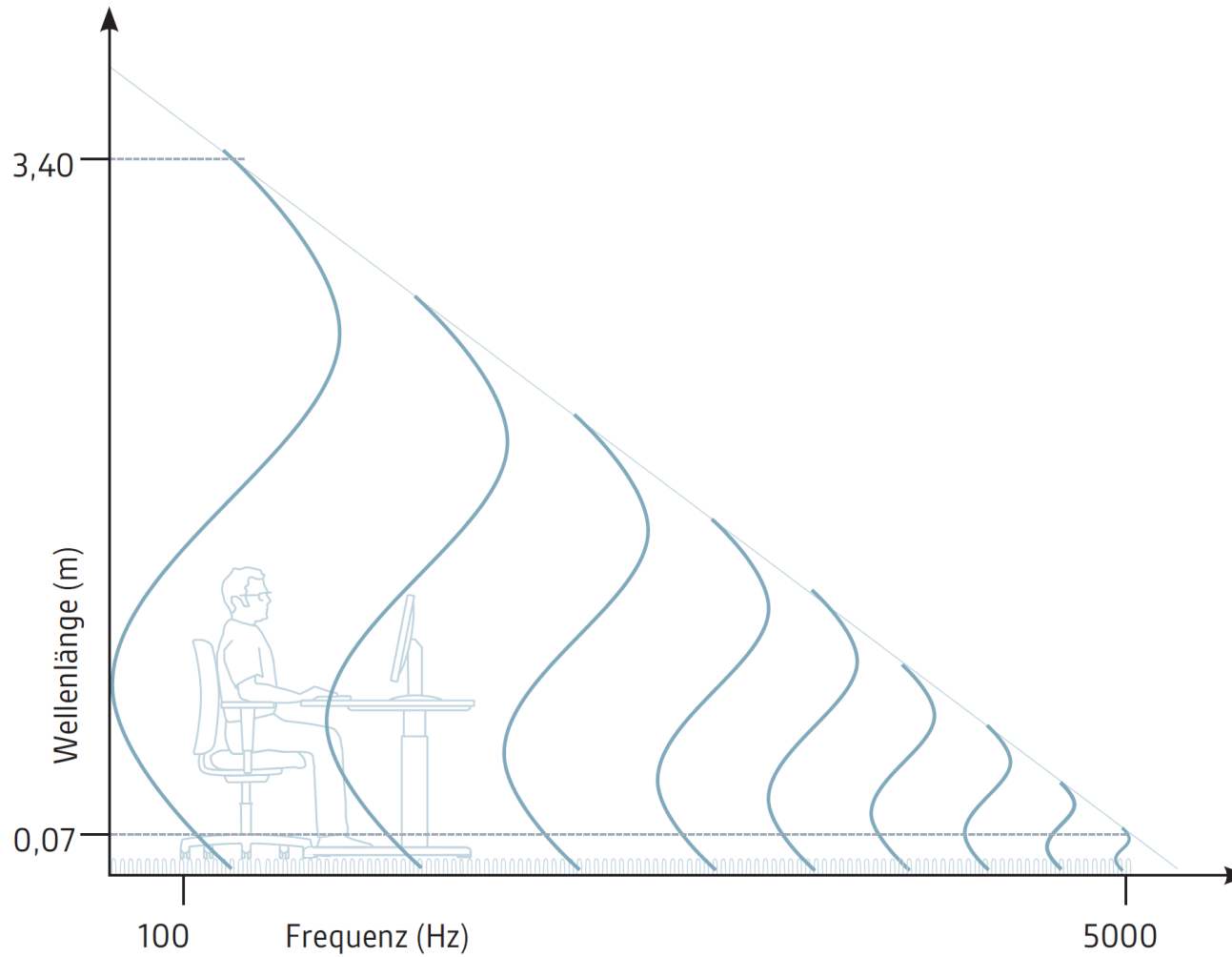


## Noise Frequencies





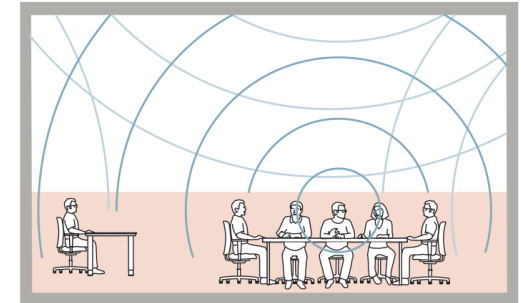
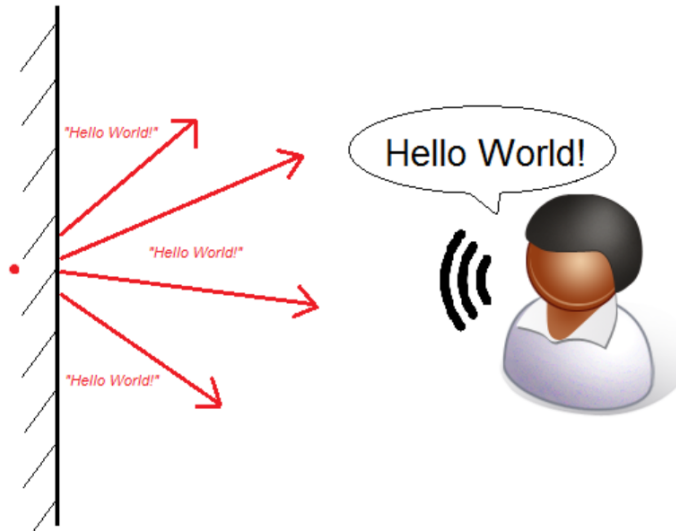
## Wave length





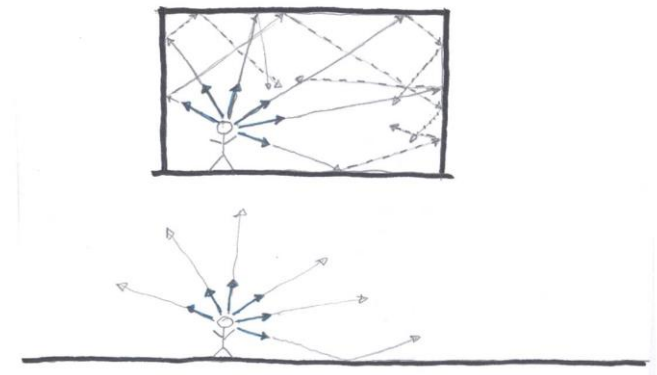


## Reverberation time Echo



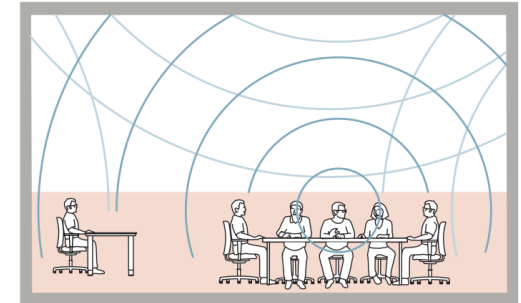
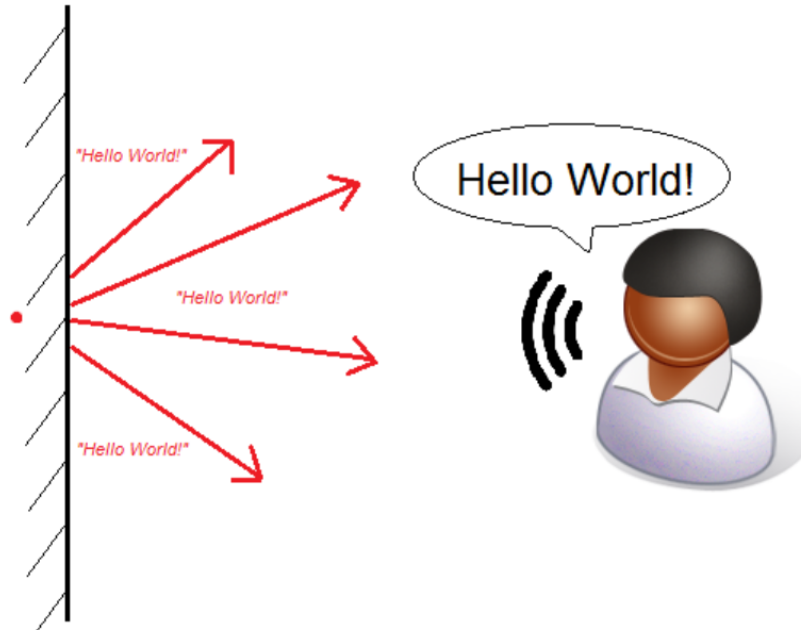
## Reverberation time (Examples)

Church:	4 - 8 sec.
Public swimming pool:	1.7 sec.
Concert hall with classic music:	1.5 sec.
Classroom in school:	0.6 sec.
Conference room:	0.8 to 1.2 sec.
Office room:	0.5 to 0.8 sec.





## The problem of Echo (Reverberation time)

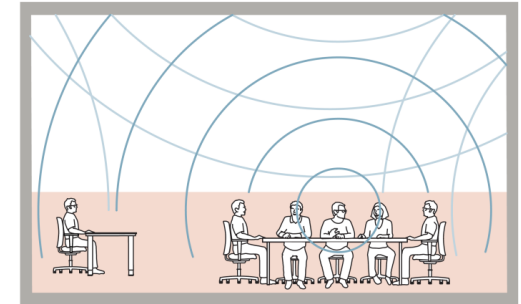
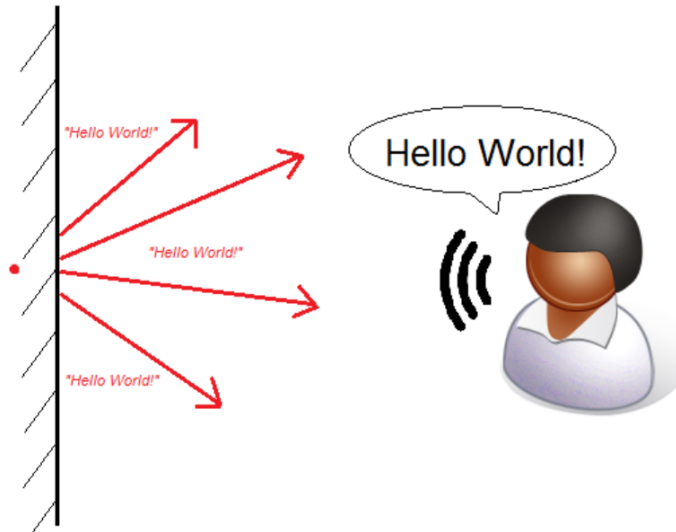


***Sorry, what did you say?  
I could not understand.  
Please repeat.***

***Please speak louder \*\*\*\*\****



## Reverberation time Echo



### Reverberation time and personal impression

Low frequencies too long + high frequencies too long:

Washed out and bad to understand

Low frequencies too long + high frequencies too short:

Dull, droning, but good to understand

Low frequencies too short + high frequencies too long:

Shrill, clanking, pointed, bad to understand

Low frequencies too short + high frequencies too short:

Dry but good to understand



**DIN 18041:2016-03**

DEUTSCHE NORM

März 2016

**DIN 18041****DIN**

ICS 17.140.01; 91.120.20

Ersatz für  
DIN 18041:2004-05**Hörsamkeit in Räumen –  
Anforderungen, Empfehlungen und Hinweise für die Planung**Acoustic quality in rooms –  
Specifications and instructions for the room acoustic designQualité acoustique dans les salles –  
Spécifications et instructions pour la planification

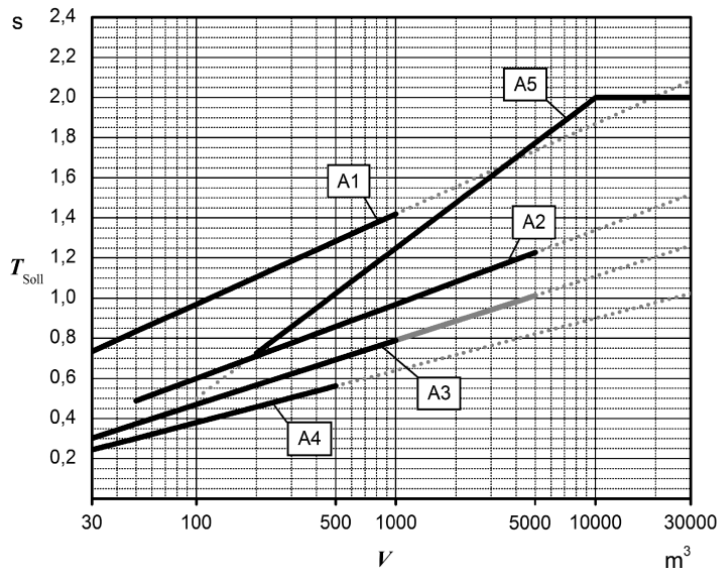


## DIN 18041:2016-03

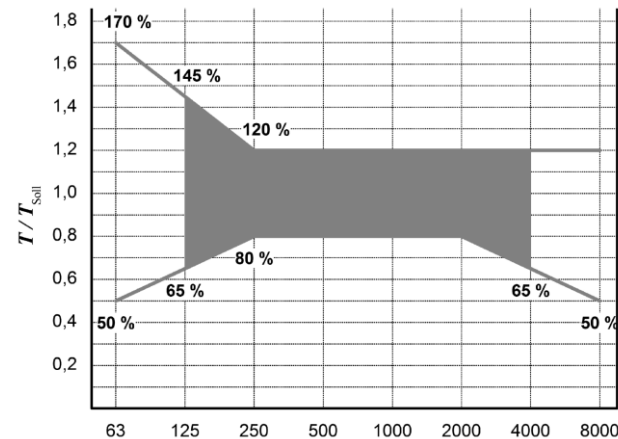
### Room type A

Room types:

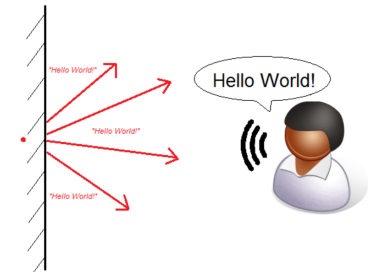
- A1: "Music";
- A2: "Language/Lecture";
- A3: "Teaching/Communication" as well as "language/lecture inclusive"
- A4: "Teaching/Communication inclusive";
- A5: "Sport".

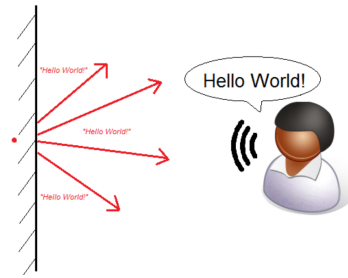


Default reverberation time depending on the room volume for typical room volumes for the purposes of this standard.



Tolerance range of reverberation time depending on frequency for usage types A1 to A4





## DIN 18041:2016-03 Room type B

### Room type B1:

Rooms without quality of stay

Entrance halls, hallways, staircases, etc. as a pure traffic area (excluding traffic areas in schools, children's day facilities, hospitals and nursing facilities)

### Room type B2:

Rooms for short-term stay

Entrance halls, hallways, staircases, etc. Traffic areas with a quality of stay (reception area with waiting areas), showrooms, switch halls, changing rooms in sports halls

### Room type B3:

Rooms for longer-term stays

Showrooms with interactivity or increased noise (multimedia, sound etc.), traffic areas in schools and children's Day facilities (kindergarten, nursery etc.), traffic areas with quality of stay in hospitals and nursing facilities (e.g. open waiting areas), patient waiting rooms, break areas, bed rooms, dorms, operating rooms, treatment rooms, examination rooms, consultation rooms, dining rooms, canteens, laboratories, libraries, sales rooms

### Room type B4:

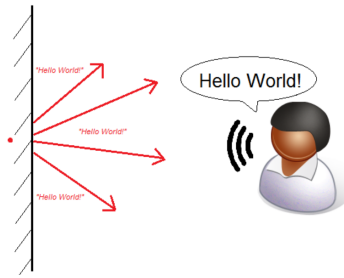
Rooms with a need for noise reduction and room comfort

Reception/switch area with permanent work place, laboratories with permanent work place, lending areas of libraries, output areas in canteens, residents' rooms in nursing facilities, Citizen's office, **offices**

### Room type B5:

Rooms with special need for noise reduction and room comfort

Dining rooms and canteens in **schools**, children's day facilities (kindergarten, nursery etc.), hospitals and nursing facilities, **work rooms** with particularly high noise levels (e.g. workshops, workshops, large kitchens, kitchen sinks), **call centers**, ...



## DIN 18041:2016-03

### Room type B

Usage At ceiling heights  $h \leq 2,5$  m  
At ceiling Heights  $h > 2,5$  m  
M2/m3

B1 Without requirement

B2	$A/V \geq 0,15$	$A/V \geq [4,80 + 4,69 \lg (h/1 \text{ m})]^{-1} \quad (7)$
B3	$A/V \geq 0,20$	$A/V \geq [3,13 + 4,69 \lg (h/1 \text{ m})]^{-1} \quad (8)$
B4	$A/V \geq 0,25$	$A/V \geq [2,13 + 4,69 \lg (h/1 \text{ m})]^{-1} \quad (9)$
B5	$A/V \geq 0,30$	$A/V \geq [1,47 + 4,69 \lg (h/1 \text{ m})]^{-1} \quad (10)$

(a) The equivalent sound absorption area of a room in square metres  
V the room volume in cubic meters  
H The clearance height in meters

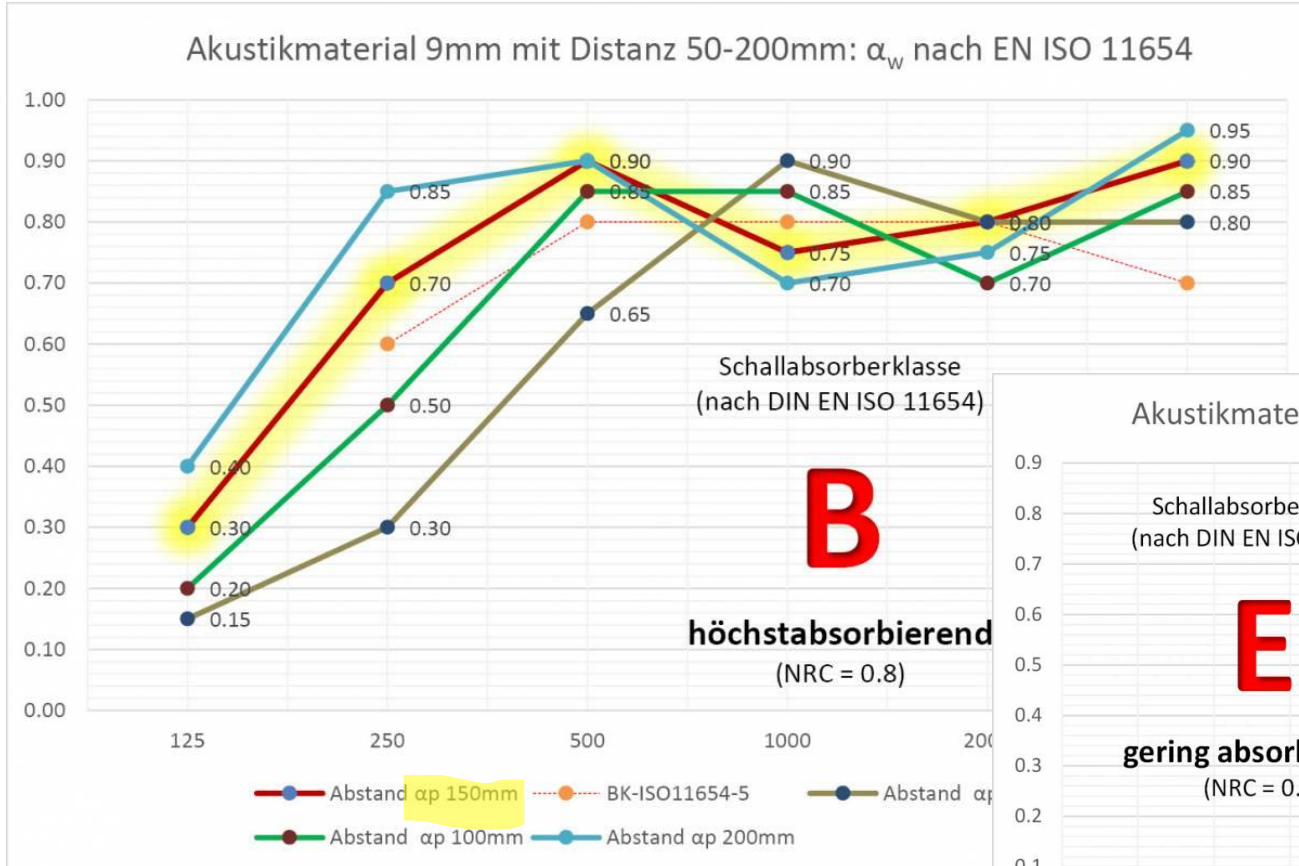




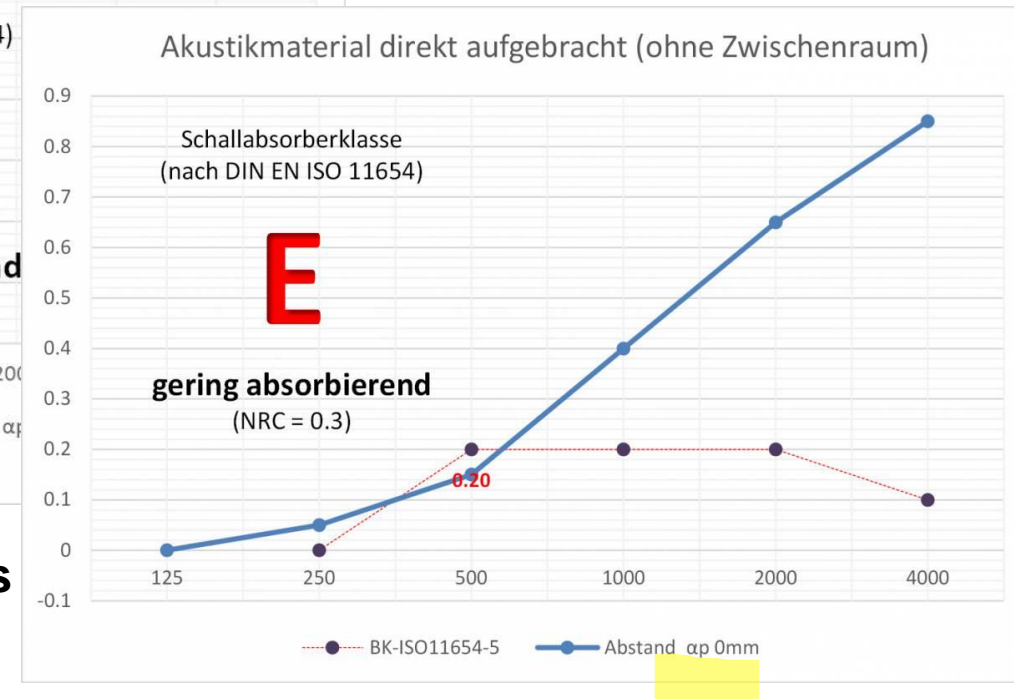
## Acoustic tests

### How to read and evaluate

1. Look at the details carefully
2. Compare chart with product



Same acoustic material – it's effectiveness varies from almost zero to good.





## Acoustic calculation

Example 1: OFFICE with 8 people (B4)



Step by step testing:

1. Sound absorber in Window top corner
2. Sound absorber at wall  
Wall picture frames
3. Sound absorber at ceiling





Berechnung der Raumakustik  
nach DIN 18041 für

© Peter Jordan  
www.Vital-Office.de

Gawronski GmbH							
Mehrpersonenbüro Rechts - Maßnahme 1 Eckabsorber							
Nutzungsart:	Länge	Breite	Höhe	V [m³]		S <sub>Total</sub> [m²]	
<b>B4 Räume mit Bedarf an Lärminderung und Raumkomfort</b>	<b>16.25</b>	<b>4.50</b>	<b>2.80</b>	<b>204.75</b>		<b>262.45</b>	
T(s) Sollwert gemäss DIN 18041   Sollwert Toleranz hoch	<b>0.57</b>	0.83	0.68	0.68	0.68	0.68	0.68
A/V Sollwert gemäss DIN 18041   Sollwert Toleranz niedrig	<b>0.24</b>	0.37	0.46	0.46	0.46	0.46	0.37
Material / Beschaffenheit	Fläche [m²]	Absorptionskoeffizient $\alpha_s$					
<b>Decke</b>	73.13						
Decke/Wand: Kalkzementputz	73.13	0.03	0.03	0.02	0.04	0.05	0.05
<b>Wände</b>	116.20						
Decke/Wand: Kalkzementputz	92.08	0.03	0.03	0.02	0.04	0.05	0.05
Fenster, Isolierverglasung	19.50	0.28	0.20	0.11	0.06	0.03	0.02
Fenster, Isolierverglasung	4.62	0.28	0.20	0.11	0.06	0.03	0.02
<b>Boden</b>	73.13						
Boden Teppich Nadelfilz 7 mm auf massivem Untergrund	73.13	0.02	0.04	0.12	0.20	0.36	0.57
Absorptionsgrad $\alpha_s(f) = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche $A_{\text{total}}(f)$	0.09	0.05	0.05	0.06	0.09	0.13	0.19
<b>Nachhallzeit nach Sabine <math>\bar{\alpha} T</math></b>	<b>1.75</b>	<b>2.53</b>	<b>2.63</b>	<b>2.27</b>	<b>1.47</b>	<b>0.95</b>	<b>0.66</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 18041</b>	<b>0.10</b>	<b>0.06</b>	<b>0.07</b>	<b>0.11</b>	<b>0.17</b>		

## Einrichtung

Tische mit Kunststoffbelägen	0.00	0.01	0.01	0.01	0.02	0.05	0.02
Stühle: Bürostuhl Polster pro Stk.	8.00	0.17	0.28	0.33	0.39	0.44	0.44
Tische Büroschreibtisch mit allem (Monitor, Papier) per Stk.	8.00	0.50	0.40	0.45	0.45	0.60	0.70
Absorptionsgrad $\alpha_s(f) = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche $A_{\text{total}}(f)$	0.12	0.07	0.07	0.08	0.11	0.17	0.23
<b>Nachhallzeit nach Sabine in den Frequenzen</b>	<b>1.28</b>	<b>1.80</b>	<b>1.84</b>	<b>1.59</b>	<b>1.14</b>	<b>0.76</b>	<b>0.56</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 18041</b>	<b>0.14</b>	<b>0.09</b>	<b>0.10</b>	<b>0.14</b>	<b>0.21</b>		

## Akustikmaßnahmen

vitAcoustic Premium PET 9mm Abstand 200	6.00	0.40	0.85	0.90	0.70	0.75	0.95
Absorptionsgrad $\alpha_s(f) = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche $A_{\text{total}}(f)$	0.14	0.08	0.09	0.10	0.13	0.18	0.25
<b>Nachhallzeit nach Sabine in den Frequenzen</b>	<b>1.08</b>	<b>1.60</b>	<b>1.44</b>	<b>1.27</b>	<b>0.99</b>	<b>0.69</b>	<b>0.51</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 18041</b>	<b>0.16</b>	<b>0.11</b>	<b>0.13</b>	<b>0.16</b>	<b>0.24</b>		

## Personen

Person Büro männlich im Anzug sitzend pro Person	8.00	0.15	0.25	0.55	0.80	0.90	0.90
Person Audience sitzend leichtpost. Stuhl pro Person	0.00	0.10	0.15	0.20	0.25	0.25	0.25
Absorptionsgrad $\alpha_s(f) = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche $A_{\text{total}}(f)$	0.16	0.08	0.10	0.12	0.15	0.21	0.28
<b>Nachhallzeit nach Sabine in den Frequenzen</b>	<b>0.97</b>	<b>1.51</b>	<b>1.32</b>	<b>1.08</b>	<b>0.84</b>	<b>0.60</b>	<b>0.46</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 18041</b>	<b>0.18</b>	<b>0.12</b>	<b>0.15</b>	<b>0.20</b>	<b>0.27</b>		

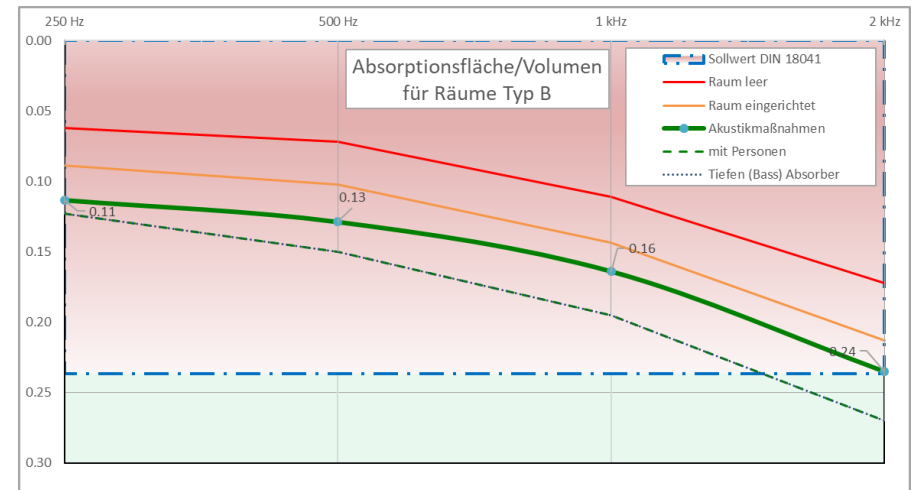
## Acoustic calculation

Example 1: OFFICE with 8 people



Step by step testing:

1. Sound absorber in Window top corner





Gawronski GmbH							
Beispiel Mehrpersonenbüro Rechts							
Nutzungsart:	Länge	Breite	Höhe	V [m³]		S <sub>total</sub> [m²]	
<b>B4 Räume mit Bedarf an Lärminderung und Raumkor</b>	<b>16.25</b>	<b>4.50</b>	<b>2.80</b>	<b>204.75</b>		<b>262.45</b>	
T(s) Sollwert gemäss DIN 18041   Sollwert Toleranz hoch	<b>0.57</b>	0.83	0.68	0.68	0.68	0.68	0.68
A/V Sollwert gemäss DIN 18041   Sollwert Toleranz niedrig	<b>0.24</b>	0.37	0.46	0.46	0.46	0.46	0.37
Material / Beschaffenheit	Fläche [m²]	Absorptionskoeffizient $\alpha_s$					
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz

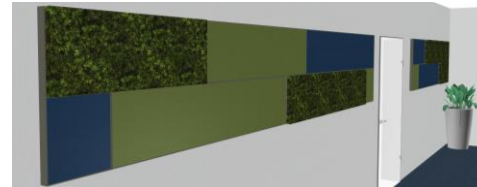
<b>Decke</b>	73.13						
Decke/Wand: Kalkzementputz	73.13	0.03	0.03	0.02	0.04	0.05	0.05
<b>Wände</b>	116.20						
Decke/Wand: Kalkzementputz	92.08	0.03	0.03	0.02	0.04	0.05	0.05
Fenster, Isolierverglasung	19.50	0.28	0.20	0.11	0.06	0.03	0.02
Fenster, Isolierverglasung	4.62	0.28	0.20	0.11	0.06	0.03	0.02
<b>Boden</b>	73.13						
Boden Teppich Nadelfilz 7 mm auf massivem Untergrund	73.13	0.02	0.04	0.12	0.20	0.36	0.57
Absorptionsgrad $\alpha_{s(f)} = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche $A_{\text{tot}}$	0.09	0.05	0.05	0.06	0.09	0.13	0.19
<b>Nachhallzeit nach Sabine o T</b>	<b>1.75</b>	<b>2.53</b>	<b>2.63</b>	<b>2.27</b>	<b>1.47</b>	<b>0.95</b>	<b>0.66</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 18041</b>	<b>0.10</b>	<b>0.06</b>	<b>0.07</b>	<b>0.11</b>	<b>0.17</b>		

<b>Einrichtung</b>							
Tische mit Kunststoffbelägen	0.00	0.01	0.01	0.01	0.02	0.05	0.02
Stühle: Bürostuhl Polster pro Stk.	8.00	0.17	0.28	0.33	0.39	0.44	0.44
Tische Büroschreibtisch mit allem (Monitor, Papier) per Stk.	8.00	0.50	0.40	0.45	0.45	0.60	0.70
Absorptionsgrad $\alpha_{s(f)} = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche $A_{\text{tot}}$	0.12	0.07	0.07	0.08	0.11	0.17	0.23
<b>Nachhallzeit nach Sabine in den Frequenzen</b>	<b>1.28</b>	<b>1.80</b>	<b>1.84</b>	<b>1.59</b>	<b>1.14</b>	<b>0.76</b>	<b>0.56</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 18041</b>	<b>0.14</b>	<b>0.09</b>	<b>0.10</b>	<b>0.14</b>	<b>0.21</b>		

<b>Akustikmaßnahmen</b>							
vitAcoustic Tiefenabsorber Wandabstand 400mm		0.87	0.98	0.67	0.48	0.23	0.27
vitAcoustic Premium PET 9mm Abstand 200		0.40	0.85	0.90	0.70	0.75	0.95
vitAcoustic Premium PET 9mm Abstand 200		0.40	0.85	0.90	0.70	0.75	0.95
vitAcoustic Premium PET 9mm Abstand 200	6.00	0.40	0.85	0.90	0.70	0.75	0.95
vitAcoustic Premium PET 9mm Abstand 50	7.36	0.09	0.29	0.68	0.95	0.95	0.91
vitAcoustic Premium PET 9mm Abstand 50		0.09	0.29	0.68	0.95	0.95	0.91
Absorptionsgrad $\alpha_{s(f)} = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche $A_{\text{tot}}$	0.16	0.08	0.10	0.12	0.15	0.21	0.27
<b>Nachhallzeit nach Sabine in den Frequenzen</b>	<b>0.97</b>	<b>1.55</b>	<b>1.32</b>	<b>1.06</b>	<b>0.82</b>	<b>0.61</b>	<b>0.46</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 18041</b>	<b>0.19</b>	<b>0.12</b>	<b>0.15</b>	<b>0.20</b>	<b>0.27</b>		

<b>Personen</b>							
Person Büro männlich im Anzug sitzend pro Person	8.00	0.15	0.25	0.55	0.80	0.90	0.90
Person Audience sitzend leichtpost. Stuhl pro Person	0.00	0.10	0.15	0.20	0.25	0.25	0.25
Absorptionsgrad $\alpha_{s(f)} = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche $A_{\text{tot}}$	0.17	0.09	0.10	0.14	0.18	0.24	0.30
<b>Nachhallzeit nach Sabine in den Frequenzen</b>	<b>0.88</b>	<b>1.47</b>	<b>1.22</b>	<b>0.93</b>	<b>0.71</b>	<b>0.54</b>	<b>0.42</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 18041</b>	<b>0.21</b>	<b>0.13</b>	<b>0.17</b>	<b>0.23</b>	<b>0.30</b>		

<b>Tiefen (Bass) Absorber</b>							
Absorptionsgrad $\alpha_{s(f)} = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche $A_{\text{tot}}$	0.17	0.09	0.10	0.14	0.18	0.24	0.30
<b>Nachhallzeit nach Sabine in den Frequenzen</b>	<b>0.88</b>	<b>1.47</b>	<b>1.22</b>	<b>0.93</b>	<b>0.71</b>	<b>0.54</b>	<b>0.42</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 18041</b>	<b>0.21</b>	<b>0.13</b>	<b>0.17</b>	<b>0.23</b>	<b>0.30</b>		



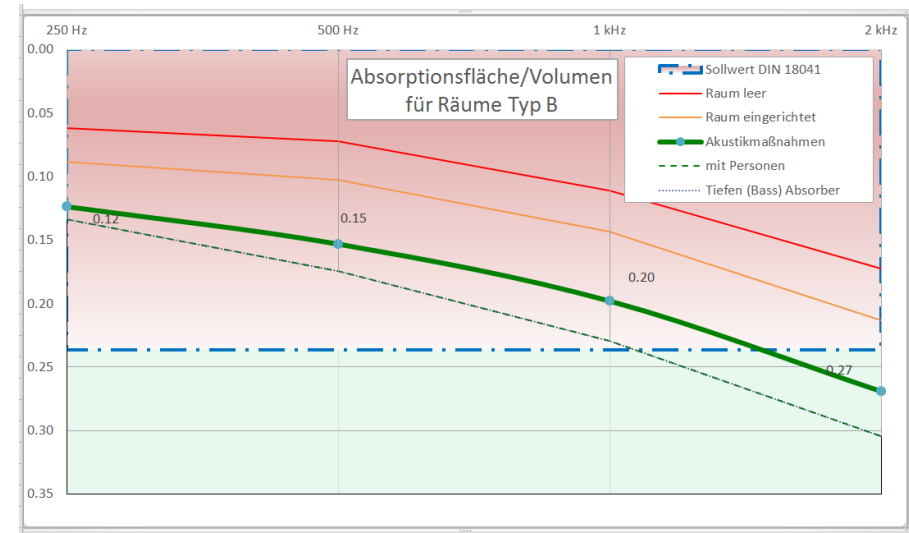
## Acoustic calculation

### Example 1: OFFICE with 8 people



### Step by step testing:

1. Sound absorber in Window top corner
2. Sound absorber at wall  
Wall picture frames







Berechnung der Raumakustik  
nach DIN 18041 für

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Gawronski GmbH						
Beispiel Mehrpersonenbüro Rechts						
Nutzungsart:	Länge	Breite	Höhe	V [m³]	S <sub>Total</sub> [m²]	
<b>B4 Räume mit Bedarf an Lärminderung und Raumklima</b>	<b>16.25</b>	<b>4.50</b>	<b>2.80</b>	<b>204.75</b>	<b>262.45</b>	
T(s) Sollwert gemäss DIN 18041   Sollwert Toleranz hoch	0.57	0.83	0.68	0.68	0.68	0.68
A/V Sollwert gemäss DIN 18041   Sollwert Toleranz niedrig	0.24	0.37	0.46	0.46	0.46	0.37
<b>Material / Beschaffenheit</b>	<b>Fläche [m²]</b>	<b>Absorptionskoeffizient <math>\alpha_s</math></b>				

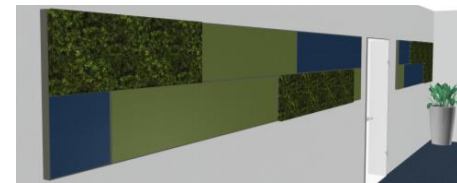
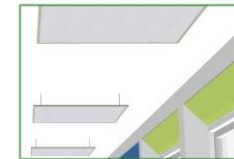
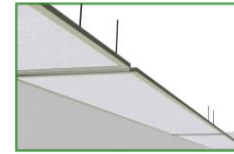
<b>Decke</b>	73.13						
Decke/Wand: Kalkzementputz	73.13	0.03	0.03	0.02	0.04	0.05	0.05
<b>Wände</b>	116.20						
Decke/Wand: Kalkzementputz	92.08	0.03	0.03	0.02	0.04	0.05	0.05
Fenster, Isolierverglasung	19.50	0.28	0.20	0.11	0.06	0.03	0.02
Fenster, Isolierverglasung	4.62	0.28	0.20	0.11	0.06	0.03	0.02
<b>Boden</b>	73.13						
Boden Teppich Nadelfilz 7 mm auf massivem Untergrund	73.13	0.02	0.04	0.12	0.20	0.36	0.57
Absorptionsgrad $\alpha_s(f) = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche A <sub>toti</sub>	0.09	0.05	0.05	0.06	0.09	0.13	0.19
<b>Nachhallzeit nach Sabine <math>\bar{\alpha} T</math></b>	<b>1.75</b>	<b>2.53</b>	<b>2.63</b>	<b>2.27</b>	<b>1.47</b>	<b>0.95</b>	<b>0.66</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 18041</b>	<b>0.10</b>	<b>0.06</b>	<b>0.07</b>	<b>0.11</b>	<b>0.17</b>		

<b>Einrichtung</b>							
Tische mit Kunststoffbelägen	0.00	0.01	0.01	0.01	0.02	0.05	0.02
Stühle: Bürostuhl Polster pro Stk.	8.00	0.17	0.28	0.33	0.39	0.44	0.44
Tische Büroschreibtisch mit allem (Monitor, Papier) per Stk	8.00	0.50	0.40	0.45	0.45	0.60	0.70
Absorptionsgrad $\alpha_s(f) = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche A <sub>toti</sub>	0.12	0.07	0.07	0.08	0.11	0.17	0.23
<b>Nachhallzeit nach Sabine in den Frequenzen</b>	<b>1.28</b>	<b>1.80</b>	<b>1.84</b>	<b>1.59</b>	<b>1.14</b>	<b>0.76</b>	<b>0.56</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 18041</b>	<b>0.14</b>	<b>0.09</b>	<b>0.10</b>	<b>0.14</b>	<b>0.21</b>		

<b>Akustikmaßnahmen</b>							
vitAcoustic Tiefenabsorber Wandabstand 400mm	0.87	0.98	0.67	0.48	0.23	0.27	
vitAcoustic Premium PET 9mm Abstand 200	5.76	0.40	0.85	0.90	0.70	0.75	0.95
vitAcoustic Premium PET 9mm Abstand 200	5.90	0.40	0.85	0.90	0.70	0.75	0.95
vitAcoustic Premium PET 9mm Abstand 200	6.00	0.40	0.85	0.90	0.70	0.75	0.95
vitAcoustic Premium PET 9mm Abstand 50	7.36	0.09	0.29	0.68	0.95	0.95	0.91
Absorptionsgrad $\alpha_s(f) = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche A <sub>toti</sub>	0.19	0.10	0.13	0.16	0.19	0.24	0.32
<b>Nachhallzeit nach Sabine in den Frequenzen</b>	<b>0.77</b>	<b>1.27</b>	<b>0.95</b>	<b>0.80</b>	<b>0.69</b>	<b>0.52</b>	<b>0.40</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 18041</b>	<b>0.23</b>	<b>0.17</b>	<b>0.20</b>	<b>0.24</b>	<b>0.31</b>		

<b>Personen</b>							
Person Büro männlich im Anzug sitzend pro Person	6.00	0.15	0.25	0.55	0.80	0.90	0.90
Person Audience sitzend leichtpost. Stuhl pro Person	0.00	0.10	0.15	0.20	0.25	0.25	0.25
Absorptionsgrad $\alpha_s(f) = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche A <sub>toti</sub>	0.20	0.10	0.14	0.17	0.20	0.26	0.34
<b>Nachhallzeit nach Sabine in den Frequenzen</b>	<b>0.73</b>	<b>1.23</b>	<b>0.91</b>	<b>0.74</b>	<b>0.62</b>	<b>0.48</b>	<b>0.38</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 18041</b>	<b>0.25</b>	<b>0.18</b>	<b>0.22</b>	<b>0.26</b>	<b>0.34</b>		

<b>Tiefen (Bass) Absorber</b>							
Absorptionsgrad $\alpha_s(f) = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche A <sub>toti</sub>	0.20	0.10	0.14	0.17	0.20	0.26	0.34
<b>Nachhallzeit nach Sabine in den Frequenzen</b>	<b>0.73</b>	<b>1.23</b>	<b>0.91</b>	<b>0.74</b>	<b>0.62</b>	<b>0.48</b>	<b>0.38</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 18041</b>	<b>0.25</b>	<b>0.18</b>	<b>0.22</b>	<b>0.26</b>	<b>0.34</b>		



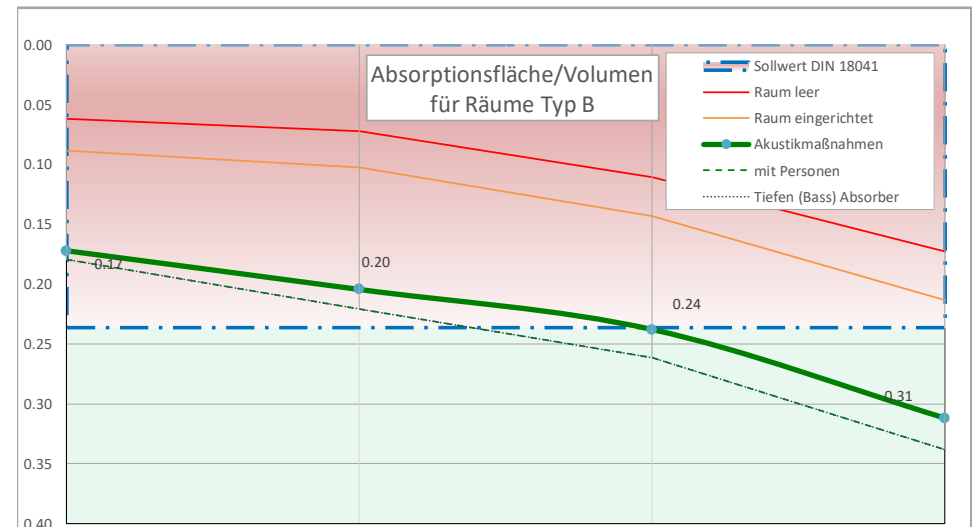
## Acoustic calculation

Example 1: OFFICE with 8 people



Step by step testing:

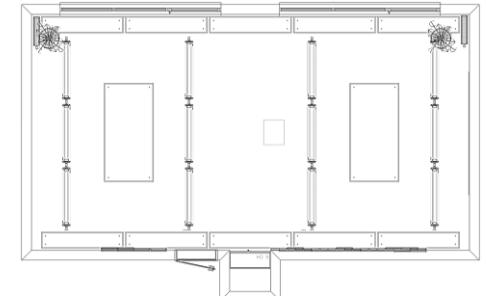
1. Sound absorber in Window top corner
2. Sound absorber at wall  
Wall picture frames
3. Sound absorber at ceiling





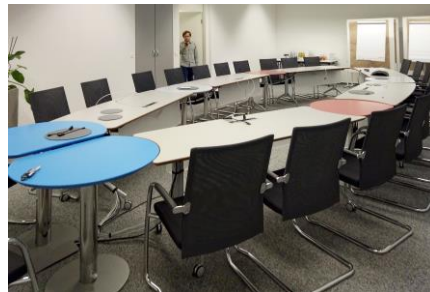
## Acoustic calculation

### Example 2: Conference room



Testing:

1. Sound absorber at wall  
Wall picture frames
2. Sound absorber at ceiling





Nutzungsart:	Länge	Breite	Höhe	V [m³]	S <sub>total</sub> [m²]
<b>A3 Unterricht/Kommunikation - Sprache/Vortrag inkl.</b>	<b>10.00</b>	<b>7.00</b>	<b>2.90</b>	<b>203.00</b>	<b>238.60</b>
T(s) Sollwert gemäss DIN 18041   Sollwert Toleranz hoch	0.57	0.82	0.68	0.68	0.68
A/V Sollwert gemäss DIN 18041   Sollwert Toleranz niedrig	0.23	0.37	0.45	0.45	0.45

Material / Beschaffenheit	Fläche [m²]	Absorptionskoeffizient $\alpha_e$					
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz
<b>Decke</b>	70.00						
Decke/Wand: Tapete auf Kalkzementputz	70.00	0.02	0.03	0.04	0.05	0.07	0.08
<b>Wände</b>	98.60						
Decke/Wand: Tapete auf Kalkzementputz	81.90	0.02	0.03	0.04	0.05	0.07	0.08
Fenster, Isolierverglasung	11.70	0.28	0.20	0.11	0.06	0.03	0.02
Tür im Raum Holz lackiert (glatt)	2.00	0.10	0.08	0.06	0.05	0.05	0.05
Schrank Allg. mit Kunststoffbelägen	3.00	0.01	0.01	0.01	0.02	0.05	0.02
Vorhang, Lamellenvorhang standard 90° offen	20.30	0.03	0.06	0.13	0.28	0.49	0.56
<b>Boden</b>	70.00						
Boden Teppich bis 6 mm auf massivem Untergrund	70.00	0.02	0.04	0.07	0.19	0.29	0.35
Absorptionsgrad $\alpha_a(f) = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche $A_{\text{total}}$	0.11	0.04	0.05	0.06	0.12	0.17	0.20
<b>Nachhallzeit nach Sabine <math>\alpha T</math></b>	<b>1.96</b>	<b>3.87</b>	<b>2.98</b>	<b>2.20</b>	<b>1.21</b>	<b>0.80</b>	<b>0.68</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 1804'</b>	<b>0.12</b>	<b>0.05</b>	<b>0.07</b>	<b>0.14</b>	<b>0.20</b>		

#### Einrichtung

Tische mit Kunststoffbelägen	6.00	0.01	0.01	0.01	0.02	0.05	0.02
Stühle: Bürostuhl NetZRücken pro Stk.	23.00	0.08	0.14	0.17	0.19	0.22	0.22
Tische Büroschreibtisch mit allem (Monitor, Papier) per Stk	0.00	0.50	0.40	0.45	0.45	0.60	0.70
Absorptionsgrad $\alpha_a(f) = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche $A_{\text{total}}$	0.12	0.04	0.06	0.08	0.13	0.20	0.22
<b>Nachhallzeit nach Sabine in den Frequenzen</b>	<b>1.59</b>	<b>3.15</b>	<b>2.31</b>	<b>1.75</b>	<b>1.03</b>	<b>0.71</b>	<b>0.62</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 1804'</b>	<b>0.14</b>	<b>0.07</b>	<b>0.09</b>	<b>0.16</b>	<b>0.23</b>		

#### Akustikmaßnahmen

vitAcoustic Premium PET 9mm Abstand 150	8.00	0.42	0.74	0.96	0.79	0.83	0.94
vitAcoustic Premium PET 9mm Abstand 150	1.60	0.42	0.74	0.96	0.79	0.83	0.94
vitAcoustic Premium PET 9mm Abstand 150	5.76	0.42	0.74	0.96	0.79	0.83	0.94
vitAcoustic Premium PET 9mm Abstand 50	2.88	0.09	0.29	0.68	0.95	0.95	0.91
vitAcoustic Premium PET 9mm Abstand 50	2.08	0.09	0.29	0.68	0.95	0.95	0.91
vitAcoustic Premium PET 9mm Abstand 50	2.88	0.09	0.29	0.68	0.95	0.95	0.91
Absorptionsgrad $\alpha_a(f) = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche $A_{\text{total}}$	0.19	0.07	0.12	0.16	0.22	0.28	0.32
<b>Nachhallzeit nach Sabine in den Frequenzen</b>	<b>0.91</b>	<b>1.87</b>	<b>1.18</b>	<b>0.85</b>	<b>0.64</b>	<b>0.49</b>	<b>0.44</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 1804'</b>	<b>0.23</b>	<b>0.14</b>	<b>0.19</b>	<b>0.25</b>	<b>0.33</b>		

#### Personen

Person Büro männlich im Anzug sitzend pro Person	8.00	0.15	0.25	0.55	0.80	0.90	0.90
Person Büro weiblich im Sommerkleid sitzend pro Person	8.00	0.05	0.10	0.15	0.35	0.45	0.60
Absorptionsgrad $\alpha_a(f) = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche $A_{\text{total}}$	0.22	0.08	0.13	0.19	0.25	0.33	0.37
<b>Nachhallzeit nach Sabine in den Frequenzen</b>	<b>0.81</b>	<b>1.72</b>	<b>1.08</b>	<b>0.74</b>	<b>0.54</b>	<b>0.43</b>	<b>0.38</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 1804'</b>	<b>0.26</b>	<b>0.15</b>	<b>0.22</b>	<b>0.30</b>	<b>0.38</b>		

#### Tiefen (Bass) Absorber

vitAcoustic Tiefenabsorber in Raumecke	6.61	1.59	1.12	0.76	0.37	0.18	0.23
Absorptionsgrad $\alpha_a(f) = A_{\text{total}} / S_{\text{total}}$   Absorptionsfläche $A_{\text{total}}$	0.24	0.12	0.16	0.21	0.26	0.33	0.37
<b>Nachhallzeit nach Sabine in den Frequenzen</b>	<b>0.66</b>	<b>1.11</b>	<b>0.87</b>	<b>0.67</b>	<b>0.52</b>	<b>0.42</b>	<b>0.37</b>
<b>Verhältnis Absorptionsfläche / Volumen nach DIN 1804'</b>	<b>0.28</b>	<b>0.19</b>	<b>0.24</b>	<b>0.31</b>	<b>0.39</b>		

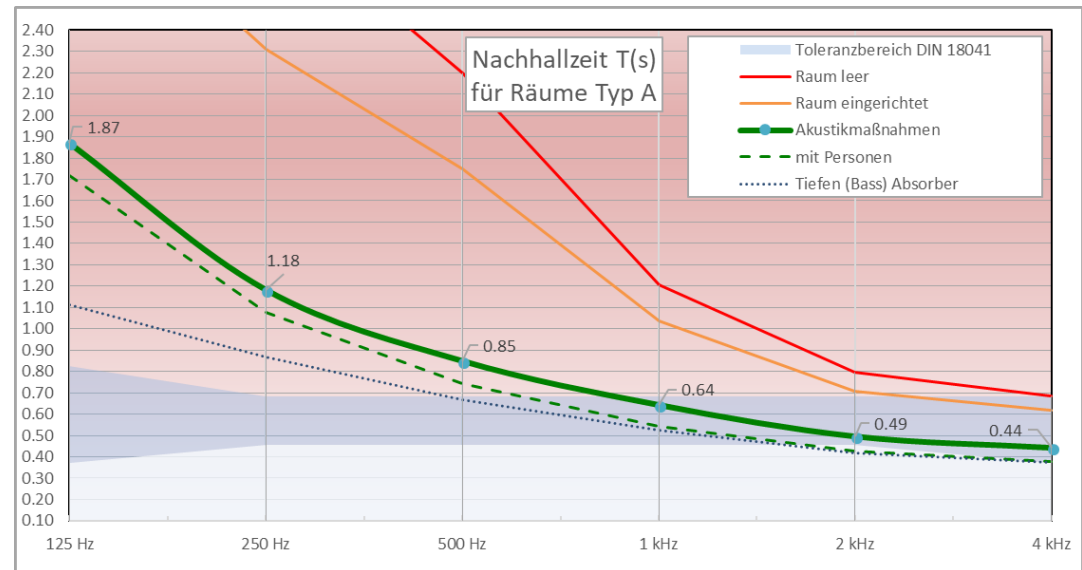


## Acoustic calculation

### Example 2: Conference room (A3)

Testing:

1. Sound absorber at wall  
Wall picture frames
2. Sound absorber at ceiling





## Acoustic products



vitAcoustic 3d-frames - highly sound absorbable

### VitAcoustic coloured and highly absorbent broadband surface wall absorbers

Acoustics "Beautiful" design with small and large-scale höchstabsorbierenden acoustic absorbers in 19 standard colours. This means that acoustic absorbers become the design element-without the cost of more. They design with...



vitAcoustic 3d-frames - highly sound absorbable

### Room acoustic measure for the Ballroom of the youth aid Waldhaus in Malsch

An echo makes the use of the ballroom of the Youth aid Waldhaus/Walder school in Malsch almost impossible. The echo, or the sound reflections were so high that nothing could...







vitAcoustic 3d-frames - highly sound absorbable

## VitAcoustic 3d Frames - an acoustically correct concept

A new development with low costs but with a high degree of efficiency in sound absorption. The solid wood bamboo frames, in which vitAcoustic panels can be clipped without tools...



vitAcoustic 3d-frames - highly sound absorbable

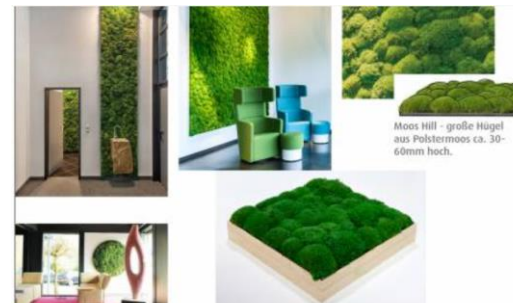
## vitAcoustic 3d-frames in 19 colors PET Acoustic - Bestseller Buy Now

A new development with low costs but at the same time highly efficient in sound absorption: A beautiful opportunity to bring together design and function are the solid wood bamboo...

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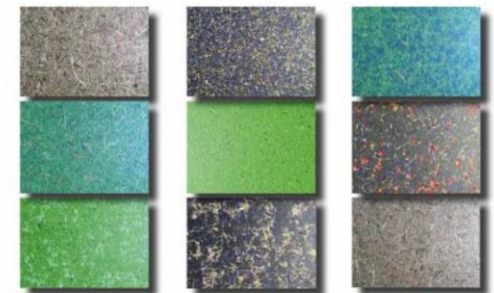
## Acoustic products



vitAcoustic 3d-frames - highly sound absorbable

## vitAcoustic Acoustic pictures with real moss acoustic cassette with bamboo wood

Due to the special method of conservation of Island Moss and Hill (Upholstery Moss), the natural materials retain their fresh green, and the moss images and walls do not require...



vitAcoustic 3d-frames - highly sound absorbable

## vitAcoustic Acoustic pictures with real hay & moss - Acoustic cassette with bamboo

Fragrant real hay, hay flowers and mosses applied directly to vitAcoustic absorber plates. Another versatile way of experiencing real natural products with all senses (seeing, touching, smelling). The special patented preservation and...



## Acoustic products



Acoustic furniture

### vitAcoustic · Acoustic sideboard

Highly absorbing sound absorber as blind and furniture area for modular cabinets. A large absorbing surface and at the same time the highest sound-absorbing values of class A are usually...



Acoustic furniture

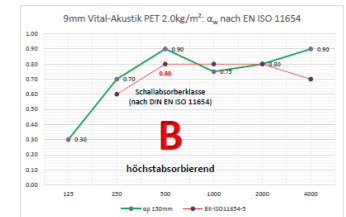
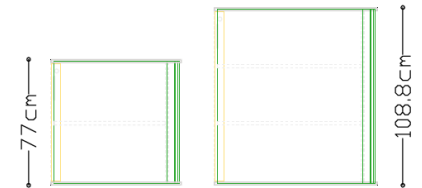
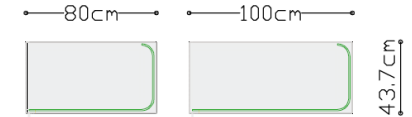
### VitAcoustic: Sound-absorbing shutter cabinets

Highly absorbent flexible vitAcoustic sound absorbers as blinds for shutter cabinets transform barrier into highly effective broadband absorbers cost-effectively. Following the principle of microperforation, the textile vitAcoustic plates, combined with...

### Akustikschrank

Höchstabsorbierende Schallabsorber als Jalousie und Möbelfläche für Rollladenschränke

Höchstabsorbierende flexible Filzplatten als Jalousie für Rollladenschränke. Rückwand optional ebenfalls mit Filzplatten belegt.





## Acoustic products

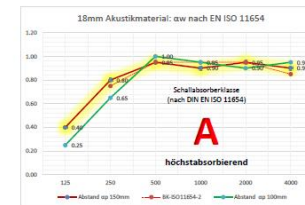


### vitAcoustic Qiboard

Höchstabsorbierende flexible  
Schallabsorber als Rollläden für  
Jalousieschränke

Flexible vitAkustik Platten als Rolllä-  
den für Qiboard-Rollladenschränke.

Mit ca. 2m<sup>2</sup> höchstabsorbierende Ab-  
sorberfläche und dem Hohlraum des  
Schränkinnern werden Werte wie der  
Klasse A erzielt.







## Acoustic products

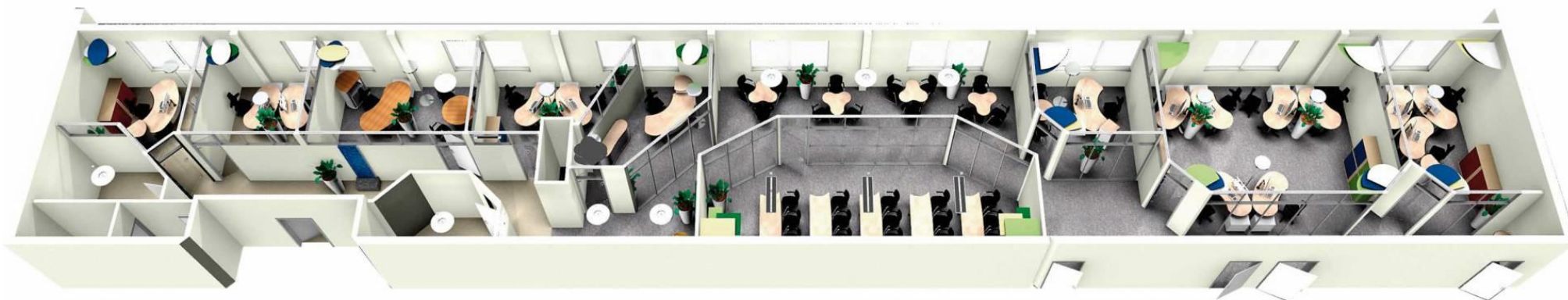


## Raumgestaltung nach Vital-Office Design Prinzipien

Inspiziert von der Kraft der Natur versteht Vital Office den „Lebensraum Arbeitsplatz“ unter ganzheitlichen Aspekten. Deshalb stehen bei Vital-Office nicht allein die Büromöbel im Mittelpunkt, sondern die Kombination aus Innenarchitektur, Licht, Akustik, Ergonomie und Feng Shui.

## Raumplanung

Frischen Wind und spannende Raumgeometrie für Arbeitschutzunternehmen



Nicht die Neuausstattung mit Möbeln stand hier an erster Stelle, sondern der Wunsch des Kunden, eine interessante Raumstruktur zu schaffen, welche lange, dunkle Flure auflöst, Räume besser als bisher belichtet und die unterschiedlichen Anforderungen zweier Bereiche, nämlich Praxis und Verwaltung, miteinander verknüpft.

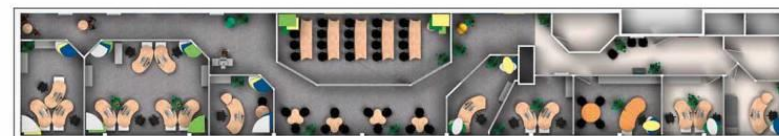
Unser Vital-Office Konzept lässt mittig des Gesamtgrundrisses ein „Herzstück“ Kommunikation entstehen, an dem sich die Büros angliedern. Der Flurbereich passt sich den Räumlichkeiten mäandrierend an, sodass sich für die Nutzer auch dort spannende Räume ergeben.

Es wurde eine Trennwand gewählt, welche zu großen Teilen aus Glasteilen besteht, um möglichst viel Tageslicht einzufangen. Da harte Flächen wie Glas den Schall weniger gut aufnehmen, kamen dreidimensionale Akustikmobiles zum Einsatz.

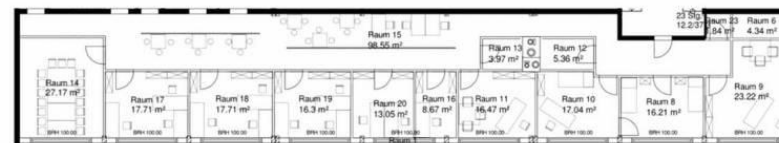
Akustik Mobiles



Akustik Wandbilder



Vital-Office Planung



Konventionelle Planung



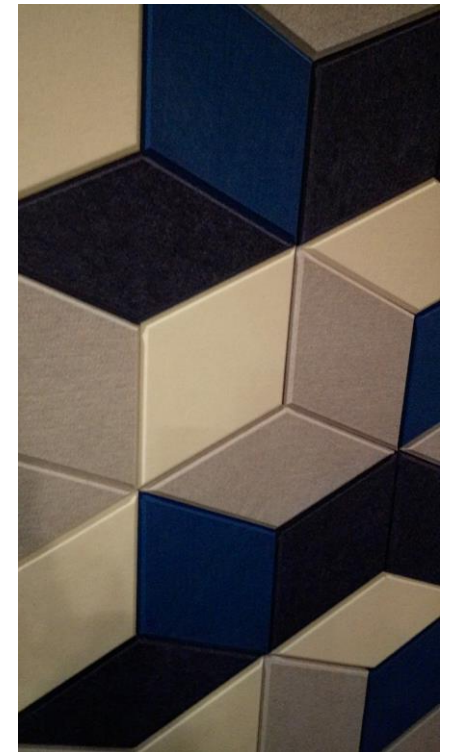
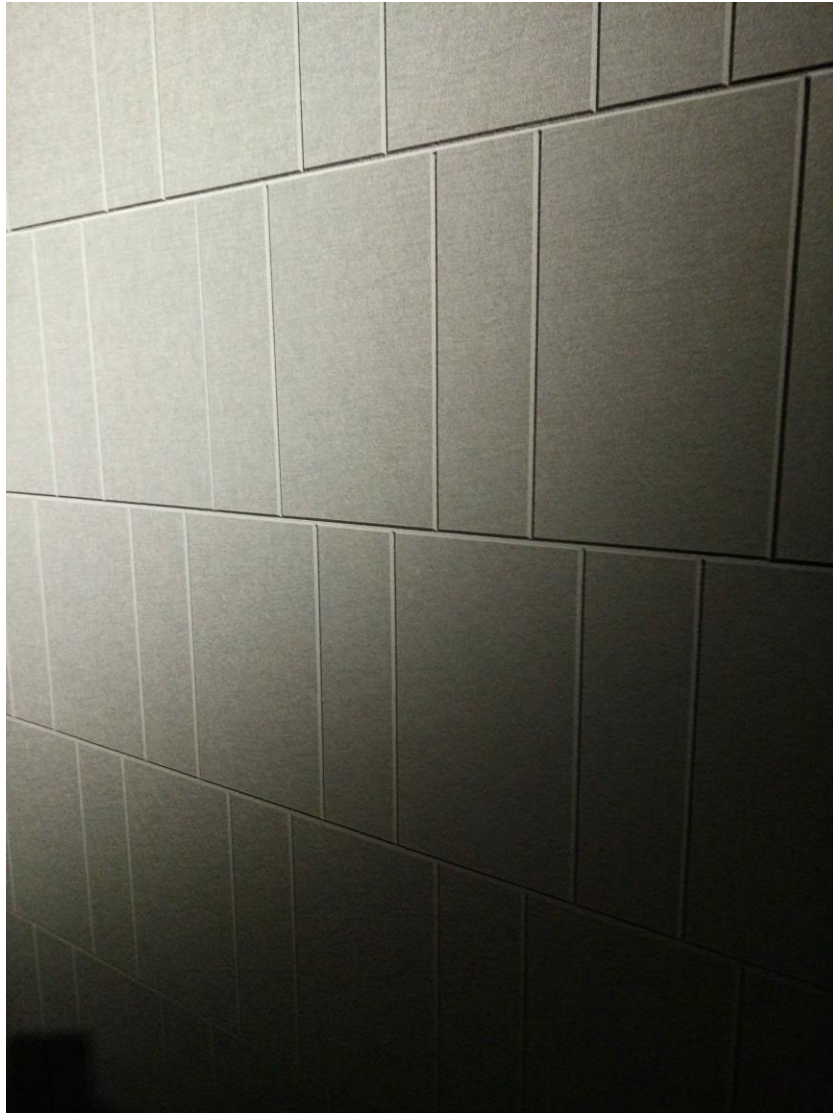


## Acoustic products





## Acoustic products





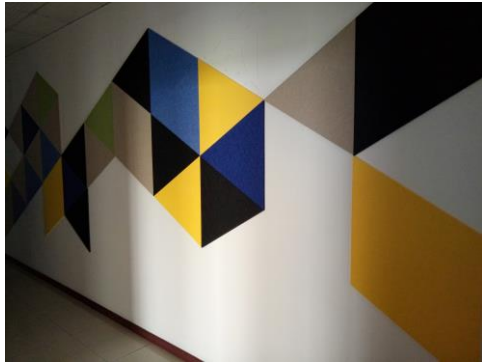


## Acoustic products



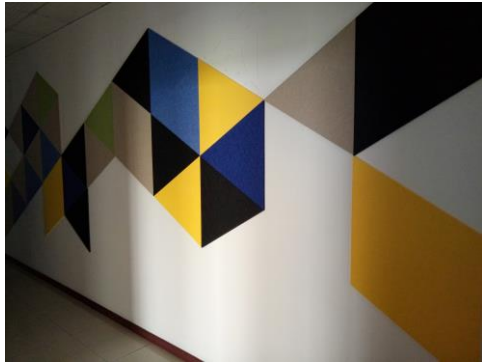


## Acoustic products





## Acoustic products







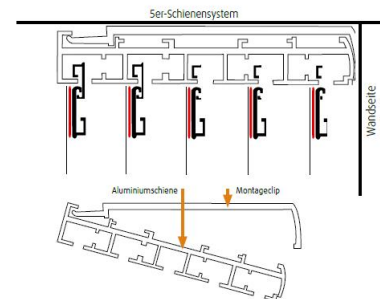
## Acoustic products



### Akustische Raumgliederung

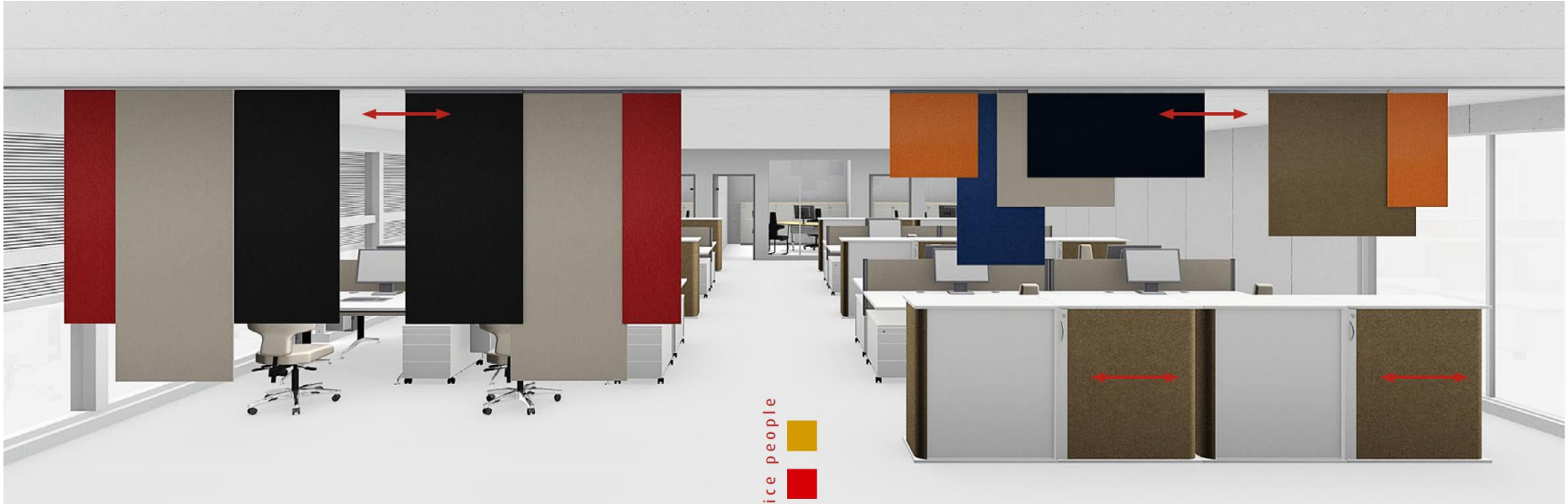
Akustik Flächenvorhänge in verschiedenen Größen und Farben, die flexibel hin und hergeschoben werden können

Werden die Schiebevordänge im Rauminnen als Trennelemente eingesetzt, entstehen immer wieder neue interessante Raumperspektiven und es lässt sich schnell auch ein ruhiger Ort für z.B. eine Kurzbesprechung oder konzentriertes Arbeiten schaffen.





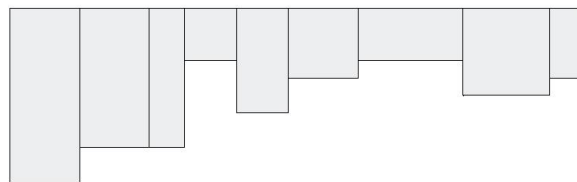
## Acoustic products



### Akustische Raumgliederung

Werden die Schiebevordänge im Rauminnen als Trennelemente eingesetzt, entstehen immer wieder neue interessante Raumperspektiven und es lässt sich schnell auch ein ruhiger Ort für z.B. eine Kurzbesprechung oder konzentriertes Arbeiten schaffen.

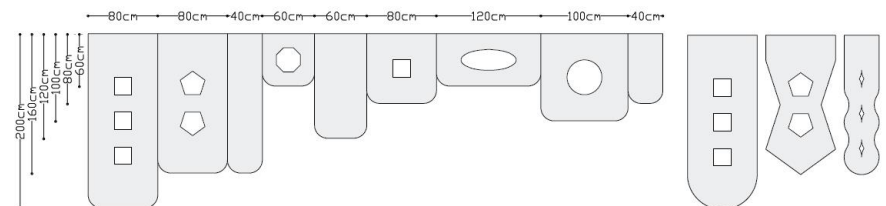
Von Decke hängend oder vor einer Wand. Verschiebbar und überlappend. aufschiene 5-fach für Deckenmontage oder mit Wandwinkel für Wandmontage.



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Rechteckig zugeschnitten oder mit runden Ecken und Ausschnitten und in Freiformen. Maximales Maß 2400x1200mm.





## Acoustic products



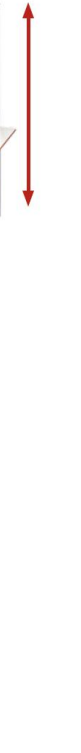
### Akustik Partition

Höchstabsorbierende Schallabsorber als Stellwand, Tischpartition und Möbelfläche

Tischklemme im Aluminium Profil individuell höhenstellbar. Kombination von verschiedenen Größen und Farben. Verbindungsprofile und flexible Scharniere.

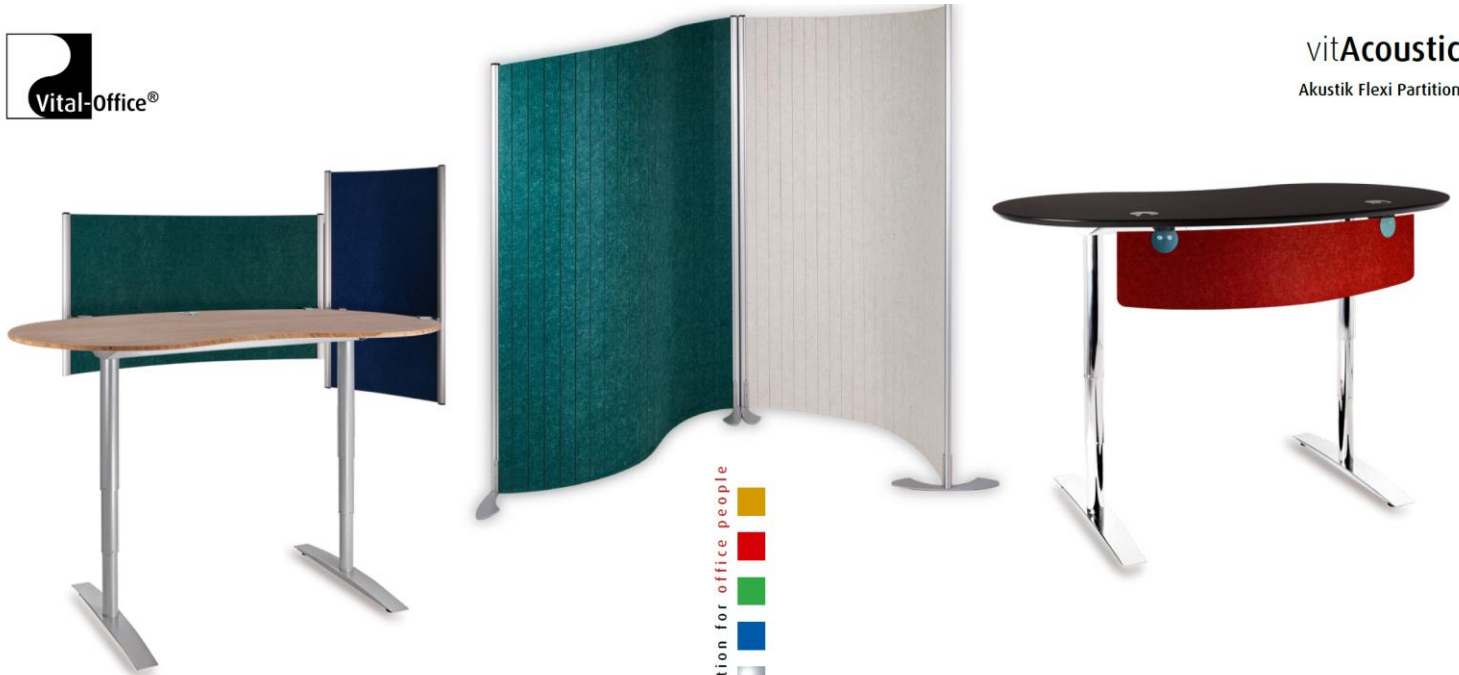


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## Acoustic products



vitAcoustic  
Akustik Flexi Partition

### Akustik Flexi-Partition

Höchstabsorbierende Schallsorber als Stellwand und Tischpartition in flexibler, biegsamer Ausführung.

Standfuß oder Tischklemme im Aluminium Profil individuell höhenstellbar. Kombination von verschiedenen Größen und Farben. Verbindungsprofile und flexible Scharniere.



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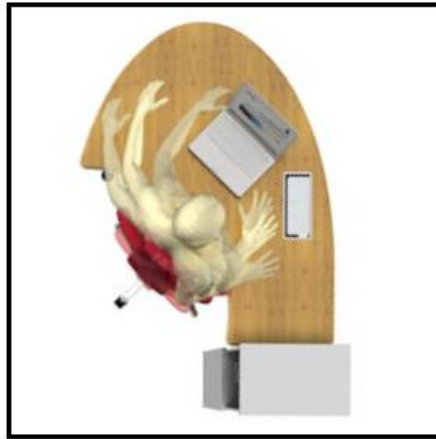


				
Plexiglas satina 1100 x 248mm 8dpp1102-PKS	Akustik PET 1100 x 248mm 8dpp11022-PET	Plexiglas satina 1257 x 405mm 8dpp12540-PKS	Akustik PET 1257 x 405mm 8dpp12540-PKD	Softprotection bedruckt Mehrpreis





## Acoustic products

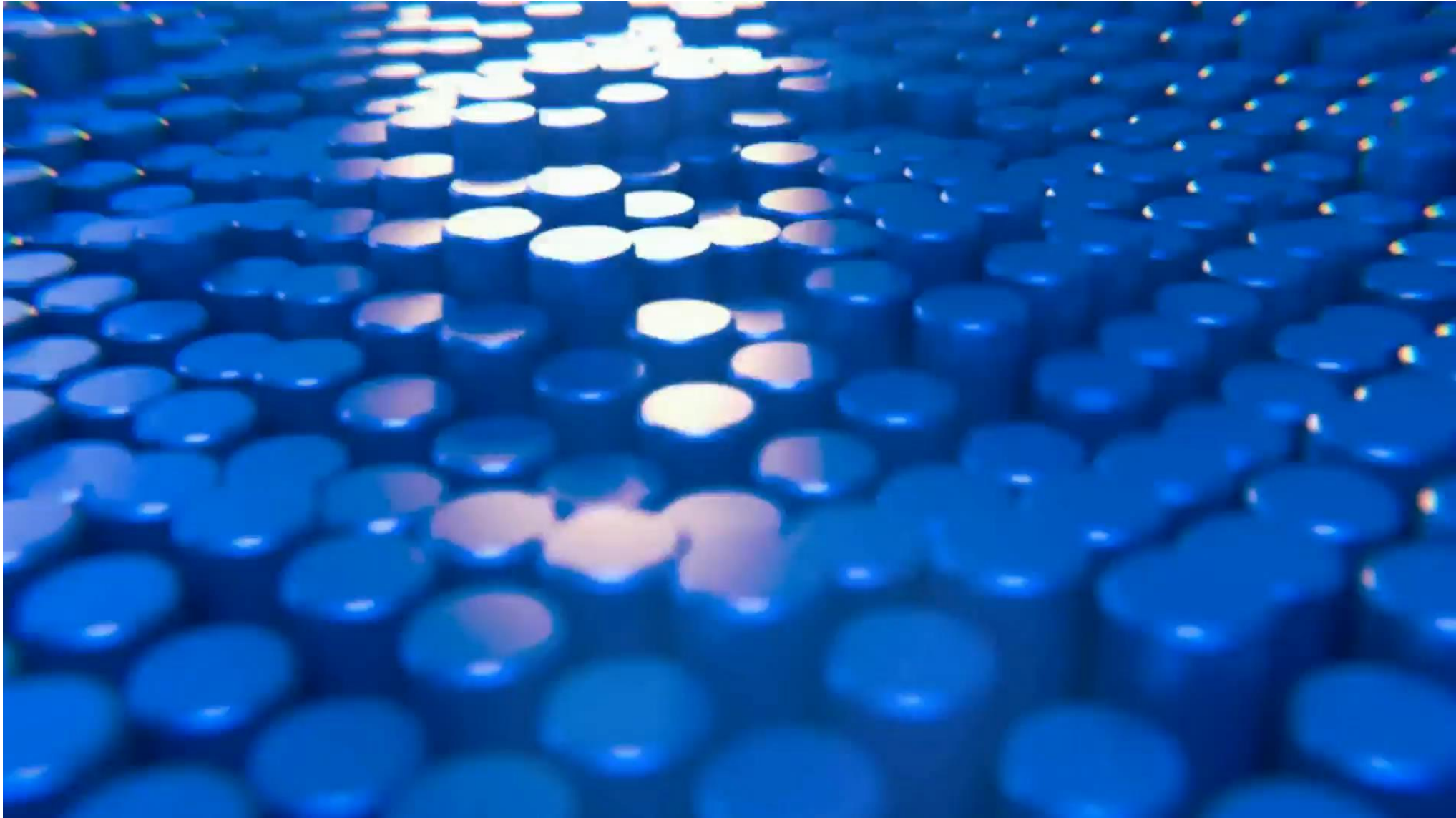






## Acoustic products







## Why Vital-Office?

1. Knowledge
2. Trust
3. Quality

Thank you ...