



# SMART

sustainable modular system



# The **SMART** collection



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office  
**Acoustic**

**CONCESSION**

CARPENTRY & CONTRACT FURNITURE





# Introduction

We are delighted to show the effect of **over 20 years of work** in the office equipment sector.

**The Office Acoustic SMART collection** is a combination of knowledge, experience, and collaboration of CONCESSION with many design offices and clients from all over Europe.

By **understanding trends** and putting comfort of use in the first place, we sought to create the ideal product - one that has the best acoustic performance and is a coherent element of any interior design. The result exceeded our expectations.

**Unparalleled design possibilities** combined with ideal ergonomics make employees more willing to work in a focused and relaxed way.

While designing the **SMART collection**, we introduced many innovations which we have described in the brochure below.

We would be happy to tell you much more in person....



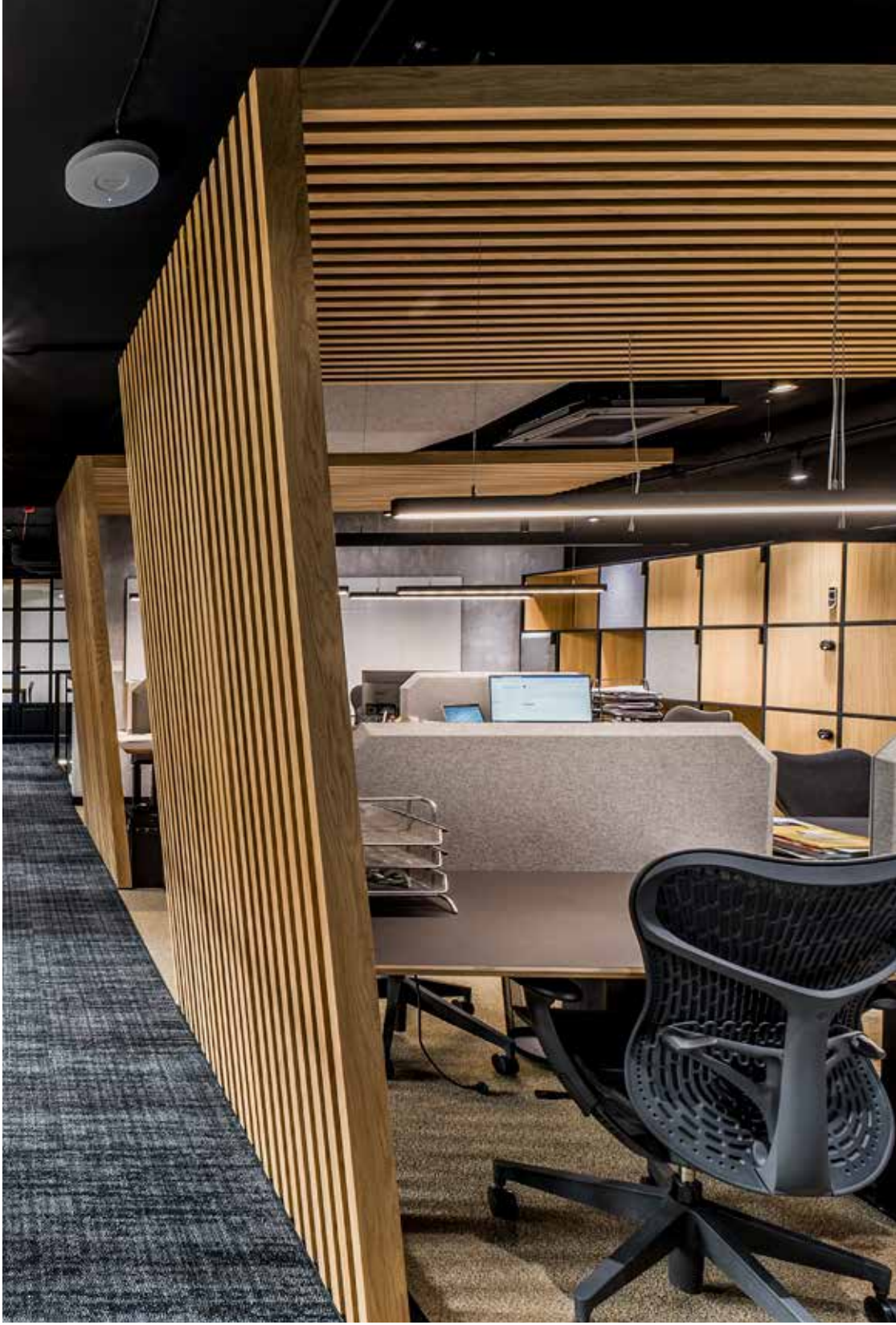


# SMART

## Sound Absorbent SUSTAINABLE MODULAR SYSTEM

It was created through an **innovative approach** to **optimizing office space**, combining provision of the highest **acoustic comfort, maximum** use of available **space**, mobility of solutions and ecology.





# 10

OFFICE ACOUSTIC SMART



# INNOVATION in your space

**SMART** open space partitions are a solution designed with mobility in mind – adapting the space and modifying it according to the user's needs, making maximum use of the available space.

The shelving units provide the possibility to create sequences, separating work zones while **improving acoustic comfort**. The elements have the highest sound absorption coefficient. The design of the system provides the possibility to build freestanding and wall-mounted forms of various heights within the adopted internal module of 380 x 380 x h455 mm.

A diverse range of module infill panels allows the creation of space according to **individual functional and aesthetic needs**.

The main functions of the infill modules are **lockers, cabinets, shelves, drawers, pots, as well as boards or seats**.

The unique value of the system is that it **can be reorganised** at a later date by changing the number of modules and the types of infill (e.g. by adding or reducing the number of modules, changing the function of an existing infill from an open bay to lockers).

Penetrating material accents that appear in the designed space can also be used in the fillings of the shelving sections, giving coherence and emphasizing the individuality of the concept. The variety of forms and finishes provides unlimited design possibilities, making the system suitable for many spaces and needs.

All of the Office Acoustic's solutions, including the **SMART** range, aim to minimise waste and reduce energy consumption while respecting the environment.

Organisation of the production process, logistics and use of materials for production are in line with **"zero waste"** principles.

# 11



## Side Covering

in many variants of configurations and finishing.

## Vertical panels

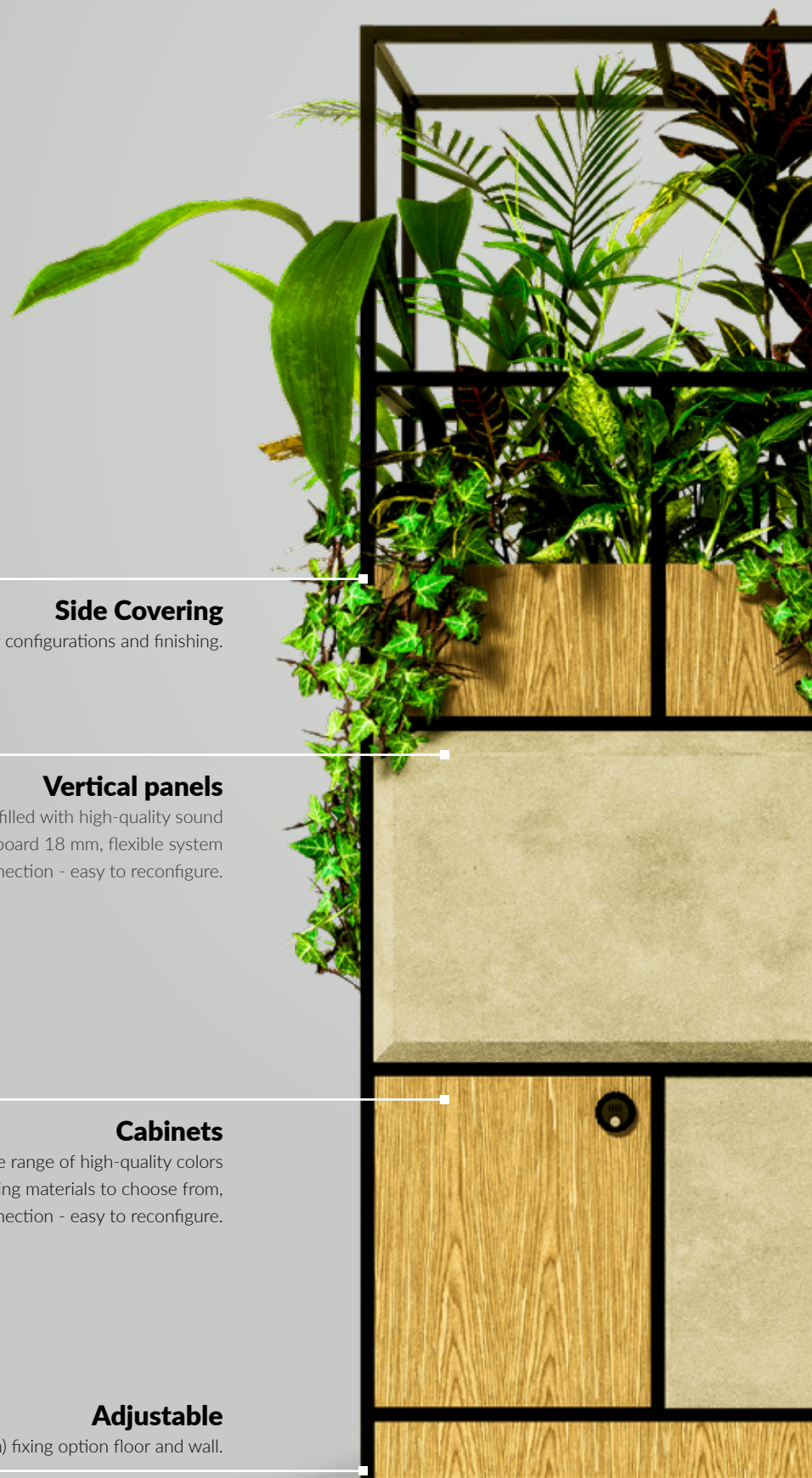
upholstered acoustic panels filled with high-quality sound absorbing material or furniture board 18 mm, flexible system connection - easy to reconfigure.

## Cabinets

furniture board 18 mm - wide range of high-quality colors and finishing materials to choose from, flexible system connection - easy to reconfigure.

## Adjustable

feet with height levelling (+20 mm) fixing option floor and wall.





## SMART

system provides the possibility to build free-standing and wall-mounted units of different heights based on internal module of 380 x 380 x h455 mm. Construction made of 20x20mm steel profiles, easy to assemble and reconfigure.

## Planter box

with a watertight potting insert that includes a specially designed space for water to reach the plant roots.

## Shelves

furniture board 18 mm available in many variants of finishing flexible system connection – easy to reconfigure.

## Movable bar

made of 20x20mm steel profiles that can be easily reconfigured to divide the space into 380mm and 780mm sections.

## High quality locks

mechanical combination locks, furniture locks (key), electronic locks or any other chosen by the client.

## Plinth

furniture board 18 mm - wide range of high-quality colors and finishing materials to choose from, easy to dismantle.





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OFFICE ACOUSTIC SMART

**Parameters:**

external dimensions:

420x1220x2000 mm (d,w,h)

internal single module dimensions:

380x380x455 mm (d,w,h)

Planter box with a watertight potting insert that includes a specially designed space for water to reach the plant roots.

**High quality locks (optional):**

furniture locks (key),

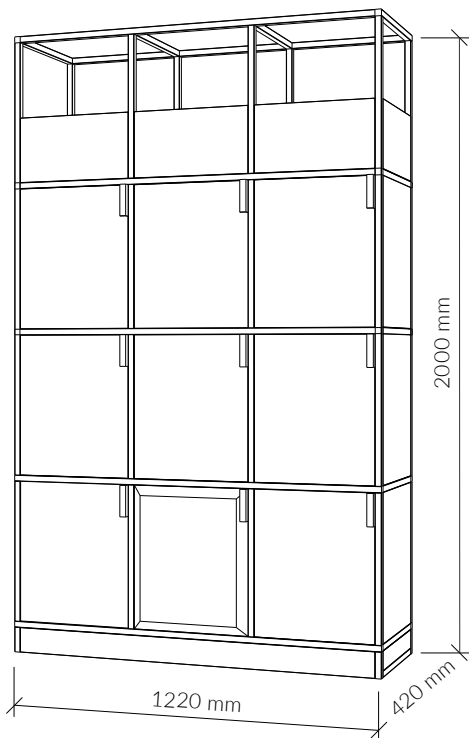
mechanical combination locks,

electronic locks,

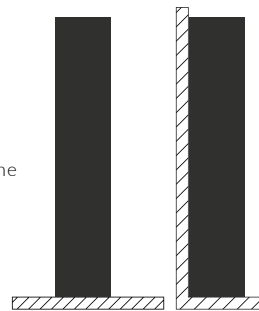
any other chosen by the client.

# PLANTER STORAGE

## Technical specification



Standalone unit



Wall unit

### Construction unit:

System provides the possibility to build free-standing and wall-mounted units. 20x20 mm welded metal tube powder-coated to RAL, **movable bar** to divide the space into 380 mm and 780 mm sections, adjustable feet with height levelling (+20 mm), fixing option floor and wall, easy to assemble and reconfigure.

### Finishing:

Upholstered acoustic panels made of flame-retardant materials, filled with high-quality acoustic structure confirmed by tests. Shelves / vertical panels - furniture board 18 mm available in finishing variants (veneer / HPL Laminate / MFC), flexible system connection – easy to reconfigure.

### Load capacity:

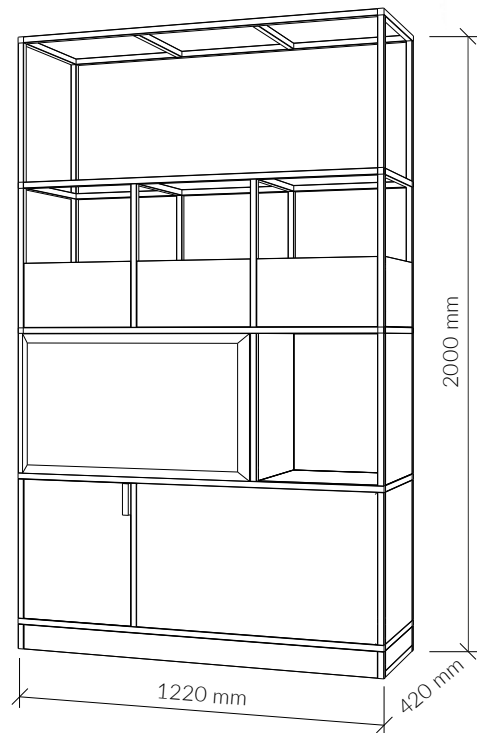
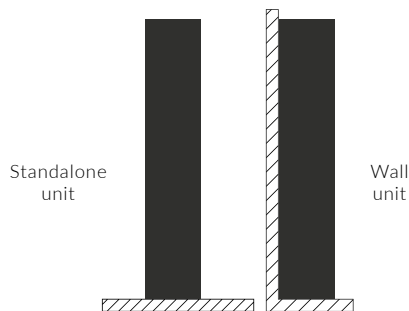
30 kg (down level shelves),  
20 kg (upper level shelves).

# PLANTER SPACE TWIN

## Technical specification

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OFFICE ACOUSTIC SMART



### Construction unit:

System provides the possibility to build free-standing and wall-mounted units. 20x20 mm welded metal tube powder-coated to RAL, **movable bar** to divide the space into 380 mm and 780 mm sections, adjustable feet with height levelling (+20 mm), fixing option floor and wall, easy to assemble and reconfigure.

### Finishing:

Upholstered acoustic panels made of flame-retardant materials, filled with high-quality acoustic structure confirmed by tests. Shelves / vertical panels - furniture board 18 mm available in finishing variants (veneer / HPL Laminate / MFC), flexible system connection – easy to reconfigure.

### Load capacity:

30 kg (down level shelves),  
20 kg (upper level shelves).



**Parameters:**

**external dimensions:**

420x1220x2000 mm (d,w,h)

**internal single module dimensions:**

380x380x455 mm (d,w,h)

Planter box with a watertight potting insert that includes a specially designed space for water to reach the plant roots.

**High quality locks (optional):**

furniture locks (key),

mechanical combination locks,

electronic locks,

any other chosen by the client.

**Parameters:**

external dimensions:

420x1220x2000 mm (d,w,h)

internal single module dimensions:

380x380x455 mm (d,w,h)

**Planter box** with a watertight potting insert that includes a specially designed space for water to reach the plant roots.

**High quality locks (optional):**

furniture locks (key),

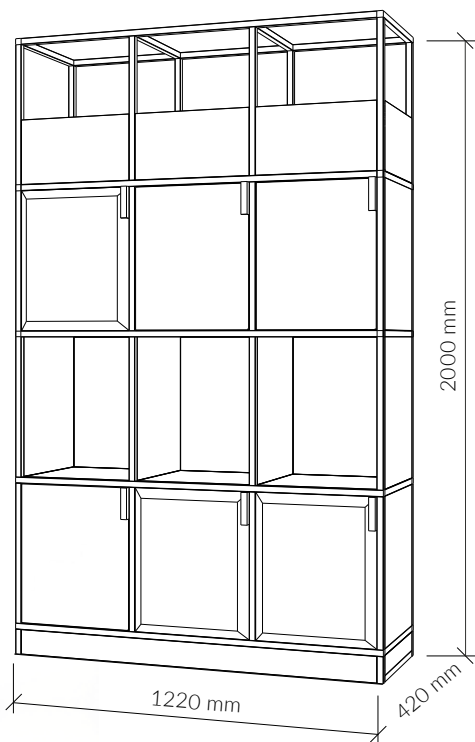
mechanical combination locks,

electronic locks,

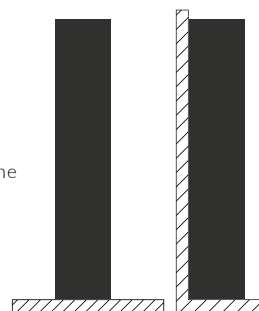
**any other chosen by the client.**

# PLANTER SPACE

## Technical specification



Standalone unit



Wall unit

### Construction unit:

System provides the possibility to build free-standing and wall-mounted units. 20x20 mm welded metal tube powder-coated to RAL, **movable bar** to divide the space into 380 mm and 780mm sections, adjustable feet with height levelling (+20 mm), fixing option floor and wall, easy to assemble and reconfigure.

### Finishing:

Upholstered acoustic panels made of flame-retardant materials, filled with high-quality acoustic structure confirmed by tests. Shelves / vertical panels - furniture board 18 mm available in finishing variants (veneer / HPL Laminate / MFC), flexible system connection – easy to reconfigure.

### Load capacity:

30 kg (down level shelves),  
20 kg (upper level shelves).

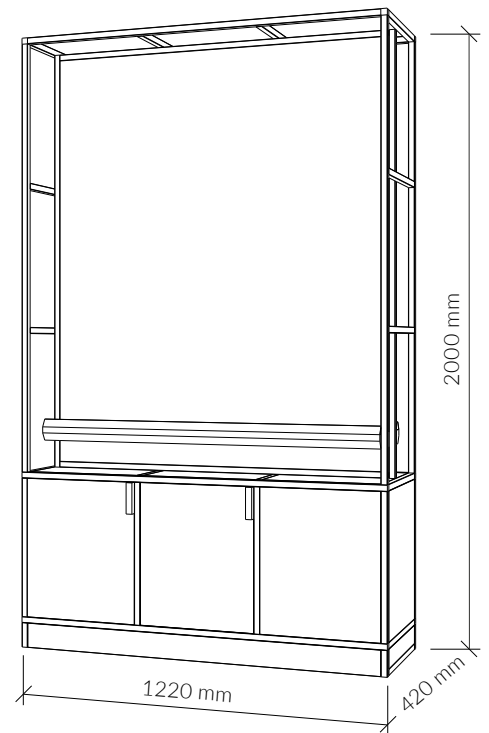
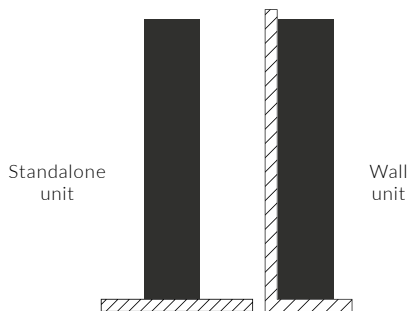
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# WHITEBOARD

## Technical specification

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OFFICE ACOUSTIC SMART



### Construction unit:

System provides the possibility to build free-standing and wall-mounted units. 20x20 mm welded metal tube powder-coated to RAL, **movable bar** to divide the space into 380 mm and 780 mm sections, adjustable feet with height levelling (+20 mm), fixing option floor and wall, easy to assemble and reconfigure.

### Finishing:

Upholstered acoustic panels made of flame-retardant materials, filled with high-quality acoustic structure confirmed by tests. Shelves / vertical panels - furniture board 18 mm available in finishing variants (veneer / HPL Laminate / MFC), flexible system connection – easy to reconfigure.

### Load capacity:

30 kg (down level shelves),  
20 kg (upper level shelves).



**Parameters:**

**external dimensions:**

420x1220x2000 mm (d,w,h)

**internal single module dimensions:**

380x380x455 mm (d,w,h)

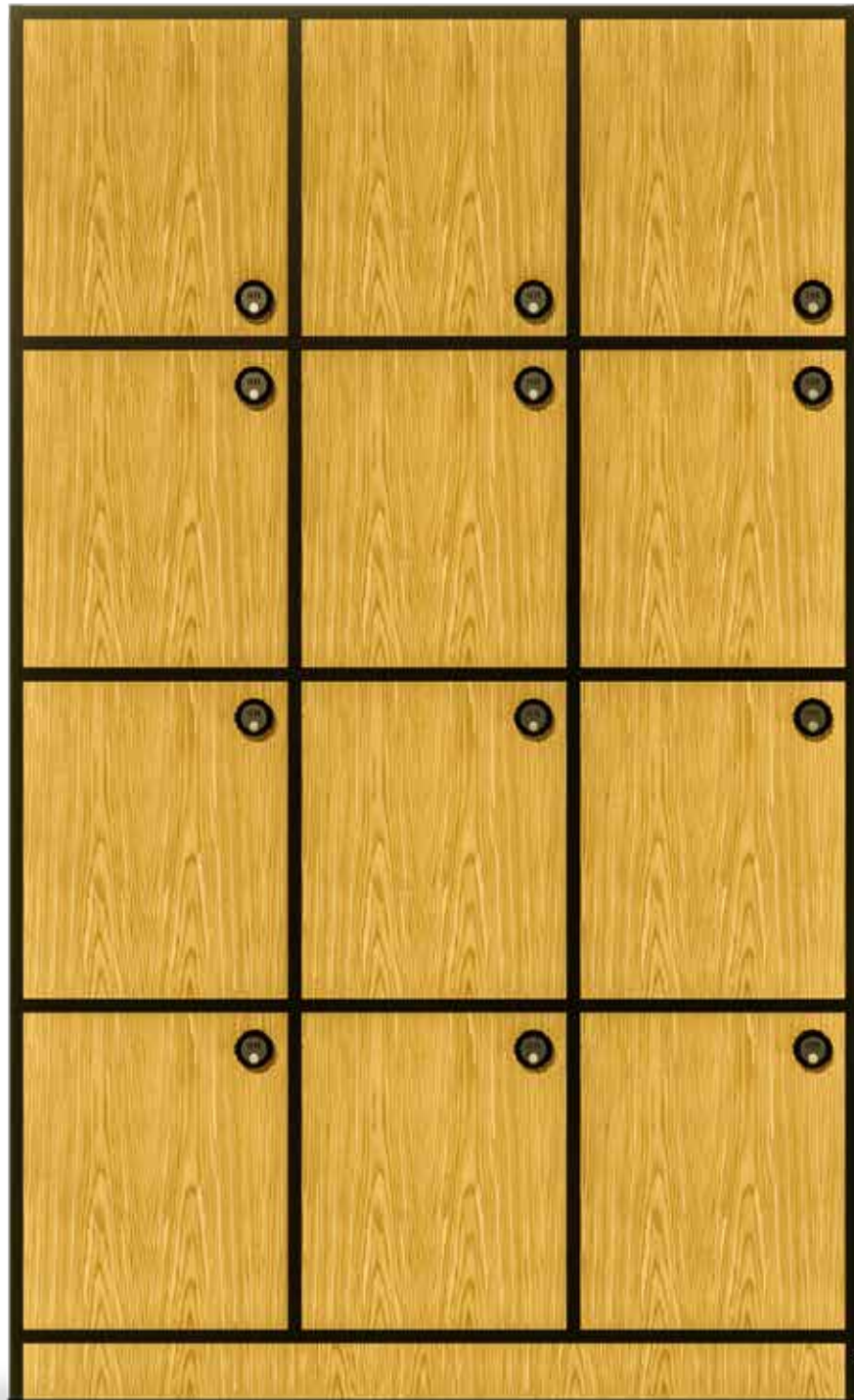
**Planter box** with a watertight potting insert that includes a specially designed space for water to reach the plant roots.

**High quality locks (optional):**

furniture locks (key),  
mechanical combination locks,  
electronic locks,  
**any other chosen by the client.**

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OFFICE ACOUSTIC SMART



**Parameters:**

**external dimensions:**

420x1220x2000 mm (d,w,h)

**internal single module dimensions:**

380x380x455 mm (d,w,h)

**High quality locks:**

furniture locks (key),

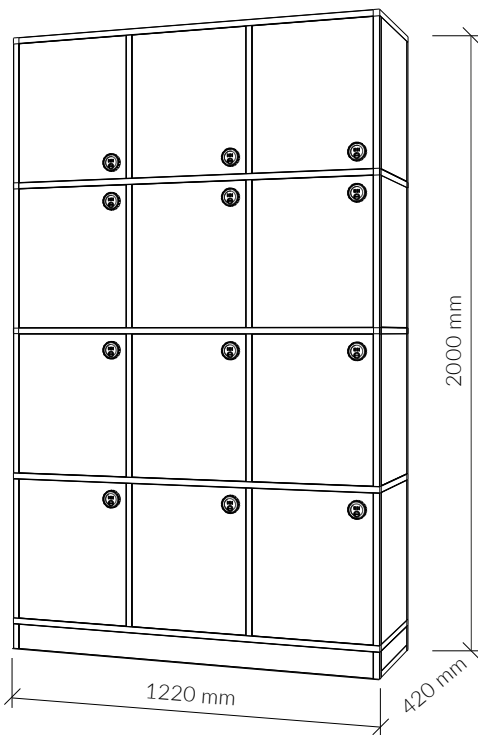
mechanical combination locks,

electronic locks,

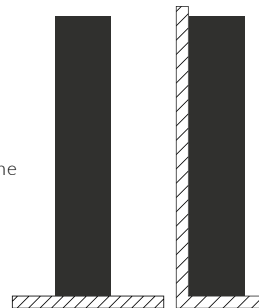
**any other chosen by the client.**

# LOCKER

## Technical specification



Standalone unit



Wall unit

### Construction unit:

System provides the possibility to build free-standing and wall-mounted units.  
20x20 mm welded metal tube powder-coated to RAL,  
**movable bar** to divide the space into 380 mm and 780mm sections,  
adjustable feet with height levelling (+20 mm),  
fixing option floor and wall,  
easy to assemble and reconfigure.

### Finishing:

Shelves / vertical panels - furniture board 18 mm available in finishing variants (veneer / HPL Laminate / MFC),  
flexible system connection – easy to reconfigure.

### Load capacity:

30 kg (down level shelves),  
20 kg (upper level shelves).

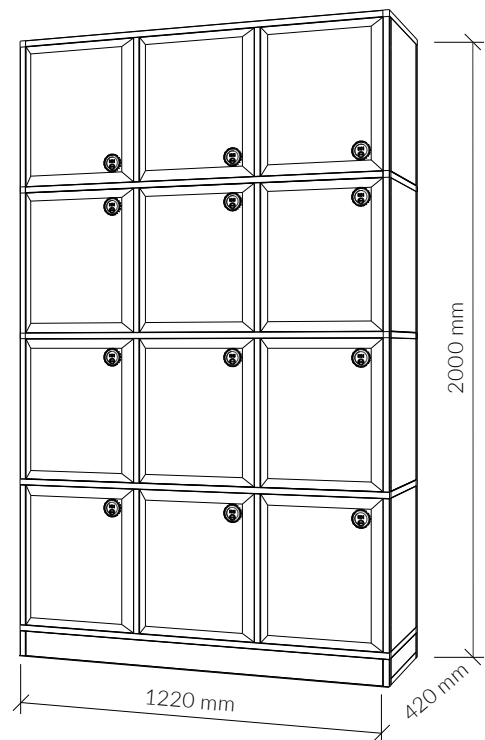
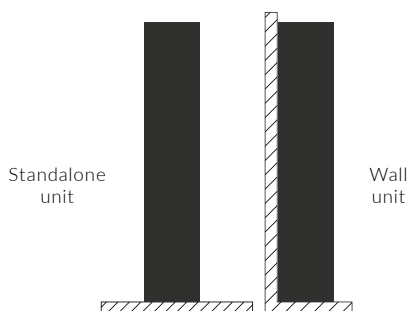
25

# SOUND ABSORBENT LOCKER

## Technical specification

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OFFICE ACOUSTIC SMART



### Construction unit:

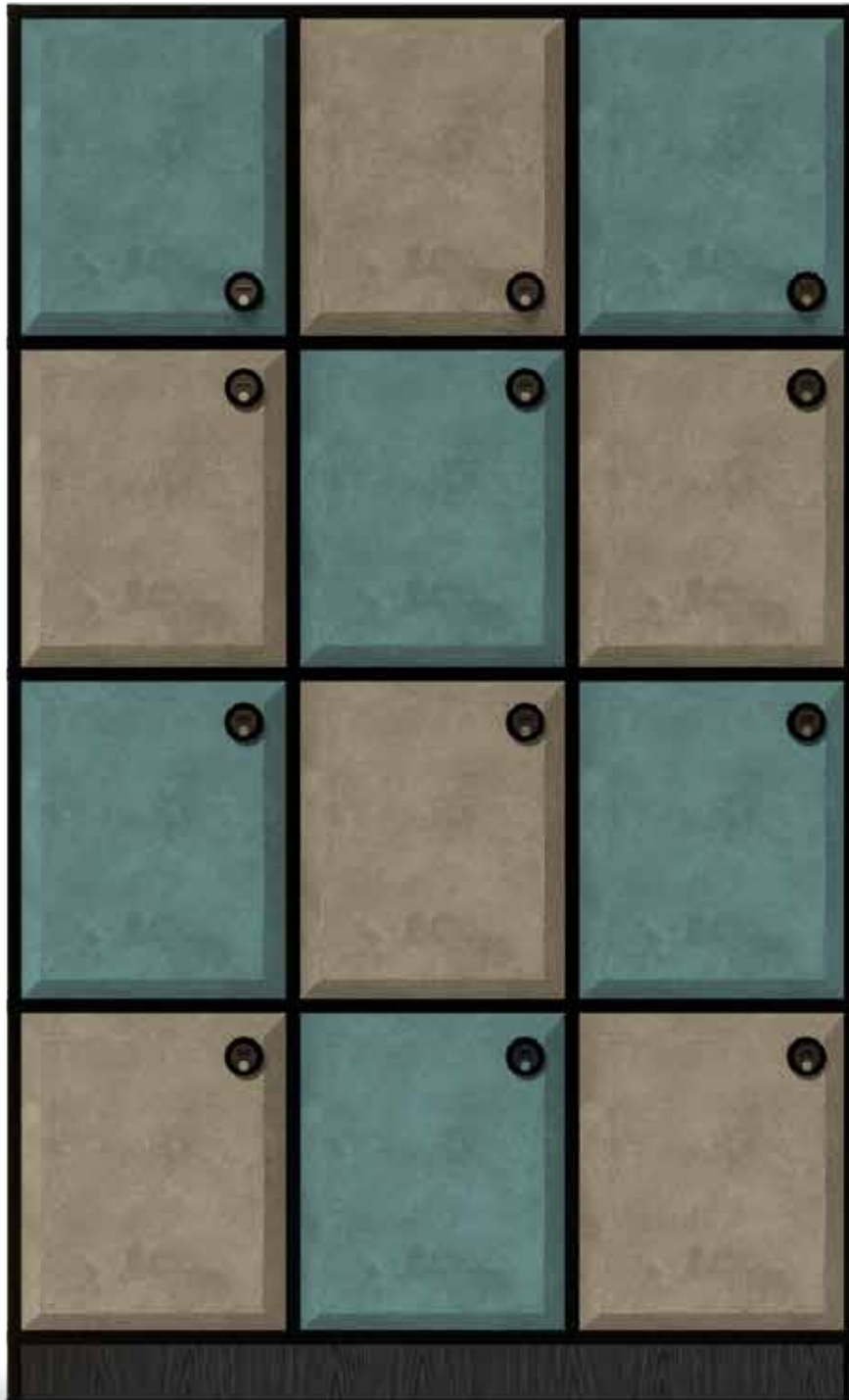
System provides the possibility to build free-standing and wall-mounted units. 20x20 mm welded metal tube powder-coated to RAL, **movable bar** to divide the space into 380 mm and 780mm sections, adjustable feet with height levelling (+20 mm), fixing option floor and wall, easy to assemble and reconfigure.

### Finishing:

Upholstered acoustic panels made of flame-retardant materials, filled with high-quality acoustic structure confirmed by tests. Shelves / vertical panels - furniture board 18 mm available in finishing variants (veneer / HPL Laminate / MFC), flexible system connection – easy to reconfigure.

### Load capacity:

30 kg (down level shelves),  
20 kg (upper level shelves).



**Parameters:**

external dimensions:

420x1220x2000 mm (d,w,h)

internal single module dimensions:

380x380x455 mm (d,w,h)

**Acoustic parameters:**

Sound absorption index: 0,90

Sound absorption class: A

**High quality locks:**

furniture locks (key),

mechanical combination locks,

electronic locks,

any other chosen by the client.

**Parameters:**

external dimensions:

420x1220x2000 mm (d,w,h)

internal single module dimensions:

380x380x455 mm (d,w,h)

**Acoustic parameters:**

Sound absorption index: 0,90

Sound absorption class: A

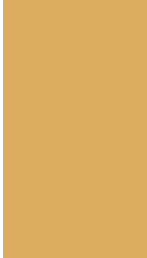
**High quality locks (optional):**

furniture locks (key),

mechanical combination locks,

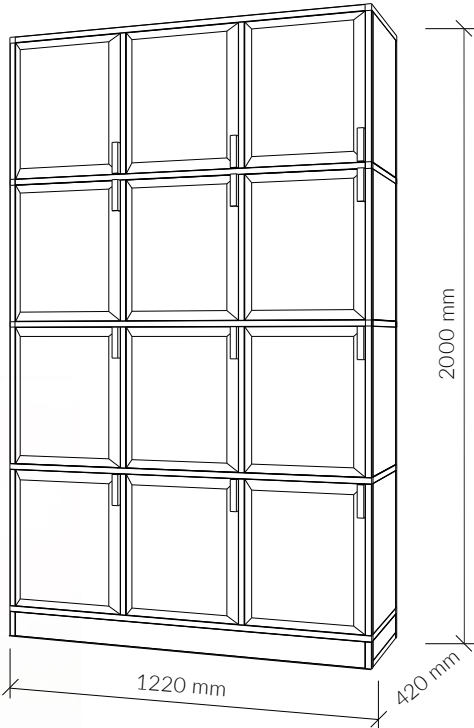
electronic locks,

any other chosen by the client.

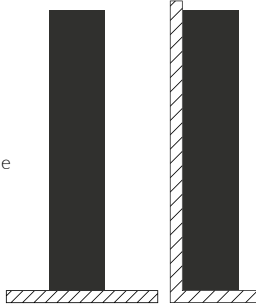


# SOUND ABSORBENT STORAGE

## Technical specification



Standalone unit



Wall unit

**Construction unit:**

System provides the possibility to build free-standing and wall-mounted units. 20x20 mm welded metal tube powder-coated to RAL, **movable bar** to divide the space into 380 mm and 780mm sections, adjustable feet with height levelling (+20 mm), fixing option floor and wall, easy to assemble and reconfigure.

**Finishing:**

Upholstered acoustic panels made of flame-retardant materials, filled with high-quality acoustic structure confirmed by tests. Shelves / vertical panels - furniture board 18 mm available in finishing variants (veneer / HPL Laminate / MFC), flexible system connection – easy to reconfigure.

**Load capacity:**

30 kg (down level shelves), 20 kg (upper level shelves).

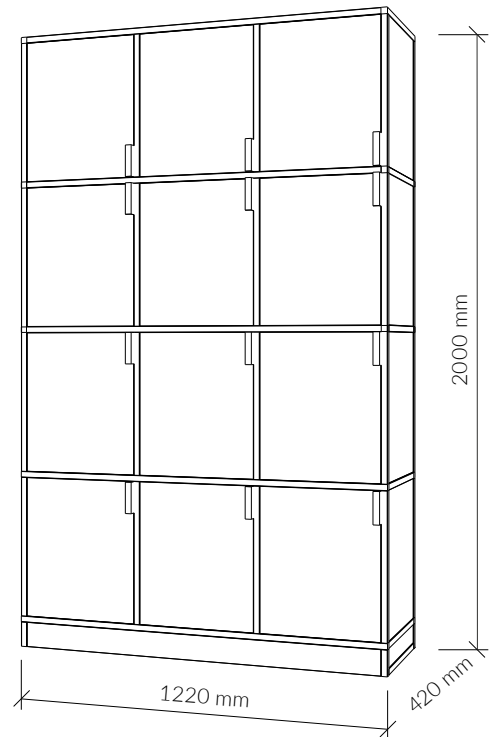
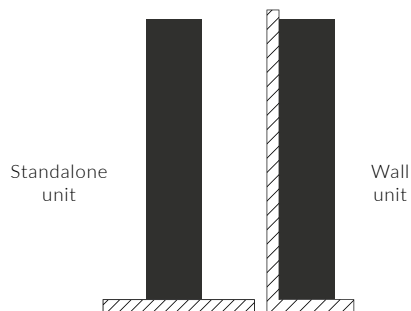


# STORAGE

## Technical specification

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OFFICE ACOUSTIC SMART



### Construction unit:

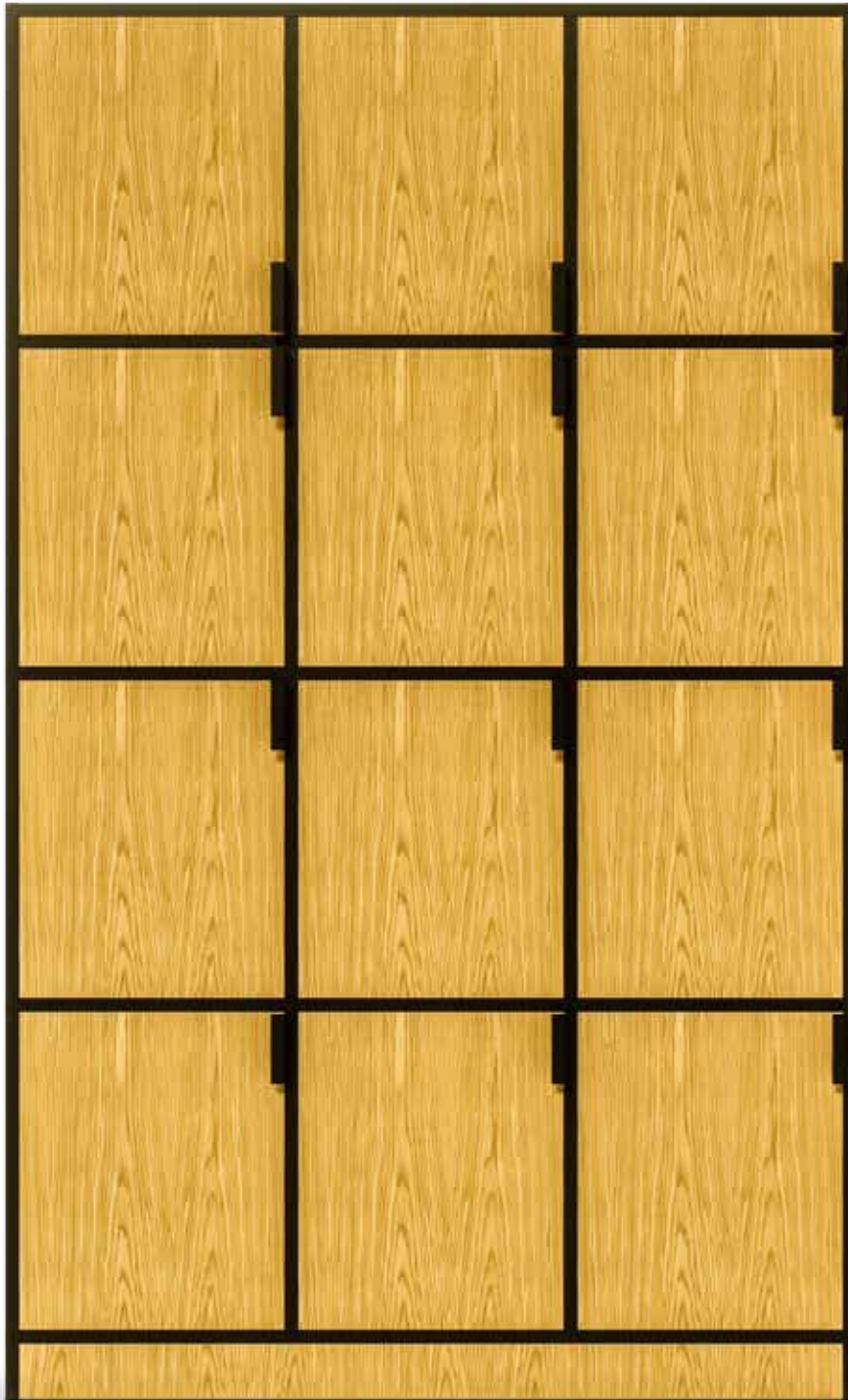
System provides the possibility to build free-standing and wall-mounted units. 20x20 mm welded metal tube powder-coated to RAL, **movable bar** to divide the space into 380 mm and 780mm sections, adjustable feet with height levelling (+20 mm), fixing option floor and wall, easy to assemble and reconfigure.

### Finishing:

Shelves / vertical panels - furniture board 18 mm available in finishing variants (veneer / HPL Laminate / MFC ), flexible system connection – easy to reconfigure.

### Load capacity:

30 kg (down level shelves),  
20 kg (upper level shelves).



**Parameters:**

**external dimensions:**  
420x1220x2000 mm (d,w,h)

**internal single module dimensions:**  
380x380x455 mm (d,w,h)

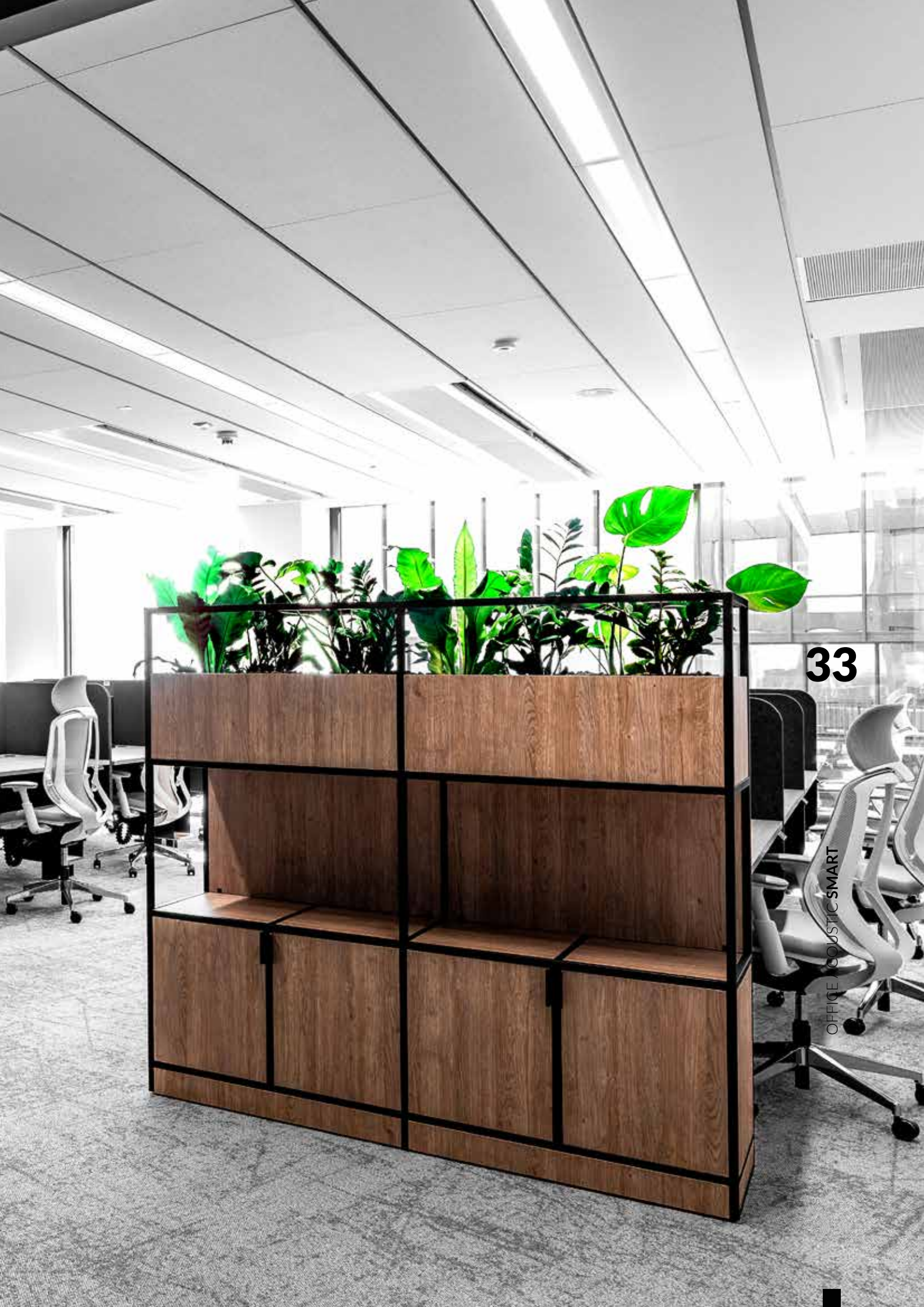
**High quality locks (optional):**

furniture locks (key),  
mechanical combination locks,  
electronic locks,  
**any other chosen by the client.**

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OFFICE ACOUSTIC SMART





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# Acoustic comfort in the office space

Acoustic comfort is the level of satisfaction and conveniences of office users related to the quality of sound in the rooms. It has a strong impact on the well-being, concentration and performance of employees. To achieve it, two main problems in open-space spaces must be solved:

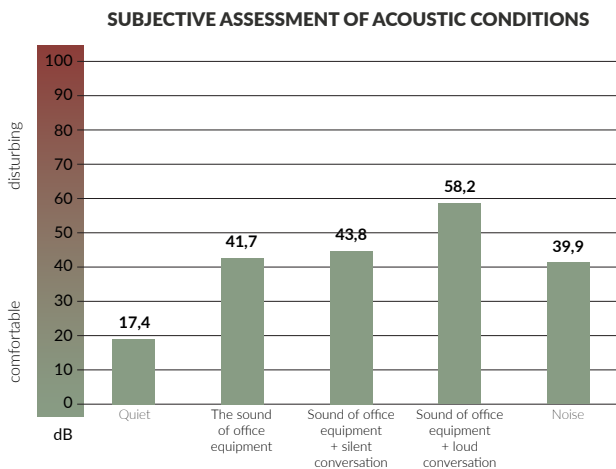
## 01 | NOISE

Studies [1] on noise at an open site indicate that

- as many as 70% of employees believe their productivity would increase if it wasn't for the noise
- 52% of employees find office noise levels stressful

Noise in the office can come from various sources, mainly conversations of colleagues, office equipment, sounds from the street or from neighboring rooms. It should not exceed level of 55 dB for conceptual work and 65 dB for customer service offices and the secretariat (according to the PN-N-01307:1994 standard).

The graphic below [2] shows how employees subjectively assess comfort in terms of noise in open-space offices.



## ACOUSTIC FURNITURE

One way to solve the reverb problem is to equip the office with acoustic furniture. The SMART modular system with acoustic panels will absorb part of disturbing sound reflections in the room, making a workplace more comfortable.

[1] Source: Čekan P, Rusko M, Il'ko J, et al. Elimination of excessive noise at the open office workplace [Eliminacja nadmiernego hałasu na otwartym stanowisku pracy biurowej]. Vedecké Práce Materiálovotechnologickej Fakulty Slovenskej Technickej Univerzity v Bratislave so Sídrom v Trnave. 2019;27:44.

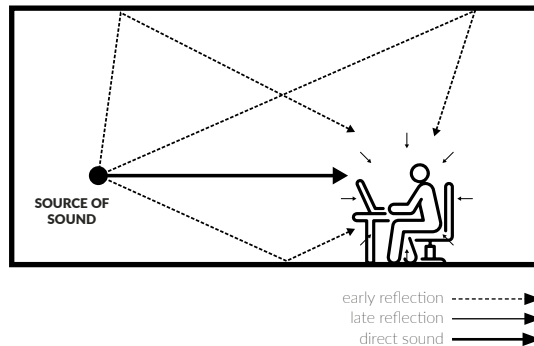
[2] Source: Kamińska J. Ocena wpływu warunków akustycznych w środowisku pracy umysłowej na percepcję wzrokową i obciążenie psychiczne, sprawozdanie etapowe, W: Program wieloletni „Poprawa bezpieczeństwa i warunków pracy”. Etap V. Okres realizacji: lata 2020-2022; 2019.

[3] Source: Norma PN-B-02151-4. Akustyka budowlana. Ochrona przed hałasem w budynkach. Wymagania dotyczące warunków pogłosowych i zrozumiałości mowy w pomieszczeniach.

## 02 | REVERB

Sounds in a room with low-quality acoustics are reflected from the walls, floor, ceiling, windows, making it much more difficult to hear and understand what the other person is saying.

Reverberation is the time it takes for a sound to disappear after it has been emitted. The value that can be considered as recommended for office spaces is slightly below 0.6 s [3], however, too low reverberation value is perceived by humans as unnatural, which causes discomfort.

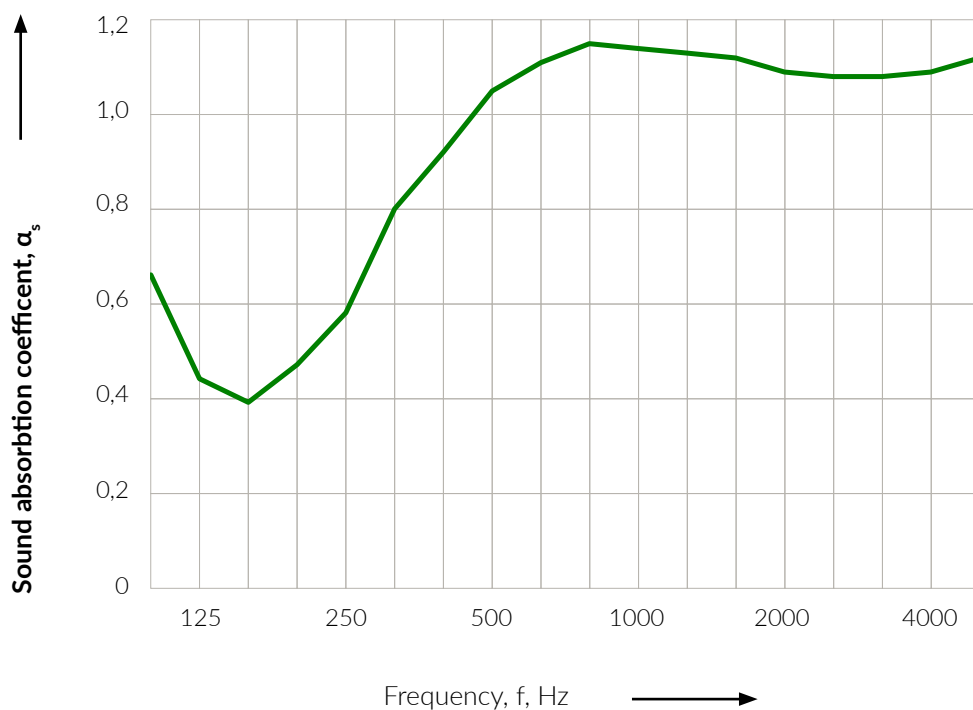


As a result of many sound reflections from hard surfaces in the room, so-called reverberation noise is created, which makes the sound itself even more unpleasant to perceive. This happens especially in long rooms, e.g. open space.

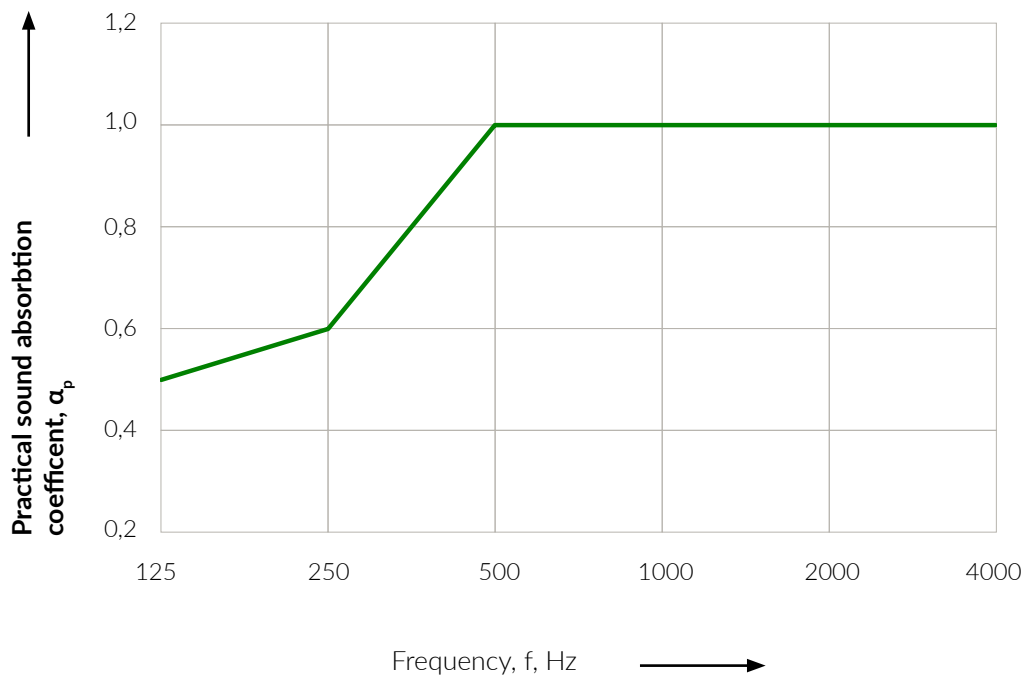
Therefore, it is important to counteract reverberation by using appropriate acoustic materials in the office that have the property of sound absorption.

# Sound absorption

measurement according to PN-EN ISO 354:2005



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Sound absorption index and class according to PN-EN ISO 11654:1999

$\alpha_W = 0,90$

Sound absorption class: A



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# Choose the color of your SMART system

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**Board color:**



Oak



Birch



Venge



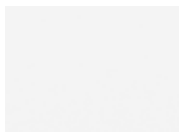
Mahogany



Walnut



Maple



HPL  
white

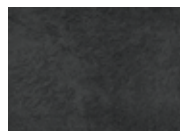


MDF  
anthracite

**Upholstery color:**



Marble



Slate



Sage



Malachite



Navy



Ocean



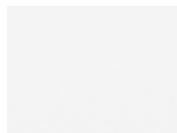
Sunshine



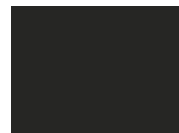
Burgundy

Any other chosen by the client

**Frame color:**



White

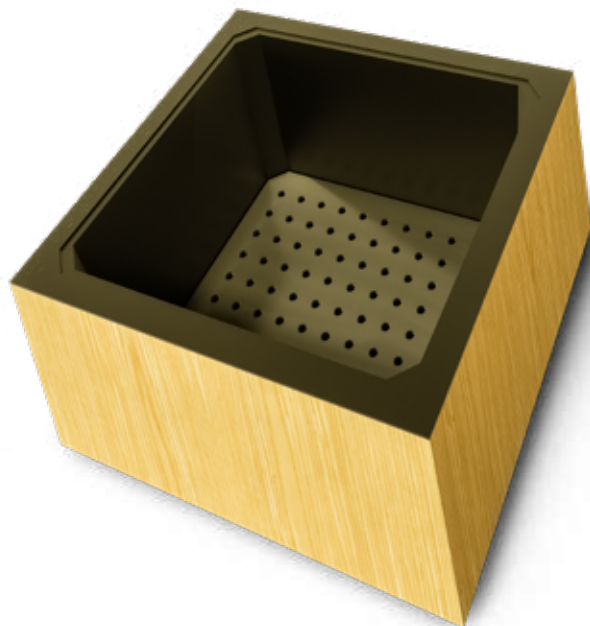


Black

**Handles:**



**Flowerpot:**



# Double-sided unit, double benefit

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# Infinite modification possibilities



**SMART**  
custom planter storage



**SMART**  
custom planter space

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OFFICE ACOUSTIC **SMART**



**SMART**  
custom planter storage



**SMART**  
custom planter  
space twin



**SMART**  
custom planter space



**SMART**  
custom planter space



**SMART**  
custom planter storage



**SMART**  
custom storage

# Sample arrangements

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#### 4 Custom Planter Space Units

Front & back: 36 planter sets

# Sample arrangements

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**Custom Planter Space Unit + Custom Planter Storage Unit  
+ Custom Planter Space Twin Unit + Custom Planter Storage Unit**

Front: 24 planter sets, 4 acoustic fronts, 1 double acoustic panel, 3 fabric coated fronts, 7 veneered fronts  
Back: 4 veneered panels, 1 double shelf, 10 acoustic panels

# Sample arrangements



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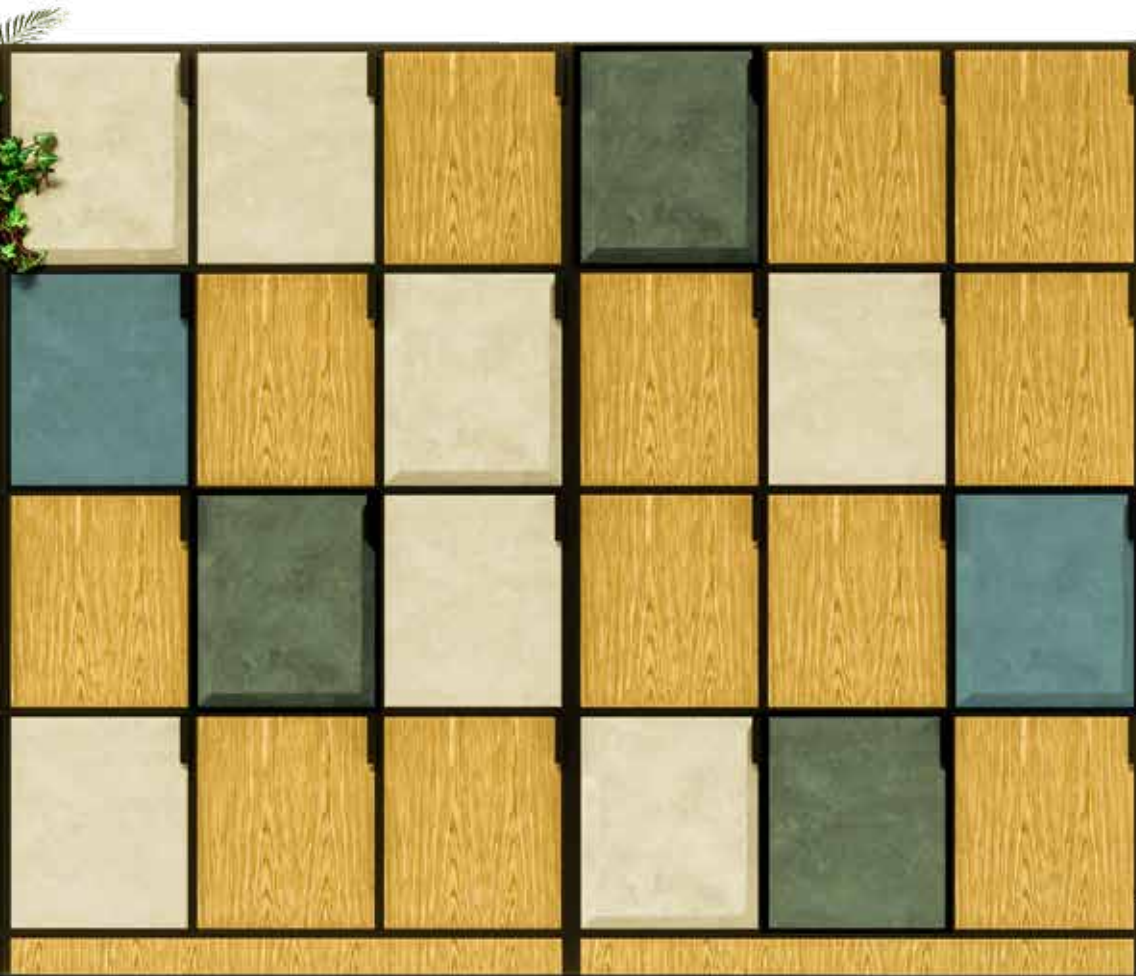
**Custom Planter Space Twin Unit + Custom Planter Space Unit  
+ Custom Planter Space Twin Unit + Custom Planter Space Unit**

Front: 3 acoustic fronts, 2 double acoustic panels, 12 planter sets, 6 shelves, 6 fabric coated fronts, 1 double fabric coated panel  
Back: 12 acoustic panels, 3 double shelves, 6 veneered panels, 6 fabric coated panels

# Sample arrangements



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**Custom Planter Space Twin Unit + Custom Planter Space Unit  
+ 2 Custom Storage Units**

Front: 6 planter sets, 10 acoustic fronts, 9 fabric coated fronts, 18 veneered fronts, 1 double fabric coated panel, 3 shelves  
Back: 13 veneered panels, 18 acoustic panels, 1 double shelf, 9 fabric coated panels

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# Sample arrangements



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**Custom Planter Storage Unit + Custom Planter Space Unit + Big Whiteboard Unit**

Front: 6 planter sets, 1 double whiteboard, 4 acoustic fronts, 8 fabric coated fronts, 9 veneered fronts, 3 shelves  
Back: 7 veneered panels, 1 double whiteboard, 8 fabric coated panels, 9 acoustic panels

# Sample arrangements

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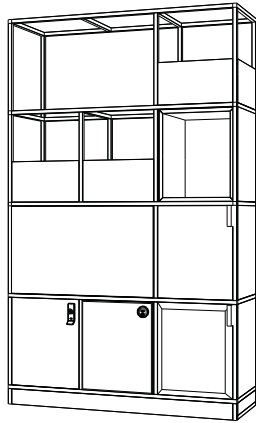


#### 4 Custom Storage Units

Front: 10 acoustic fronts, 23 veneered fronts, 16 fabric coated fronts

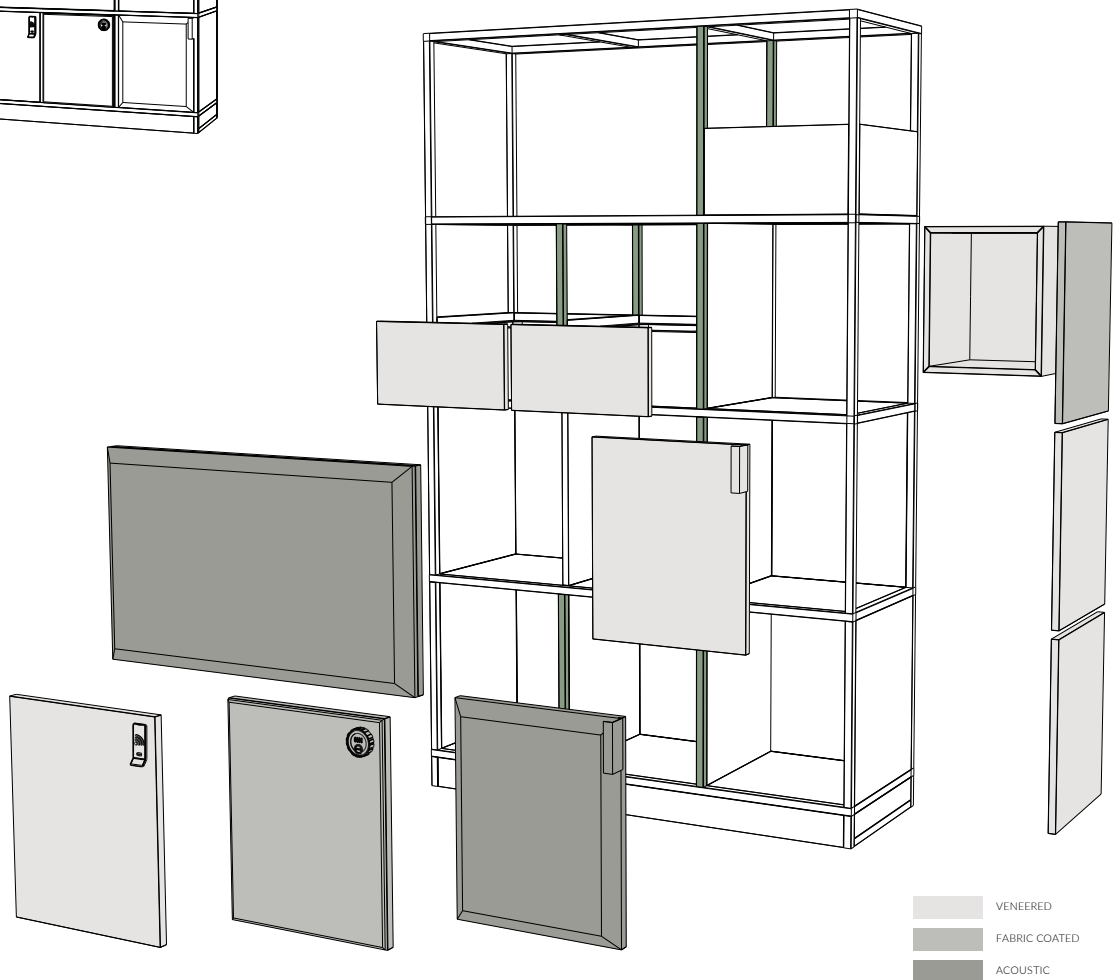
# Variety of customization

All dimensions and functionality of **the SMART** system have been designed and tested in accordance with the principles of ergonomics.



60

OFFICE ACOUSTIC **SMART**

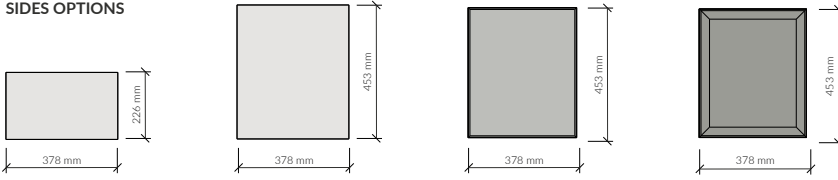


Thanks to the solid stationary horizontal profiles, the system is absolutely stable. However, it does not lose any of its modification possibilities, due to the movable middle vertical profiles. The partition walls are located within the steel structure, which makes **the SMART** system very space-efficient.

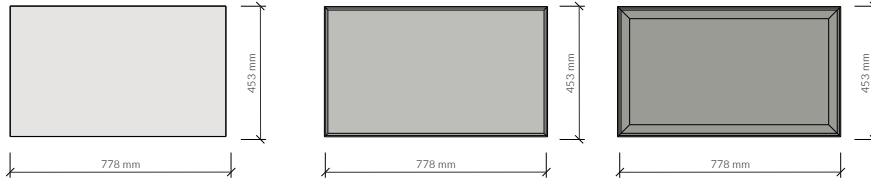
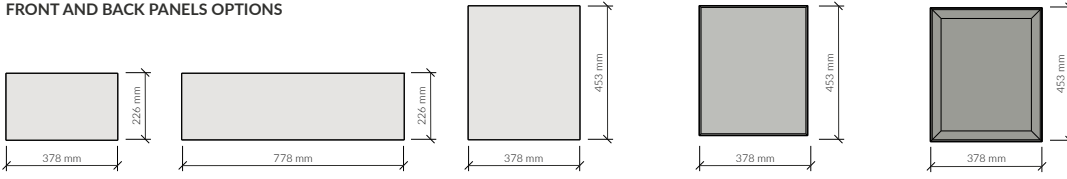
**The SMART** modular system will serve for many years, its position in the office can be changed, while the fronts and other parts can be adapted to the current needs of a given room.

This is our way to sustainability.

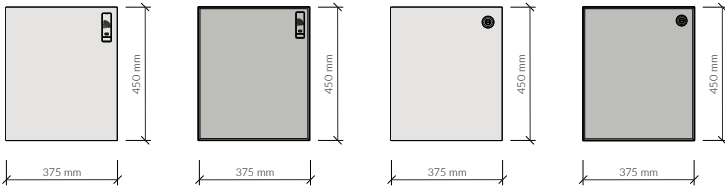
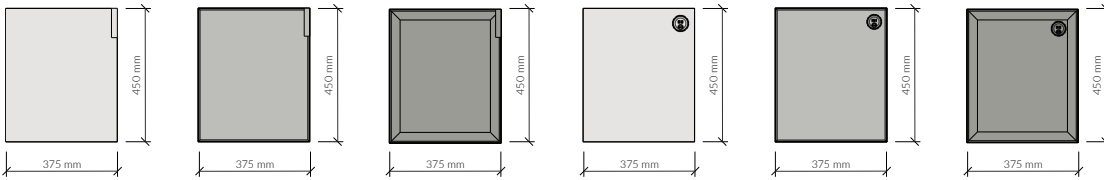
**SIDES OPTIONS**



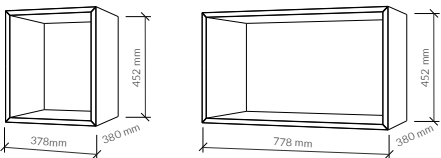
**FRONT AND BACK PANELS OPTIONS**



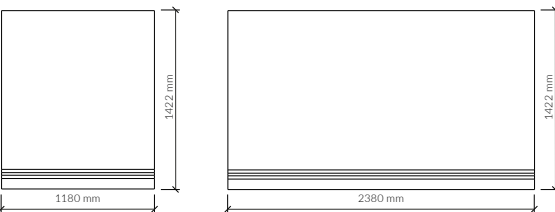
**DOOR OPTIONS**



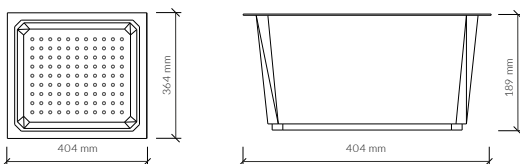
**CUBIC OPTIONS**



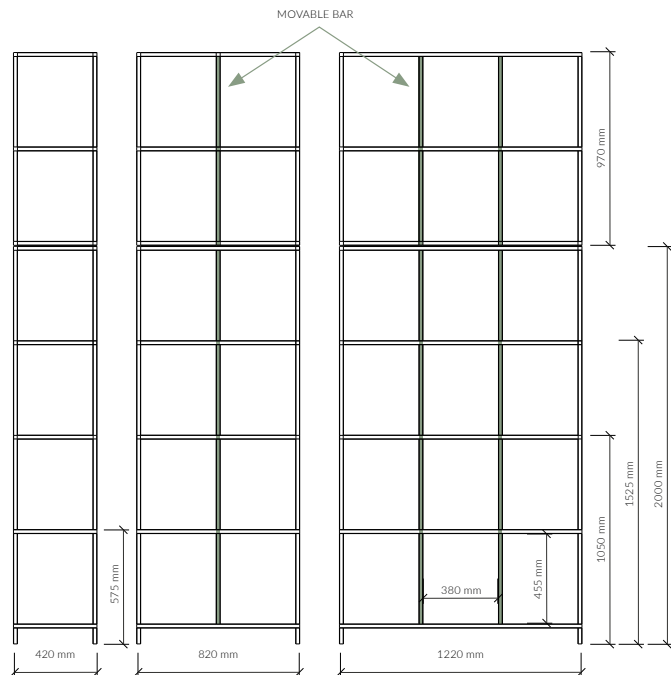
**WHITEBOARD**

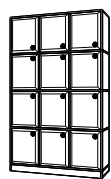


**FLOWERPOT**

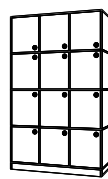


**FRAMES - BASE UNITS**





**SOUND  
ABSORBENT  
LOCKER**



**LOCKER**



**SOUND  
ABSORBENT  
STORAGE**

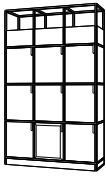


**STORAGE**

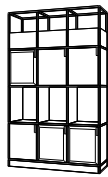
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OFFICE ACOUSTIC SMART

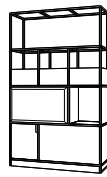
Depth	420 mm			
Width	1220 mm as standard, optional 820 mm or 420 mm			
Height	2000 mm as standard, optional 1525 mm or 1050 mm; optional extension 970 mm			
Weight (standard variant)	205 kg	186 kg	203 kg	185 kg
Placement possibilities	standalone or wall unit			
Down level shelves load capacity	30 kg			
Upper level shelves load capacity	20 kg			
Flammability Class	B, s1 d0			
Shelves (standard variant)	12 inner	12 inner	12 inner	12 inner
Doors with locks (standard variant)	12 mechanical		-	-
Doors with handles (standard variant)	-		12	
Planter box	-	-	-	-
Writeboard	-	-	-	-
Acoustic panels	12 single	-	12 single	-
Frame	welded metal tube powder-coated			



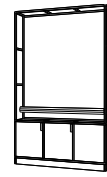
PLANTER STORAGE



PLANTER SPACE



PLANTER SPACE TWIN



WHITEBOARD

420 mm

1220 mm as standard, optional 820 mm or 420 mm

1220 mm - standard  
2420 mm - optional

2000 mm as standard, optional 1525 mm or 1050 mm; optional extension 970 mm

2000 mm

181 kg

173 kg

148 kg

125 kg

standalone or wall unit

standalone unit

standalone or wall unit

30 kg

20 kg

B, s1 d0

9 inner

6 inner, 3 open

1 inner, 3 open

2 inner, 1 open

-

-

-

-

9

6

1

2

3

3

3

-

-

-

-

white or black

1 single

3 single

2 single, 1 double

-

welded metal tube powder-coated

63



# Innovation in your space

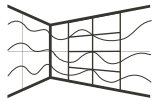
Office Acoustic provides acoustic solutions, including furniture, claddings, panels, slabs, and mobile meeting rooms. Our products improve room acoustics in public and institutional facilities such as airports, hotels, and office buildings. We prioritize both aesthetic and acoustic aspects and select natural materials carefully. Our aim is to provide high quality acoustic systems in line with global trends.



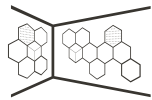
## Discover more office Acoustic



mobile  
silent rooms  
**ESSENTIAL**



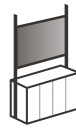
wall and  
ceiling panels  
**SOUNDBLOCK**



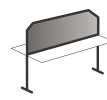
wall and ceiling  
acoustic panels  
**PURE**



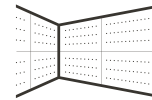
open office  
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interior system  
**SMART**



powerpole  
system  
**FRAME**



acoustic  
workplace  
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**FLEX**



acoustic  
structures  
**STRUCTURE**

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Meet certification requirements with our products.

in harmony with  
**nature**

Our products are free from VOC's  
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Quiet

Zone



office  
**Acoustic**