sedus





se:cube & se:cube max

Office cubes & "room-in-room" systems





Who we are and what we do



Sedus Stoll AG was founded in 1871 and is one of the leading European manufacturers of office solutions. The product range includes seating furniture, such as swivel and visitor chairs, as well as office, conference and contract furniture – all "Made in Germany".

The company headquarters is located in Dogern on the High Rhine in southern Germany. Another production site is in Geseke, North Rhine-Westphalia. Sedus is a company with a long tradition and 150 years of company history that has repeatedly set standards in terms of ergonomics, manufacturing processes and sustainability. As a synonym for innovation, technology and aesthetics, Sedus constantly enriches the "office world" with new product ideas and contemporary concepts. Sedus puts a strong focus on current trends and changes in the world of work. New organisational structures and forms of work require flexible, aesthetic furnishings and custom-made solutions that enhance collaboration, communication and movement. A particular emphasis is placed on the health and well-being of the users.

For further information, go to www.sedus.com

With our solutions, we support people in expressing their genius at work.





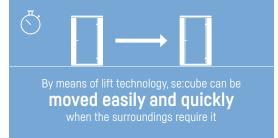






Why se:cube & se:cube max?

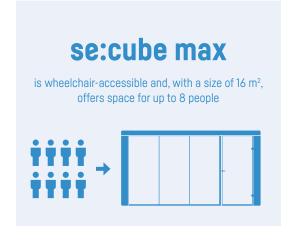














se:cube and se:cube max stand out due to excellent sound level reduction disturbing noise is simply left outside

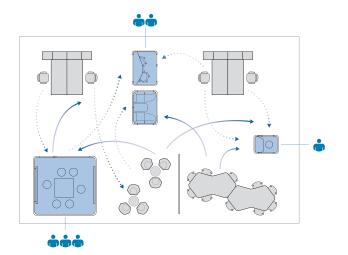








se:cube max, Size L with three glazed walls



An office with an open space concept and an individual design enables a flexible, dynamic workflow. Exchange and collaboration are encouraged.



Small meetings or focused work (se:cube, Size M/L)

Conference calls, discussion sessions or workshops (se:cube max)



NEW WORKING STYLES

When work determines the space

Open-plan room concepts, flexibility and new working styles characterise the office of the future. And this development goes hand-in-hand with a whole host of benefits: deep-rooted structures are being broken down, while communication and cooperation are promoted. Modern office space and daily routines are characterised by short distances, flexible meetings and spontaneous exchange.

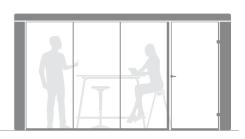
Employees increasingly decide for themselves where and how they can best perform their tasks. Different work situations often alternate. Concentrated individual work can be followed by communicative activities, teamwork can be replaced by retreat or relaxation. Modern office planning must reconcile these requirements and create the necessary facilities.

Whether you're making an extended phone call, holding a meeting in a small group or knuckling down to get your own work done: se:cube max office cubes and the "room-in-room" system are the elements which create a perfect symbiosis of proximity and distance. The bright design and the large glass surfaces create transparency so that the user is not isolated. The systems fit harmoniously into the surroundings, just like a piece of furniture.

One idea – two systems

In an office environment where space is limited and should be used efficiently, intelligent furnishing is fundamental. Depending on their individual requirements, employees decide which of the two systems is better suited to their working and communication styles.





	se:cube	se:cube max
Use	temporary workstation (e.g. telephone conversations, video conferences, concentrated individual work, working in pairs or in a team (max. 6 people)	meetings, workshops or temporary single/double offices (max. 8 people)
Planning according to workplace guidelines	not required, as temporary workstations	of for meetings and workshops
Room sizes (in metres)	1.5 × 1/2 × 1.5/2.5 × 2.5	3 × 3/3 × 4/4 × 3/4 × 4
Room height (in metres)	2.32 (2.5 m required) ¹	2.40 (2.8 m required) ¹
Glazing	glass on one side, glass on two sides	glass on one side, glass on two sides, glass on three sides
Wheelchair-accessible	×	
Glass quality (fixed glass surfaces)	10.76 mm laminated safety glass	12.76 mm laminated safety glass
Glass quality (door)	10.76 mm laminated safety glass with lowerable floor seal and optional magnetic closure	10.76 mm laminated safety glass with magnetic closure and lowerable floor seal
Door opening	to the outside	to the inside
Integrated furniture	⊘	×
Assembly time	4-6 hours	1.5–2 days
Presence lighting	⊘	⊘
Automatic ventilation	⊘	⊘
Dimmable light/ colour temperature change	•	•
Independent of building infrastructure	Ø	●
More details	from Page 9	from Page 18

¹required clear room height for assembly



se:cube L with integrated whiteboard inside (left), se:cube M and S (right)



With the HCL (Human Centric Lighting) control, the light colour automatically adjusts according to the natural daylight pattern and, therefore, to the biological rhythm. This not only promotes well-being, but also the employees' ability to concentrate (see Page 13 for more information)





Due to their intelligent design, se:cube units can be easily moved within a room even after they have been assembled. It only takes two people about 1.5 hours to move the Size L unit.

OFFICE-CUBE

se:cube

A place that inspires, allows independence and adapts to the most diverse requirements. With three different sizes and several design variants, se:cube offers exactly what is needed for the future of agile working. Its well-conceived design ensures optimal acoustics and an appealing atmosphere.

The presence detector adjusts light and ventilation via a fully automatic control system, thus ensuring that only as much power is consumed as is actually needed. The red or blue all-round LED lighting indicates whether the module is currently occupied.

The individual colour scheme and the freely selectable interior round off the office cube solution. This allows for perfect colour and style coordination with the furniture outside the cube. Has the office landscape now changed? The se:cube can be assembled without much effort and can be easily moved in its assembled state due to the unique lift technology.

se:cube S (1.5 × 1 m)

Ideal for

- · phone conversations
- · video conferences
- · concentrated individual work

se:cube M (2.0 × 1.5 m)

Ideal for

- · phone conversations
- video conferences
- · concentrated individual work
- · working in pairs

- phone conversations
- · video conferences

Ideal for

· brainstorming sessions

se:cube L (2.5 × 2.5 m)

· meetings for up to 6 people







Acoustics as a challenge

Just like the furnishing, light or temperature, the acoustics in a room play an important role. Wherever people spend time or work, there is a certain amount of noise. Typing on the computer, the rattling of the printer and the small talk of colleagues can quickly be perceived as disturbing and thus distract from one's own tasks. Good sound absorption is, therefore, essential for a pleasant working environment.

The more we understand a conversation around us, the greater the distraction can be. Therefore, for an optimal working environment, speech intelligibility must be reduced to such an extent that conversations are only perceived as soft noise.

The soundproof ventilation unit considerably reduces the sound transmission from the inside to the outside and vice versa without obstructing air flow.

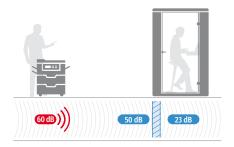


The multi-part wall construction with integrated, acoustically beneficial material as well as the glass door with high-quality floor lowering seal and optional magnetic closure also contribute to the ideal sound insulation of the se:cube.

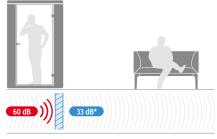
Wall structure from the inside to the outside:

- 1. Visible inner wall with lined fabric or PET felt
- 2. Punched hardboard
- 3. Melamine-coated chipboard (19 mm)
- 4. Frame construction to fit the wall panels on the inside
- 5. 2 x melamine-coated chipboard (19 mm each)

As a closed-off cabin with acoustically beneficial components, se:cube can interrupt the spread of sound and significantly reduce distracting noises from outside.



Office noise outside the se:cube is significantly reduced on the inside



Conversations within the se:cube are reduced to such an extent that they are no longer comprehensible from the outside

- Sound pressure level reduction according to DIN EN ISO 11957 (2010):
 - se:cube S = $D'_{p,w}$ 27 dB
 - se:cube M = D'_{p,w} 28 dB
 - se:cube L = D'_{p,w} 26 dB



se:cube L with double-sided glazing

Invisible ventilation

With the building-independent ventilation of the se:cube, fresh air is supplied via the air inlet above the ceiling luminaire. The stale air is drawn into the lower part of the wall panel and released back into the surrounding space via the fans above the wall. Large cross-sections and sound-insulated ventilation ducts ensure that the room is extensively ventilated and that, at the same time, noise is not transmitted. The large crosssections of the ventilation ducts mean that the process is quiet and there is no perceivable draught.

Complete exchange of air at 50% fan power (factory setting)



Ventilation control is fully automatic via a temperature sensor and CO₂ sensor. There is also an option to order a switch for manual operation





se:cube L with double-sided glazing and whiteboard

Exterior wall with whiteboard

The vertical panels of the non-glazed walls of the se:cube can be configured with writable whiteboard surfaces on the outside. The panels can be easily exchanged at a later date.





2 whiteboard panels on the se:cube L; exterior wall with a size of approx. 1 m x 2.2 m each

Lighting for the inside and outside

For optimal illumination, an LED panel is mounted on the ceiling in each se:cube. The light intensity is preset to meet the required workplace standard of 500 lux on the work surface. Fully automatic control takes place via the presence detector in the light. For manual dimming (e.g. for a presentation on a screen), a remote switch is available as an option for the se:cube.

Optionally, it is possible to use a dimmable light with colour temperature (7 levels: 2700–6500 Kelvin). There is a choice between warm white, neutral white and cold white, or simply to dim the light. With the so-called HCL control (Human Centric Lighting), the light colour adjusts automatically according to the natural daylight pattern. The use of HCL light control stabilises people's "inner clock" and improves concentration, regeneration, mood and willingness to perform.

Colour temperature change (HCL lighting)



Cold white (6500 K)

This colour is often used in areas in which colour fastness is important. It corresponds most closely to daylight



Neutral white (4000 K)

This is the most neutral colour, it keeps people active and awake and is most suitable as localised work illumination



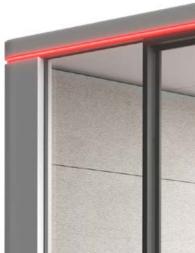
Warm white (2700 K)

This colour is comparable to halogen and incandescent lamps and creates a cosy and relaxed atmosphere

Presence lighting

An all-round glowing red or blue LED line indicates that the se:cube is currently occupied.





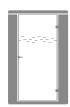
Technical details

The se:cube impresses with its timeless design and its technical features: Sedus has thought of everything, from the lighting to the ventilation. In addition to the standard fittings, there are a number of optional elements that can be installed and added.



Glass manifestation

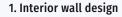
The glass door and glass fronts of the se:cube are fitted with glass manifestation film as standard (in accordance with safety guidelines). If desired, it can be left out or replaced by the customer's own glass manifestation.



- glass manifestation film at eye level (1400 mm from the floor)
- without glass manifestation







- covered with fabric or PET felt in light grey
- integrated whiteboard with magnetic strip at the top as well as pen and sponge holder at the bottom





6. All-round presence lighting

• glowing red or blue LED line indicates that the room is occupied; it is controlled by means of a presence detector



- utensils compartment for notepads, pens or remote control
- coat hook



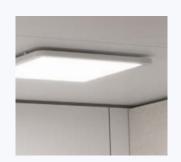
7. Controls (lighting/ventilation)

- temperature and CO, sensors monitor and control lighting and ventilation fully automatically
- remote switch for manual control



2. Exterior wall design

- melamine white, glazed door
- melamine, painted
- glass on both sides
- full-surface, writable whiteboard



8. LED lighting

- is automatically switched on when someone enters the room and provides a pleasant light (neutral white 4000 K)
- dimmable as an additional feature or with HCL control
- video conference lighting for all se:cube S settings



3. Safety glass

- standard glass manifestation film
- 10.76 mm laminated safety glass with an intermediate acoustic foil



9. Power and data cabling

- outlets are easily accessible above or inside the desk
- USB charger A/C and RJ45



4. Door

- 10.76 mm laminated safety allglass door with an intermediate acoustic foil and lowerable floor
- lock case with a dummy cylinder allows for use of customerspecific locking systems



10. Monitor arm

• for tables placed in front of glazed or closed walls (opposite the door), it is possible to fit a monitor arm with clamp adapter for mounting a screen



TÜV-tested ramp made of non-slip rubber to bridge door thresholds and reduce risk of tripping



11. Furnishings

- accurately fitting, fully integrated furniture configurations (see Page 28)
- loose furniture from the Sedus standard collection

Individual colour scheme

se:cube can be customised to suit any taste or requirement. The office cubes can be set up in brand colours, discreet colours or as an eye-catcher. The large selection of colour collections offer numerous possibilities.



Colours and materials for se:cube:

- 1 Exterior colour
- 5 Table/sofa frame
- 2 Ceiling on the inside 6
- 6 Desktop
- 3 Interior wall
- 7 Carpet
- 4 Sofa
- 8 Door frames and profiles



1. Exterior colour

Standard: Melamine, clear white Optional: More than 10 plain coloured finishes (from the Sedus collections Colour Harmony and Architecture Line)



2. Ceiling on the inside

Melamine, clear white



3. Inner wall

PET felt



Standard: PET felt in light grey Optional: Colours from the Sedus collections Nova, Atlantic Screen, Era Screen, Sophie Screen (see below)

Nova



Era Screen



Atlantic Screen



Sophie Screen



4. Sofa



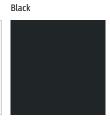
Selection from more than 140 colours and different materials



To match the interior walls, the upholstery of the sofas is available from the following fabric collections in the Sedus portfolio: Era, Nova, Cura, Fame, Step, Imitation leather, Milano, Remix, Tempt, Breeze Fusion, Morph, Steelcut Trio 3, leather

5. Table/sofa frame

Clear white



Clear white or black powder-coated (desk and sofa frame always the same colour)

6. Desktop

Melamine, clear white





About 40 colours

Standard: Melamine, clear white Optional: Approx. 40 colours from the Sedus collections (natural wood veneer, melamine: Wood Selection, Architecture Line and Soft Touch)

7. Carpet

Interface Composure Harmonious



More than 30 colours



Standard: Interface Composure Harmonious Optional: Any other colour from the Interface Composure Collection

8. Door frames and profiles

Aluminium structured graphite, matt



se:cube max

The sophisticated "room-in-room" system se:cube max complements the se:cube product family and offers large retreats for meetings, workshops and video conferences. The self-sufficient se:cube max can also be used as a single or double office in open-space landscapes. The base-free room-in-room system is not connected to the building structure and can, therefore, also be placed on surfaces with integrated floor heating.

Different versions and sizes are available for se:cube max. The door side is always fully glazed. In addition, one or two other sides can be glazed.







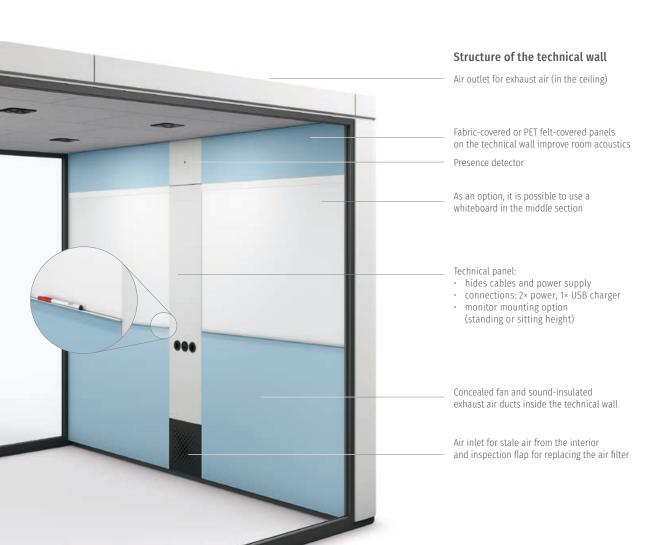
se:cube max M (3 × 4 m)



se:cube max L (4 × 4 m)



At least one wall is always designed as a closed technical wall. It is the core of the se:cube max and contains the ventilation unit as well as all necessary connections for the room's power supply. In addition, this wall can also be used to mount a monitor.







Presence detector, temperature sensor and ${\rm CO_2}$ sensor are used for fully automatic control of lighting and ventilation



Fresh air is drawn into the room via an invisible sound absorber integrated in the acoustic ceiling



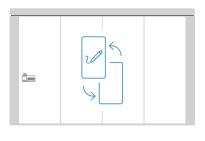
se:cube max is placed on the existing building infrastructure without a base and is wheelchair-accessible as there is no door threshold



se:cube max, Size L, with 3-sided glazing and whiteboard surface on the outside

Interior and exterior walls with whiteboard

The vertical wall panels of the closed walls of the se:cube max can be configured with writable whiteboard surfaces both on the inside and outside. The panels can be easily exchanged at a later date without using any tools. On the technical wall with the horizontal panels, the middle panel can also be specified as a whiteboard. It is also possible to mount a screen, in addition to a whiteboard.



Easily replaceable whiteboard panels on interior and exterior walls:

- wall length of up to 3.5 m: 3 panels
- wall length of over 3.5 m: 4 panels



Whiteboard on the technical wall with integrated magnetic strip; additional large whiteboards are possible on simple closed walls

Lighting on demand

Depending on the application, various lighting set-ups are available for se:cube max:

- Meeting set-up
- · Workshop set-up

Meeting lighting configuration

In this configuration, two LED panels are mounted in the centre of the room and perpendicular to the technical wall. This allows for consistent illumination of the workspace when a conference table is set up facing the technical wall. Users can choose between dimmable lighting and a version with colour temperature change and HCL control.



Luminaire placement for Meeting lighting set-up



Workshop lighting set-up

Depending on the size of the room, 4 to 6 dimmable LED luminaires are evenly distributed across the room and integrated flush into the ceiling. The widearea illumination of the room is optimal for movable furniture on castors and is thus ideally suited for workshop environments.



Luminaire placement for Workshop lighting set-up

Presence lighting

A glowing red or blue LED line indicates that the se:cube max is currently occupied.



Good acoustics for every place

The sound insulation of se:cube max is so good that the "room-in-room" system can be positioned in the middle of an office without neighbouring areas interfering with each other in terms of acoustics. se:cube max uses ceiling and wall absorbers specifically made for this purpose.

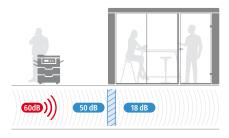
The following factors also influence the room acoustics of se:cube max: flooring, number of glazed or closed walls, interior design.



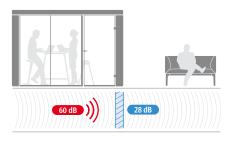
The PET felt panels in the ceiling and the fully insulated technical wall significantly improve the reverberation time of this "room-in-room" system.

se:cube max is a closed-off room with acoustically effective components which interrupt the propagation of sound and improve speech intelligibility inside. The sound pressure level reduction is D'p,w 32 dB*. Disturbing noises from the outside are not eliminated completely, however they are significantly reduced.

*according to DIN EN ISO 11957 (2010)



Office noise is reduced such that it is hardly perceptible inside



In a typical office environment, conversations inside the se:cube max are no longer comprehensible outside



se:cube max, Size L, with 3-sided glazing: The inlets and outlets for fresh air and exhaust air are visible at the top

Fresh air and quiet ventilation

With the independent ventilation of se:cube max, fresh air is supplied via the air inlets in the ceiling. The stale air is drawn into the lower part of the technical panel and released back into the surrounding room via the fans above the technical panel. Large cross-sections and sound-insulated ventilation ducts ensure that the room is extensively ventilated and that, at the same time, noise is not transmitted. This means that the process is quiet and there is no perceivable draught. An additional air filter can be integrated as an option.

Complete exchange of air at 100% fan power







Ventilation control is fully automatic via a presence detector with a temperature sensor and CO₂ sensor. There is also an option to order a remote switch for manual operation



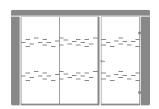
Technical details

se:cube max is available in three sizes and various furnishing options. Its technical equipment and optional elements make the system a top-class workstation.



Glass manifestation

In order to meet safety requirements in the office, se:cube max is delivered with a glass manifestation film as standard.



- glass manifestation film at eye level (1400 mm from the floor)
- without glass manifestation
- glass manifestation for wheelchair-accessible use (1400 mm and 600 mm from the floor)

Standard • Optional



1. Interior technical wall

- covered with recycled PET felt
- fabric-covered panels
- Central panels to the left and right as writable whiteboard with integrated magnetic strip at the top and pen and sponge holder at the bottom



7. All-round presence lighting

• glowing red or blue LED line indicates that the room is occupied



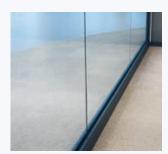
2. Exterior wall panels

- panels in melamine, clear white
- melamine, painted
- writable whiteboard surface



8. Controls (lighting/ventilation)

- fully automatic control of lighting and ventilation via the presence detector in the technical panel
- remote switch for manual control



3. Glass walls

- 12.76 mm laminated safety glass with an intermediate acoustic foil
- glass manifestation film at eye level
- glass manifestation for wheelchairaccessible use



9. Lighting

Meeting lighting set-up

- 2 dimmable LED panels
- remote switch for manual control
- 2 LED panels with colour temperature change and HCL control (incl. remote switch)



4. Door

- 10.76 mm laminated safety allglass door with an intermediate acoustic foil and lowerable floor
- lock case with a dummy cylinder allows for use of customer-specific locking systems



Workshop lighting set-up

- 4 or 6 recessed LED luminaries integrated flush into the ceiling for illumination of the entire
- remote switch for manual control



5. Magnetic closure

the magnetic closure ensures that the door is pulled towards the seal on all sides



10. Power and data cabling

- connections for 2× power, 1× USB charger (A/C) in the technical panel
- additional two power sockets if a monitor is mounted



6. Wheelchair-accessible use

without a door threshold, thus enabling wheelchair-accessible



11. Furnishings

various furnishing options to fit the intended use (Page 29)

Individual colour scheme

se:cube max can be customised to suit any taste or requirement: in brand colours, discreet or as a colourful eye-catcher. The large selection of colour collections offer numerous design possibilities.

Colours and materials for se:cube max:

- 1 Walls and ceiling exterior colour
- 2 Interior wall
- 3 Technical wall

- 4 Technical panel
- 5 Ceiling on the inside
- 6 Door frame and profiles



1. Walls and ceiling exterior colour



Standard: Melamine, clear white Optional: More than 10 colours from the Sedus collections Architecture Line and Colour Harmony

2. Inner wall



Whiteboard



The ceiling is in clear white as standard. Optionally, the colour of the ceiling can be matched to the exterior colour of the se:cube max. This is recommended if the "room-in-room" system is also visible from above

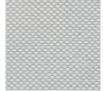
3. Technical wall

PET felt (light grey)



Standard: PET felt in light grey Optional: Colours from the Sedus collections Nova, Atlantic Screen, Era Screen, Sophie Screen (see below)

Nova



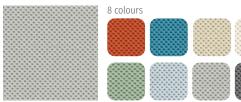
Selection from a total of 13 colours

Era Screen





Atlantic Screen



Sophie Screen



4. Technical panel

Melamine, clear white



Approx. 25 colours

Standard: Melamine, clear white Optional: Approx. 25 colours from the Sedus collections (Melamine: Wood Selection, Architecture Line and Colour Harmony)

5. Ceiling on the inside

PET felt (light grey)



6. Door frames and profiles

Aluminium structured graphite, matt



Six sizes – countless possibilities

1. System	se:cube office cubes		
Size	S – 1.5 m ²	$M-3$ m^2	L - 6.25 m ²
Width × depth × height	1500 × 1000 ×2320 mm	2000 x 1500 × 2320 mm	2500 × 2500 × 2320 mm
Suitable for	1 person	4 persons maximum	6 persons maximum
Examples of use	phone calls concentrated individual work video and web conferences	concentrated work video and web conferences working in pairs	video conferences brainstorming sessions meetings
2. Technical details			
Complete air exchange	in 43 sec.	in 1.6 min.	in 3.5 min.
Glazing	possible on one or two sides		
Floor	integrated base		
Door opening	to the outside		
Power supply	Standard via the floor, optional via the ceiling or wall possible		
Lighting	1 LED panel, central		
Furnishings	empty or preconfigured		
3. Configuration examples			
	Phone Call (standing) Web Con (sitting) Web Con (standing)	Focus Work (sitting) Duo Work (sitting/standing) Video Lounge (sitting) Diner (sitting) Meet (sitting)	Video Lounge (sitting) Diner symmetric (sitting) Brainstorming (sitting/standing/height-adjustable)

se:cube max "room-in-room" system



 $S - 9 m^2$



 $M - 12 m^2$



L - 16 m²

5 7 111	IVI 12 III	L 10 III			
3000 × 3000 × 2400 mm	3000 × 4000 × 2400 mm, 4000 × 3000 × 2400 mm	4000 × 4000 × 2400 mm			
4 persons maximum	6 persons maximum	8 persons maximum			
meetings workshops temporary single office	meetings workshops temporary single/double office	meetings workshops temporary single/double office			
in 3.7 min.	in 5 min.	in 6.7 min.			

possible on one, two or three sides

without base (wheelchair-accessible)

to the inside

standard via ceiling to the technical panel, optional via the floor or wall possible

2 LED panels in the centre (Meeting set-up) or up to six recessed luminairies in the ceiling (Workshop set-up)

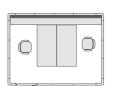
empty



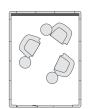
Brainstorming (sitting/standing/ height-adjustable)



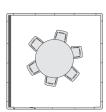
Single office (sitting)



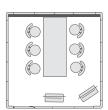
Two-person office (sitting)



Lounge (sitting)



Meeting (sitting)



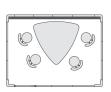
Workshop (agile)



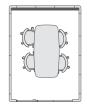
Meeting (sitting)



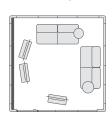
Lounge (sitting)



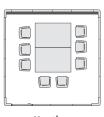
Web Con (sitting)



Brainstorming (sitting/standing)



Workshop (agile)



Meeting (sitting)

= technical wall

Carefully harmonised with each other

A harmonious working environment contributes significantly to well-being and productivity. In addition to sophisticated furnishings, appealing fabric and material combinations and the choice of colour accents are decisive factors.

Whether "Smart Balance", "Soft Being", "Urban Living" or "Multi Creation" - se:cube can easily be set up with any of these colour schemes.

Do you need support in planning and implementation?

The experts from Sedus Workplace Consulting are looking forward to helping you design your modern smart office. From analysing the floor plan and designing the concept to choosing the colours from the colour schemes - at Sedus you get everything from a single source.

Smart Balance

structured, technical, functional, light, reduced, quiet





Urban Living

comfortable, respectable, elegant, urban, intense, timeless





Soft Being

gentle, calm, balanced,





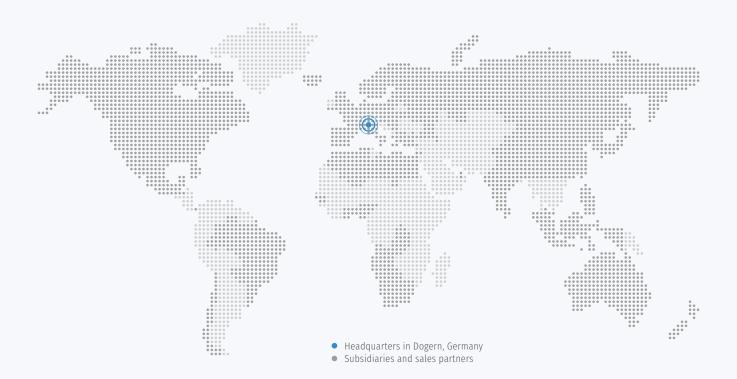
Multi Creation

motivating, inspiring, open,





On site worldwide



Visit us in one of our showrooms

- · Austria: Vienna
- · Belgium: Erembodegem-Aalst
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- · Netherlands: Zoetermeer
- Spain: Madrid
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Visit us on our social media channels!

"se:cube & se:cube max

are office cubes & "room-in-room" systems for openplan offices. The excellent acoustic shielding, integrative design and easy installation make them the ideal place for agile working. "?"

Sedus Design Team

