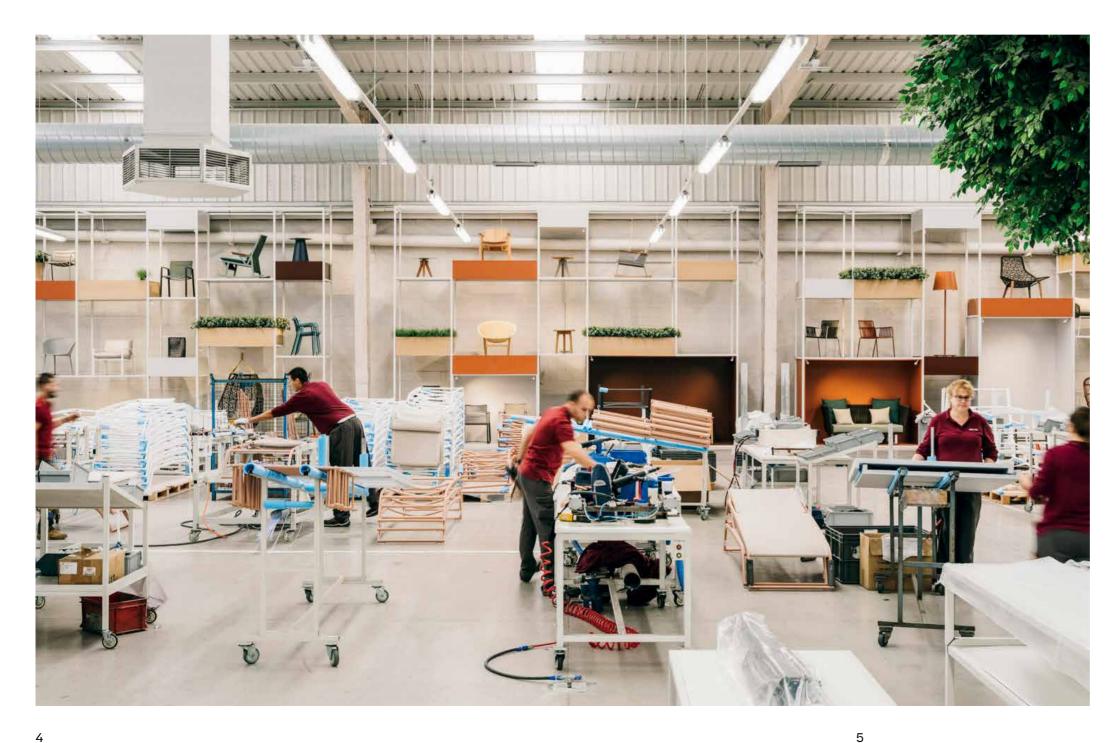


kettal

Workplace		Index	
2-3	Index	92 — 111	Support
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20 – 39	Focus	190 — 215	Materials
40 – 63	Meeting rooms	216 — 219	Environment
64 — 91	Hub	220	Credits

Workplace Kettal

Kettal is a family business established in Europe in 1966.



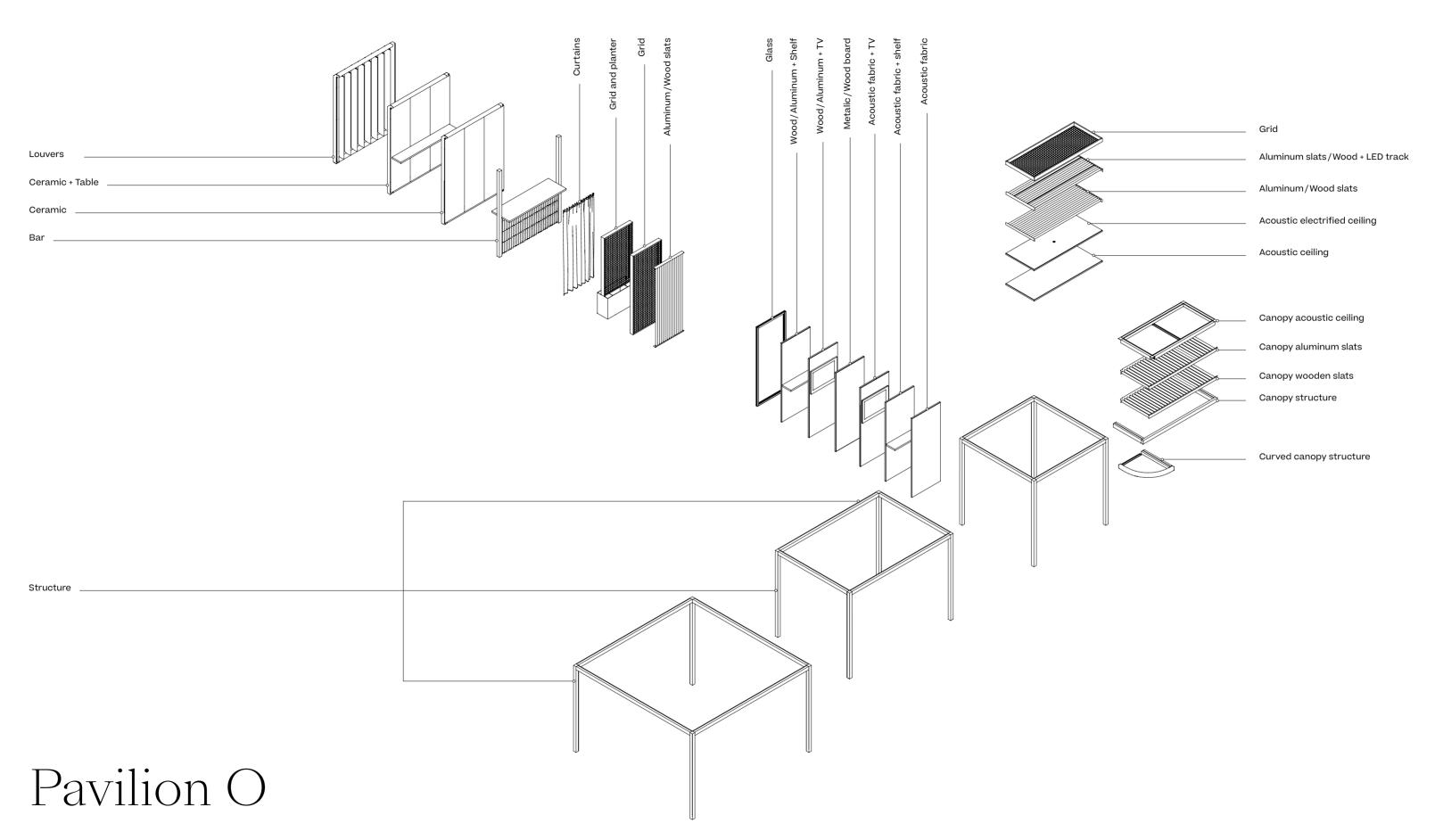
All of our products are manufactured 45km from Barcelona in a small coastal town. We pride ourselves on our European made quality. In-house manufacturing allows us to pay close attention to detail and gives us the ability to meet our clients' customization requirements, making each piece of Kettal furniture unique and exclusive.

The importance of research - both scientific and technological - has always been at the forefront of our product development. The high-quality products we offer today are the result of our spirit of innovation.

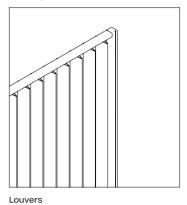
We have our own state of the art manufacturing plant where the product is designed, manufactured and tested locally.

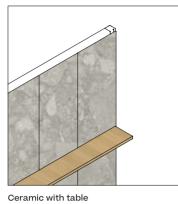
Our manufacturing processes involve intense manual labor and 85% of Kettal products are handmade. Our handmade ethos means that we build strong yet beautiful Kettal pieces that display an exquisite attention to detail.

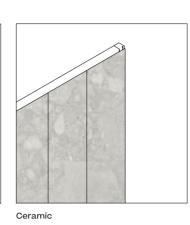
Workplace Pavilion O

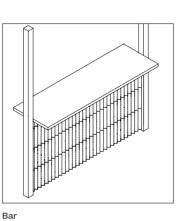


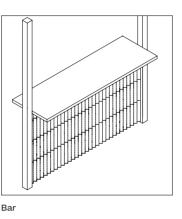
Side panels

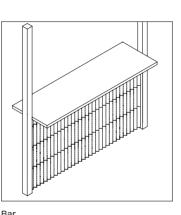


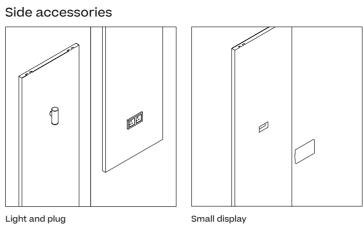


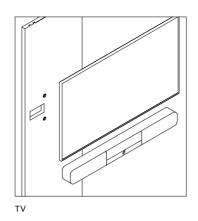


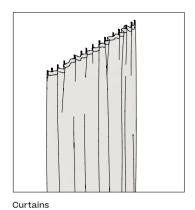


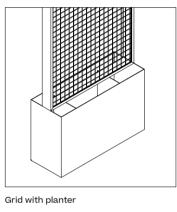


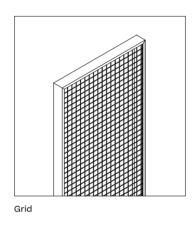


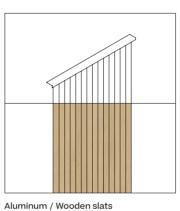


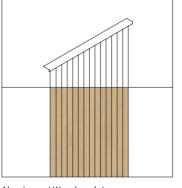


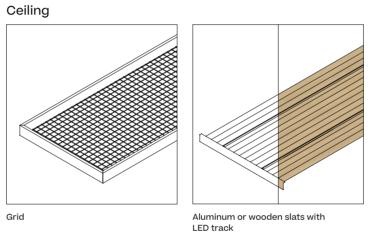


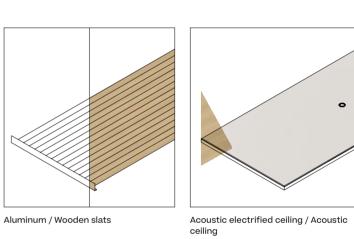


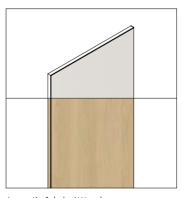


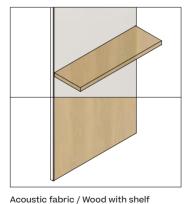


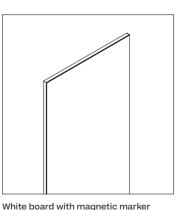




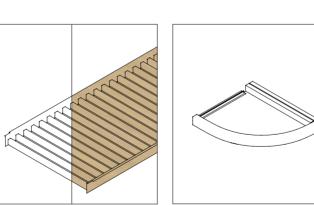












Curved canopy structure



Acoustic fabric / Wood

Acoustic fabric / Wood with shelf

White board with magnetic marker

Canopy aluminum slats / Wooden slats

10

Grid

Officespace

A workplace resembling a living city, with its interconnected neighborhoods, networks and spaces.

Hub Focus Meeting Support

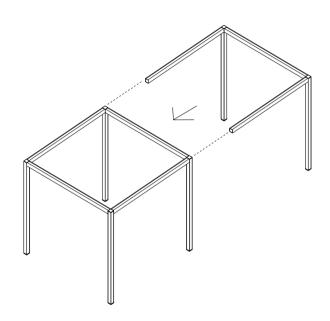
The need for flexible, open-plan workspaces is clear. Pavilion O allows you to define your own layouts in a way that meets both the demands of modern employees and the unique needs of your company. As if you were the architect of your own city, you can use Pavilion O to help you define your workplace's structure, private and public spaces, and overall flow.

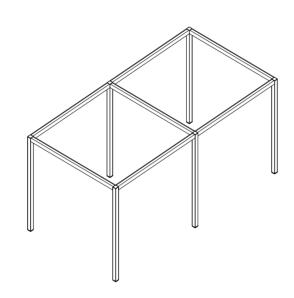
Workplace Officespace



Modularity

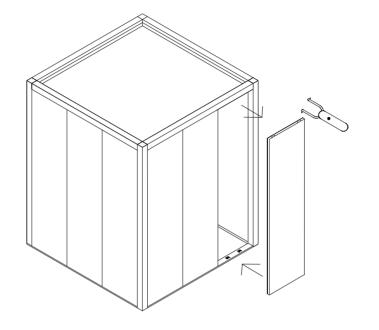
Click & Work

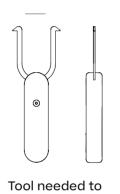




Pavilion O adapts to the context of any modern workspace. It is a dynamic way to transform your office space, thereby increasing productivity and creativity amongst your teams. It gives you the option to create several spaces; from one-person private rooms to those that can accommodate the entire team.

Your office can be set up in a variety of different configurations. The basic structure conforms to the grid layout commonly used in office planning and it has ceiling heights that can adapt to all environments.

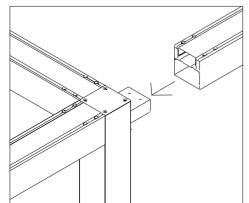


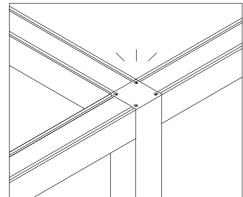


extract the panel

Our unique clipping system means you can transform your spaces to create your own mood ecosystems. Wall to wall or corner to corner, the scope for creating adaptable office spaces is limitless.

Configurations can be altered in a few hours to provide new spaces. A quick and easy installation demountable structure.

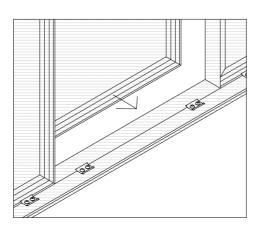


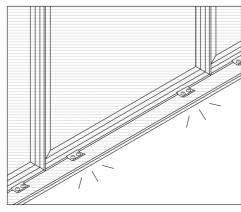


The ingenious square tube and corner connector system generates a sense of light and space.



Find out more







Find out more

Focus

Meeting



Support

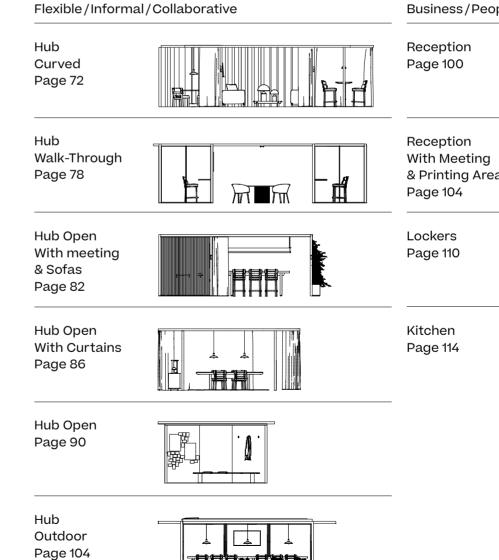
High focus/Workpoints Formal collaboration Phonebooth S Meeting rooms (1 person) 2 persons Page 32 Page 48 Meeting rooms Phonebooth L (2 persons) 2/4 persons Page 38 Page 50 Phonebooth XL Meeting rooms (4 persons) 4/6 persons Page 42 Page 54 Meeting rooms 6/8 persons

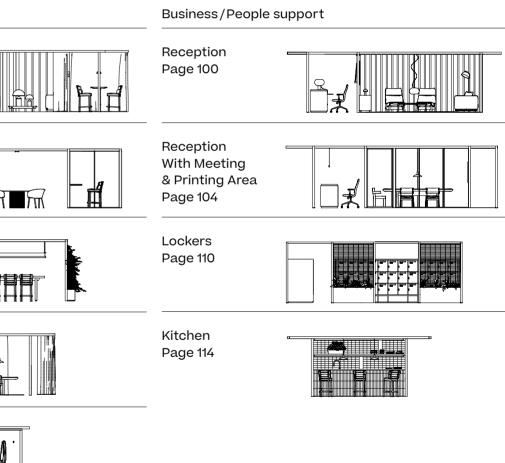
Page 58

Meeting rooms

Special size

Page 64





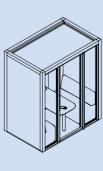
Focus

Spaces tailored for those occasions when isolated work is required.

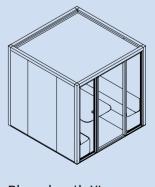
Certain situations require your employees to increase their focus. It might be a meeting between them and a top client or it could be a puzzling problem that requires quiet analysis. Our system can help you create spaces that allow them to excel in such situations.



Phonebooth S



Phonebooth L

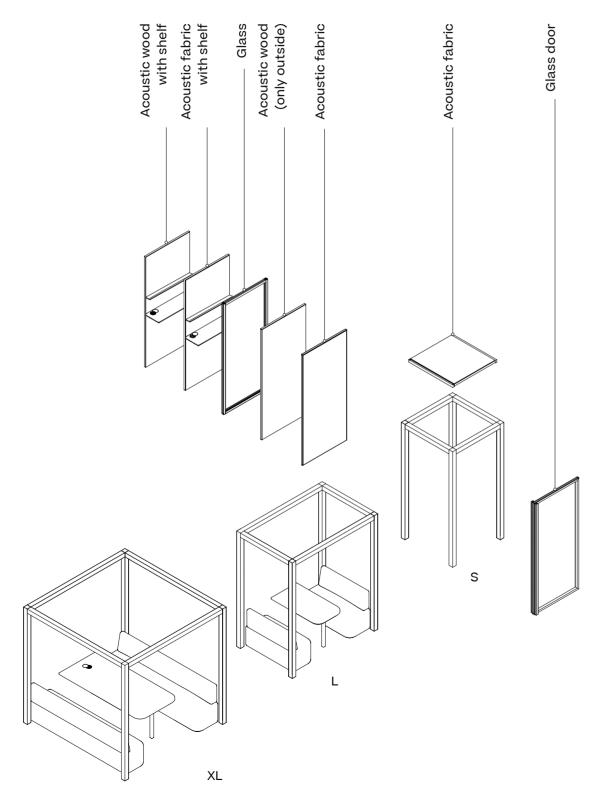


Phonebooth XL



Focus

Phonebooths



Features







Shelf + Led light + PIR



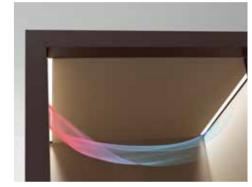
LED track curtain



Handicap flooring, pivoting door



Plug and play



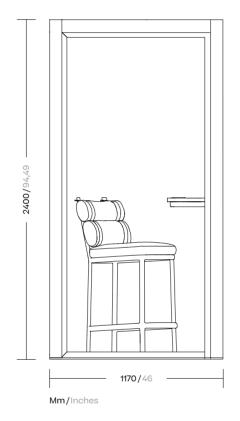
Ventilation system

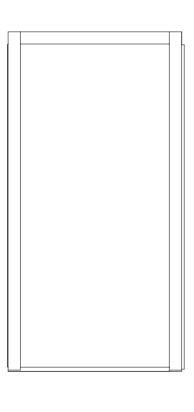


Crestron screen (optional)

25

Phonebooth S





Description

A Phonebooth with one seat. Ideal to join a call or video conference with your client, free from all distractions. The exceptional acoustics and physical comfort allow for better communication, as well as concentration.

Specifications

- · 4+4 or 6+6 mm
- · Pivot door
- Aluminium frame
- Acoustic panels
- Absorption system
- Fabric or glass
- Faced external wall
- Air ventilation system
- LED lighting
- · PIR sensor





Focus

Version A



Version B



3 fabric sides

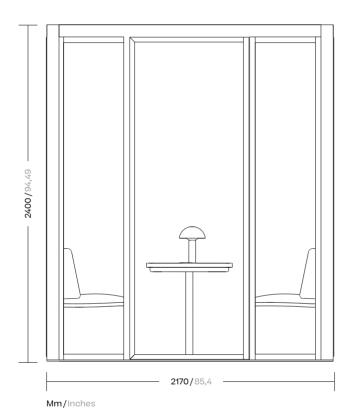
2 fabric sides & 1 glass side

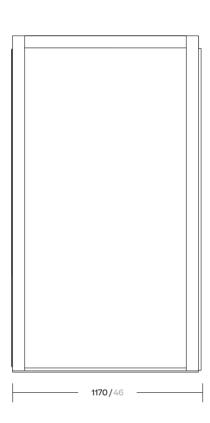


See video here



Phonebooth L





Description

A Phonebooth with 2 seats.

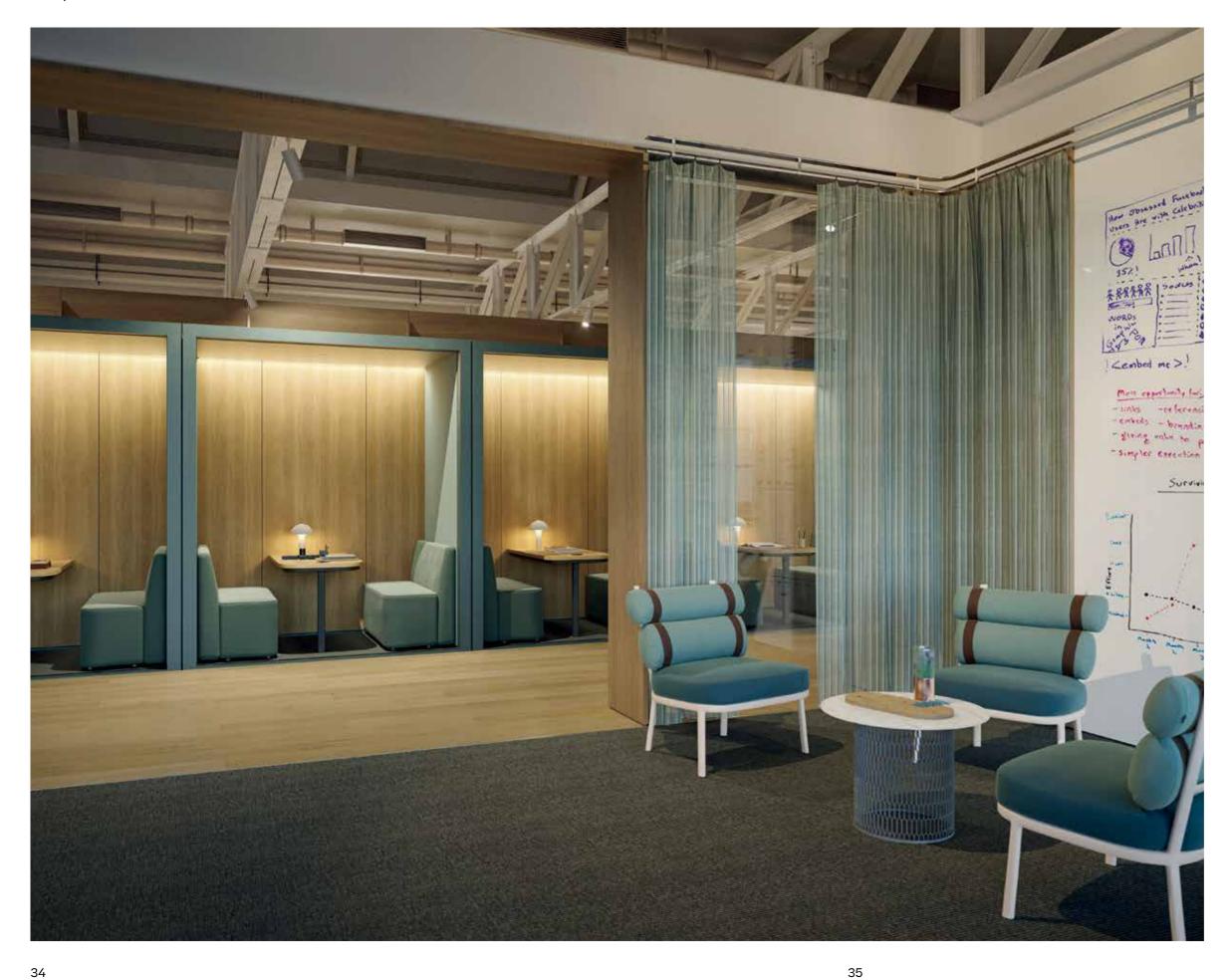
Convenient to sit down for one-on-one meetings in private. The exceptional acoustics and physical comfort allow for better communication, as well as concentration.

Specifications

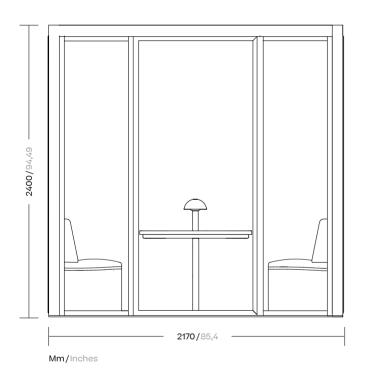
- · 4+4 or 6+6 mm
- Pivot door
- Aluminium frame
- Acoustic panels
- Absorption system
- Fabric or glass
- Faced external wall
- · Air ventilation system
- LED lighting
- · PIR sensor

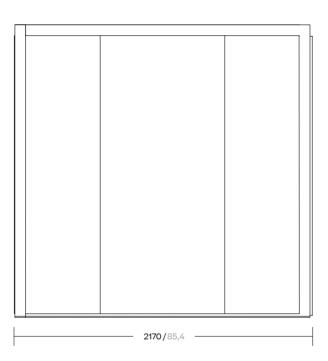


Workplace Focus



Phonebooth XL





Focus

Description

A Phonebooth with 4 seats. Ideal for meetings in spacious comfort and privacy.

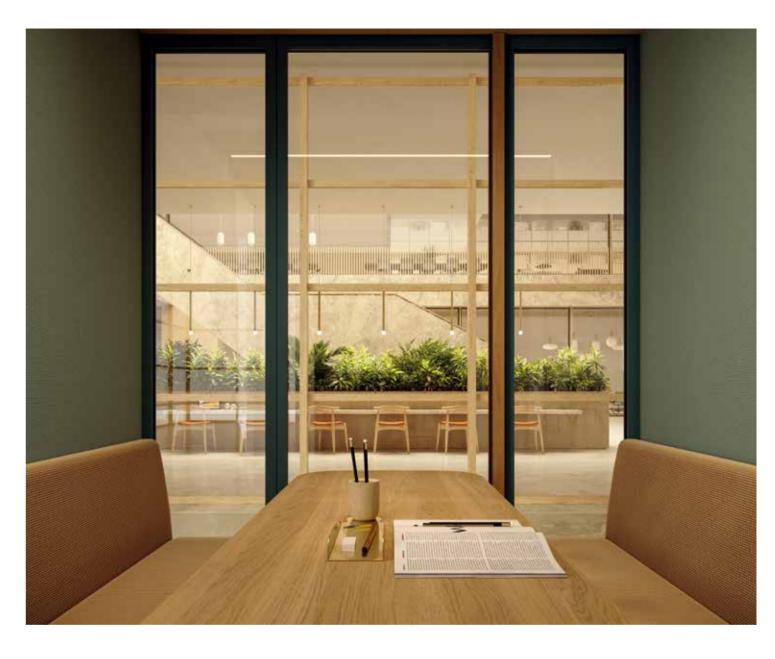
The exceptional acoustics and physical comfort allow for better communication, as well as concentration.

Specifications

- · 4+4 or 6+6 mm
- · Pivot door
- Aluminium frame
- Acoustic panels
- Absorption system
- Fabric or glass
- Faced external wall
- · Air ventilation system
- LED lighting
- · PIR sensor







Meeting

Comfort and silence means better communication and better meetings.

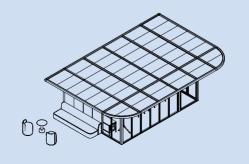
Whether it is a meeting with colleagues or clients, you want to optimize its effectiveness. Comfort is crucial — particularly when your meeting is long in duration. We recognize this and have designed accordingly. Our superior sound insulation provides a quiet, distraction-free environment for holding your meetings without disturbing those in the vicinity.



Meeting Room 2 persons



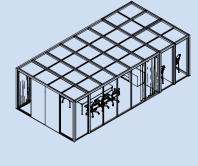
Meeting Room 2/4 persons



Meeting Room 4/6 persons



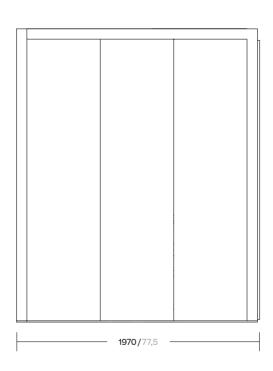
Meeting Room 6/8 persons



Meeting room Special sizes

Meeting room 2 persons





Meeting

Description

A meeting room fitting 2 persons. You can sit down alone for a meeting with your clients or colleagues who are participating remotely. The exceptional acoustics and physical comfort allow for better communication, as well as concentration.

The adaptable system allows for the integration of additional open modules with different functions.

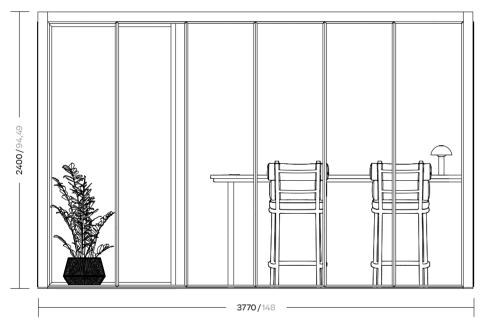
Specifications

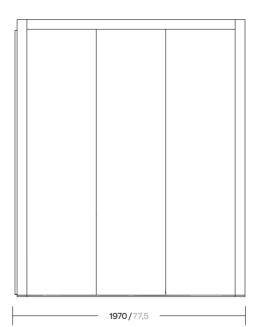
- · 4+4 or 6+6 mm
- · Pivot door
- · Aluminium frame
- Acoustic panels
- Absorption system
- Fabric/Metal/Wood/ Glass
- Faced external wall

- · Air ventilation system
- LED lighting
- · PIR sensor
- · Adaptable and modular
- · AV systems option
- · Dimmable lights



Meeting room 2/4 persons





Mm/Inches

Description

Gather with a group of up to four to conduct a meeting. The exceptional acoustics and physical comfort allow for better communication, as well as concentration.

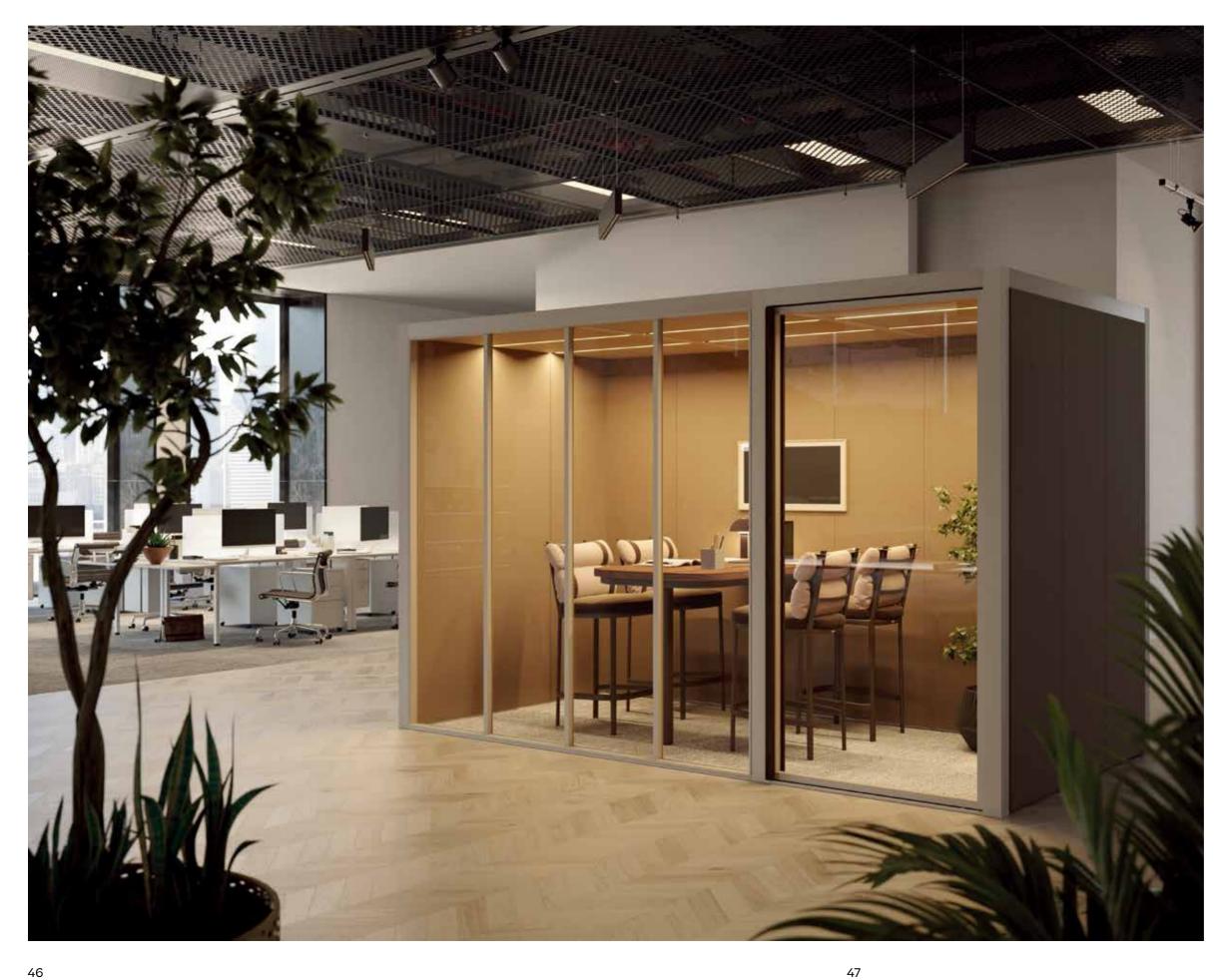
The adaptable system allows for the integration of additional open modules with different functions.

Specifications

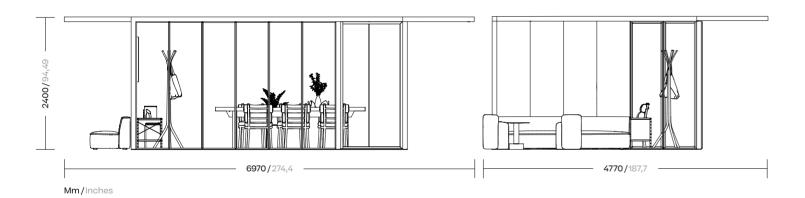
- 4+4 or 6+6 mm
- · Pivot door
- · Aluminium frame
- Acoustic panels
- Absorption system
- Fabric/Metal/Wood/ Glass
- · Faced external wall

- · Air ventilation system
- LED lighting
- · PIR sensor
- Adaptable and modular
- · Dimmable lights
- · AV systems option





Meeting room 4/6 persons



Description

A meeting room that can accomodate up to 6 persons. The exceptional acoustics and physical comfort allow for better communication, as well as concentration.

The adaptable system allows for the integration of additional open modules with different functions.

Specifications

- · 4+4 or 6+6 mm
- · Pivot door
- Acoustic panels
- · Aluminium frame
- · Absorption system
- · Fabric/Metal/Wood/Glass

LED lighting

· Dimmable lights

· AV systems option

· Adaptable and modular

· PIR sensor

- Faced external wall
- · Air ventilation system





Meeting room 6/8 persons



Video here



Description

A meeting room for up to 8 persons. The exceptional acoustics and physical comfort allow for better communication, as well as concentration.

The adaptable system allows for the integration of additional open modules with different functions.

Specifications

- · 4+4 or 6+6 mm
- · Pivot door
- · Aluminium frame
- Acoustic panels
- · Absorption system

- Fabric/Metal/Wood/Glass

LED lighting

· Dimmable lights

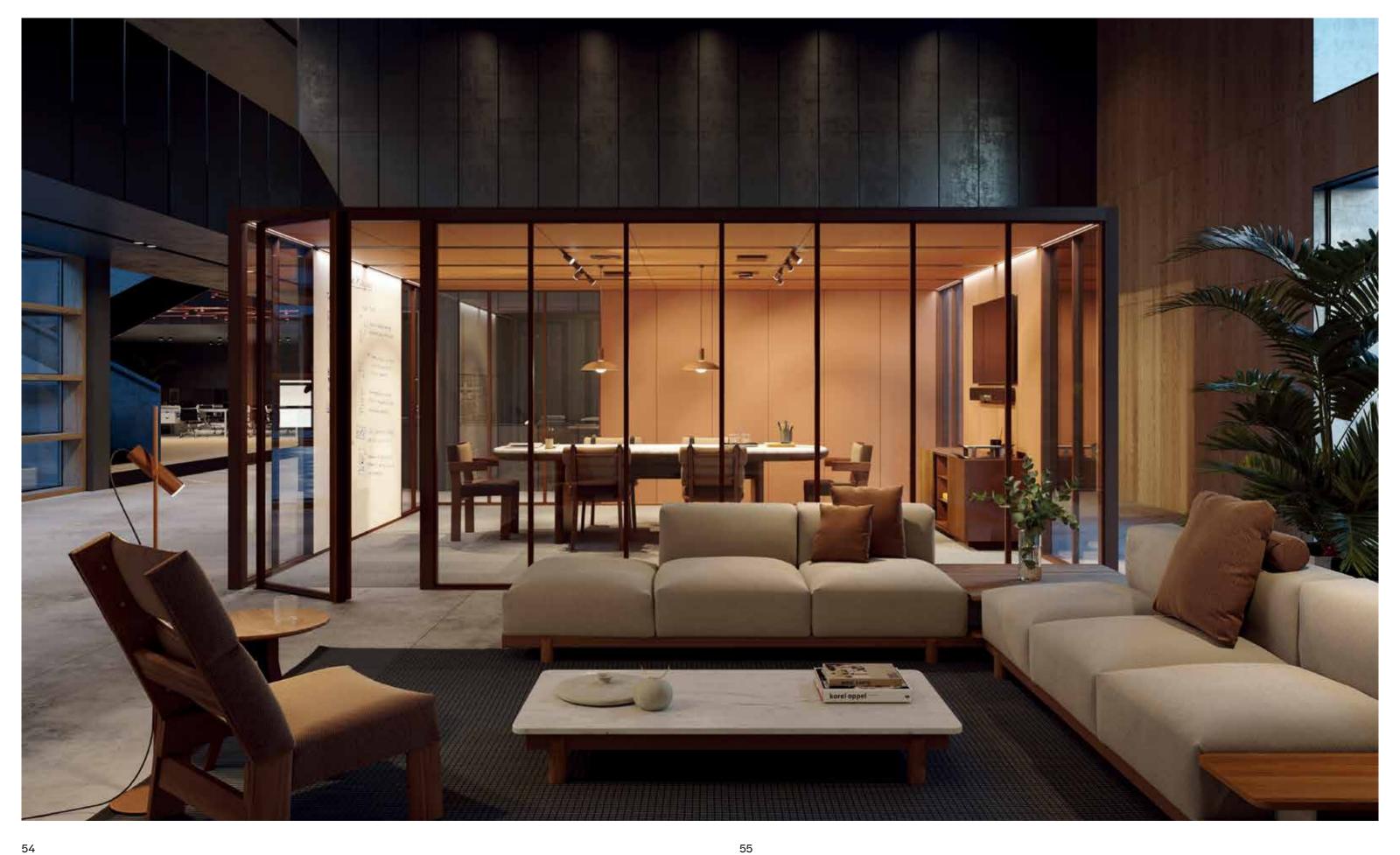
· AV systems option

· Adaptable and modular

· PIR sensor

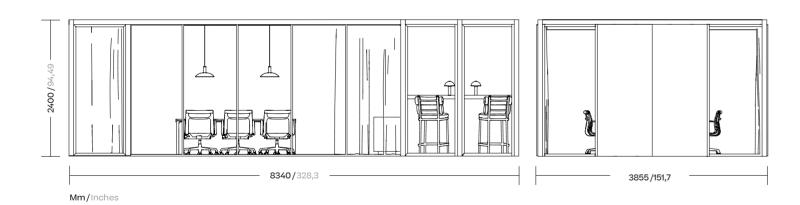
- · Faced external wall
- Air ventilation system







Meeting room Special size



Description

A meeting room accommodating up to 10 persons. The exceptional acoustics and physical comfort allow for better communication, as well as concentration.

The adaptable system allows for the integration of additional open modules with different functions.

Specifications

- · 4+4 or 6+6 mm
- · Pivot door
- · Aluminium frame
- Acoustic panels
- · Absorption system
- Fabric/Metal/Wood/Glass

LED lighting

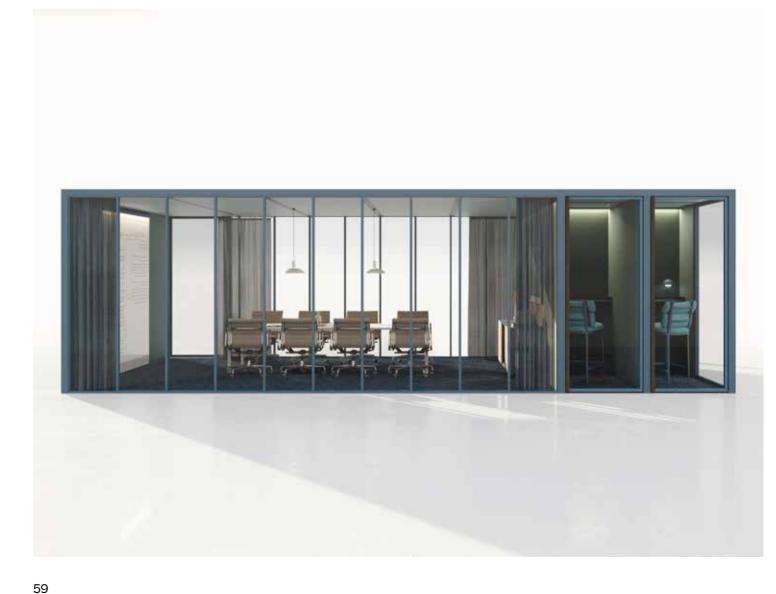
· Dimmable lights

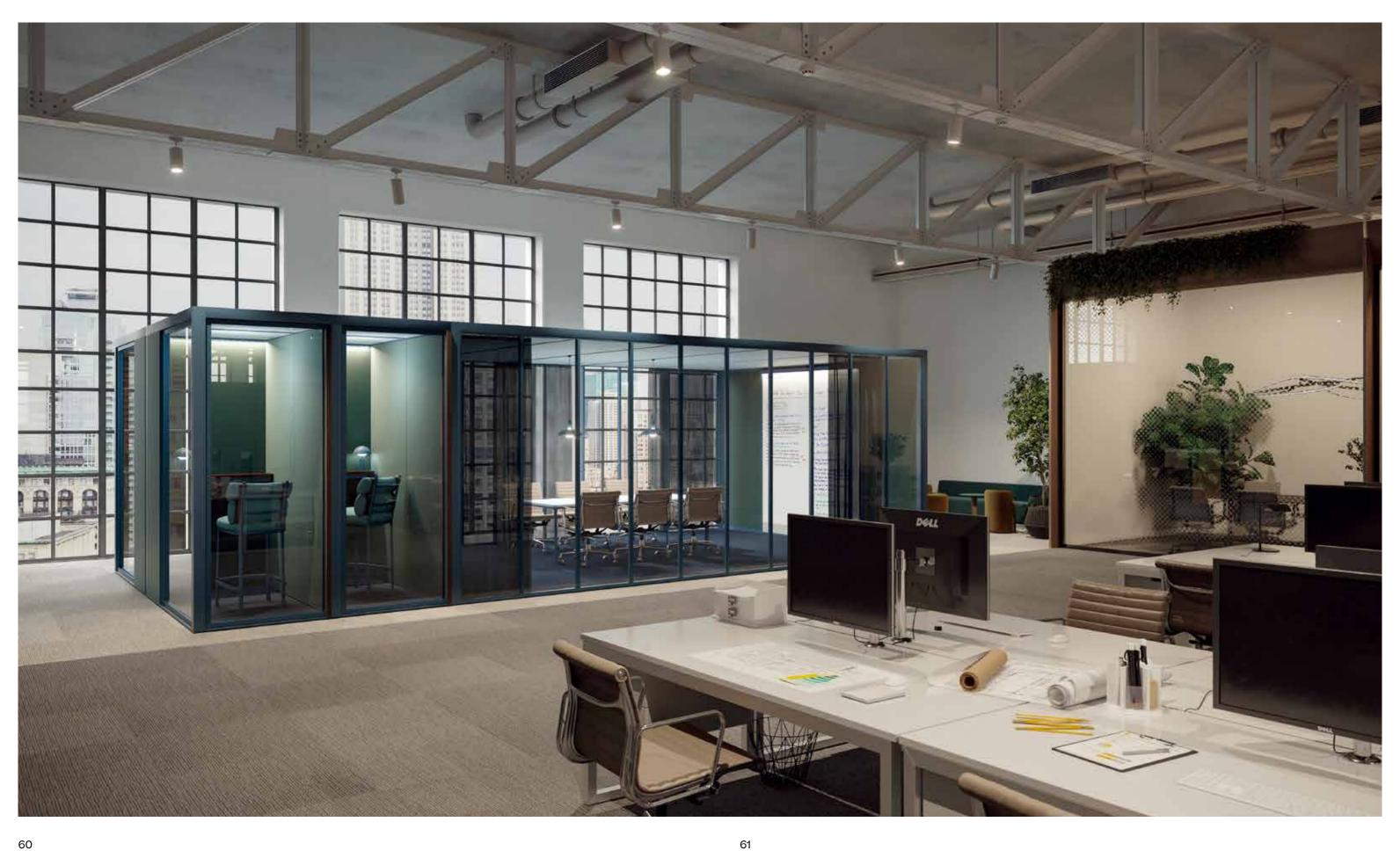
· AV systems option

· Adaptable and modular

· PIR sensor

- · Faced external wall
- Air ventilation system



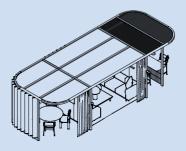




Hub

Hybrid structures to connect your staff in a social way.

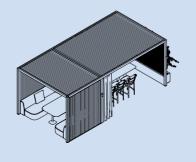
Hub offers you a third-space within your actual office space. Your employees can mingle for chats, impromptu brainstorming sessions or perhaps a quick coffee after an intense meeting with a top client. The flexibility of our Hub system enables you to create scenes that complement whatever vision you have for your office culture.



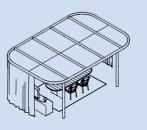
Hub Curved



Hub Walk Through



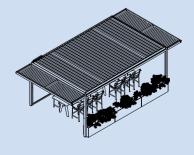
Hub Open With Meeting & Sofas



Hub Open With Curtains

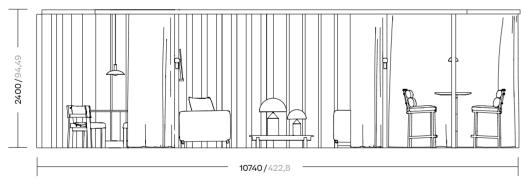


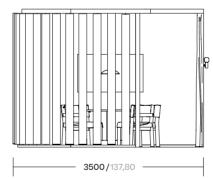
Hub Open



Hub Outdoor

Hub Curved





Hub

Mm/Inches

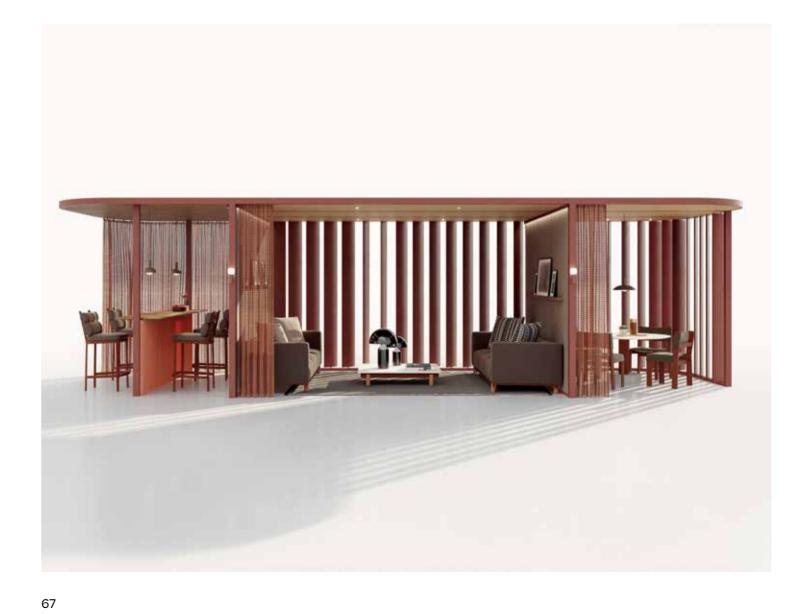
Description

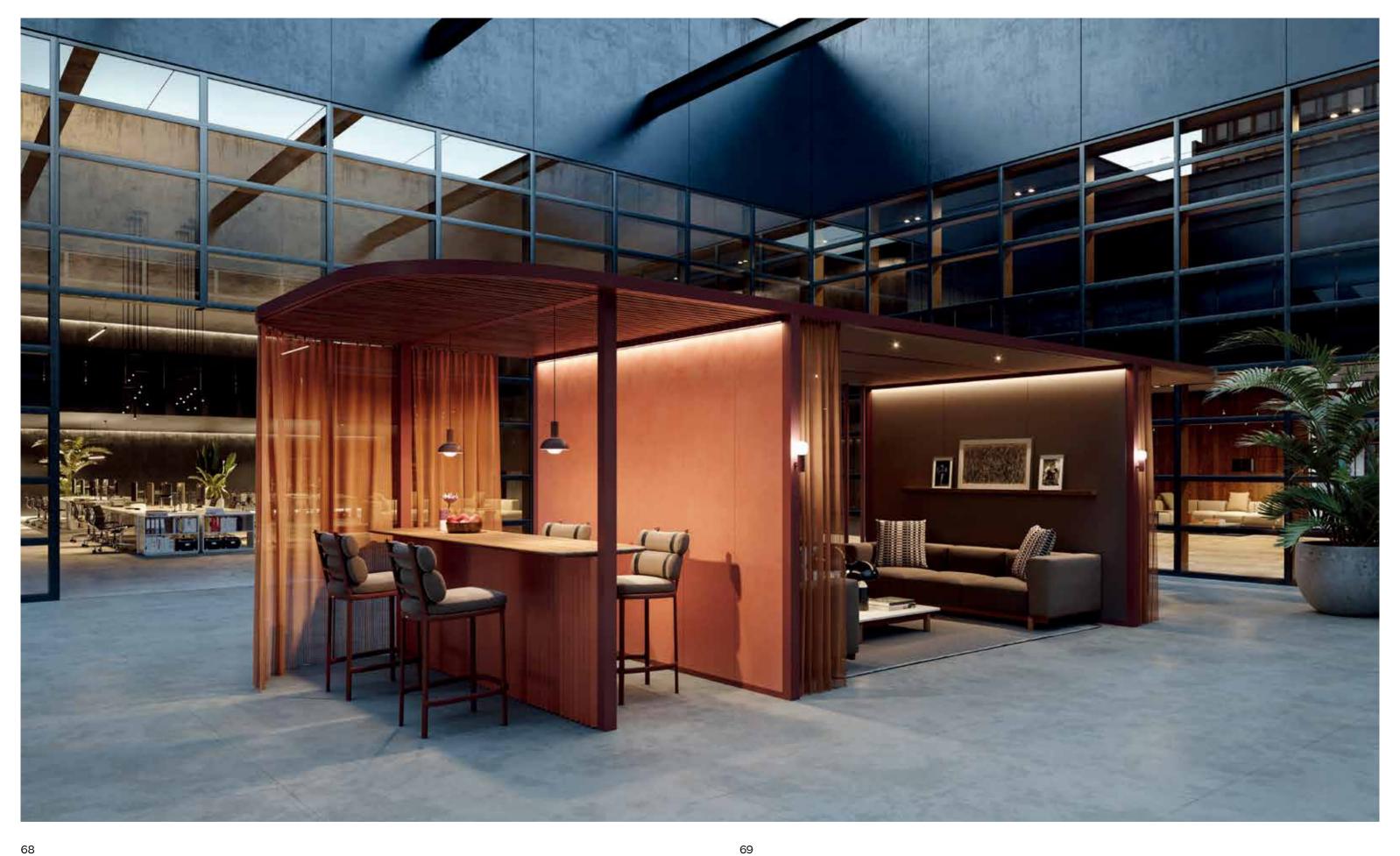
Three zones under one roof. Whether it is for sitting, meeting or taking a break, this curved structure will suit . Pivot door a variety of casual or impromptu interactions.

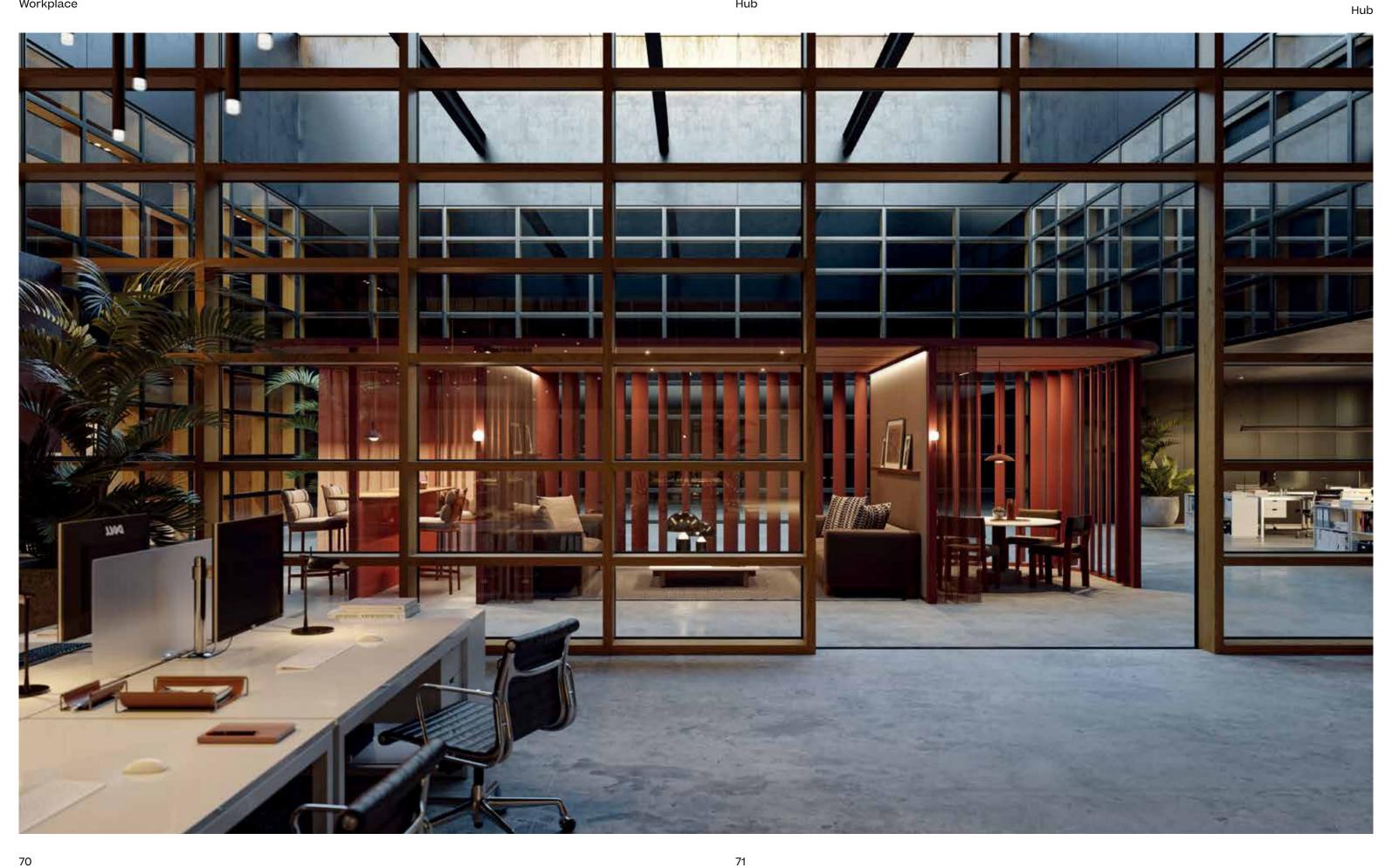
Specifications

- · 4+4 or 6+6 mm
- Aluminium frame
- Acoustic panels
- Absorption system
- Fabric/Metal/Wood/ Ceramic/Glass
- · Faced external wall

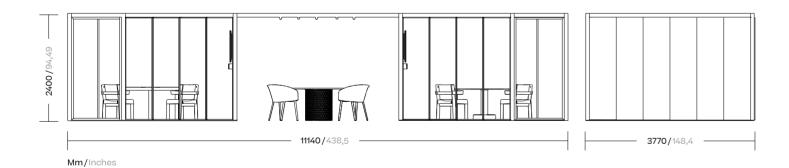
- · Air ventilation system
- LED lighting
- · PIR sensor
- · Adaptable and modular
- · Dimmable lights
- · AV systems option







Hub Walk Through



Description

Two spacious meeting rooms on either side of a more casual open gathering point. Suitable for either formal or relaxed interactions.

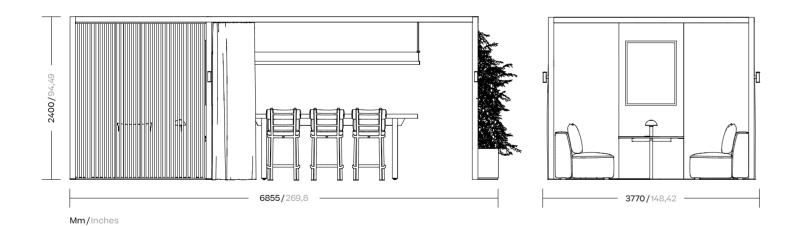
Specifications

- · 4+4 or 6+6 mm
- · Pivot door
- · Aluminium frame
- · Metal frame
- Acoustic panels
- Absorption system
- Fabric/Metal/Wood/ Ceramic/Glass
- Faced external wall
- · Air ventilation system
- LED lighting
- · PIR sensor
- Adaptable and modular
- Dimmable lights
- · AV systems option





Hub Open With meeting & Sofas



Description

A six-person, high-table discussion space attached to a sofa area. Suitable for a variety of semi private gatherings.

Specifications

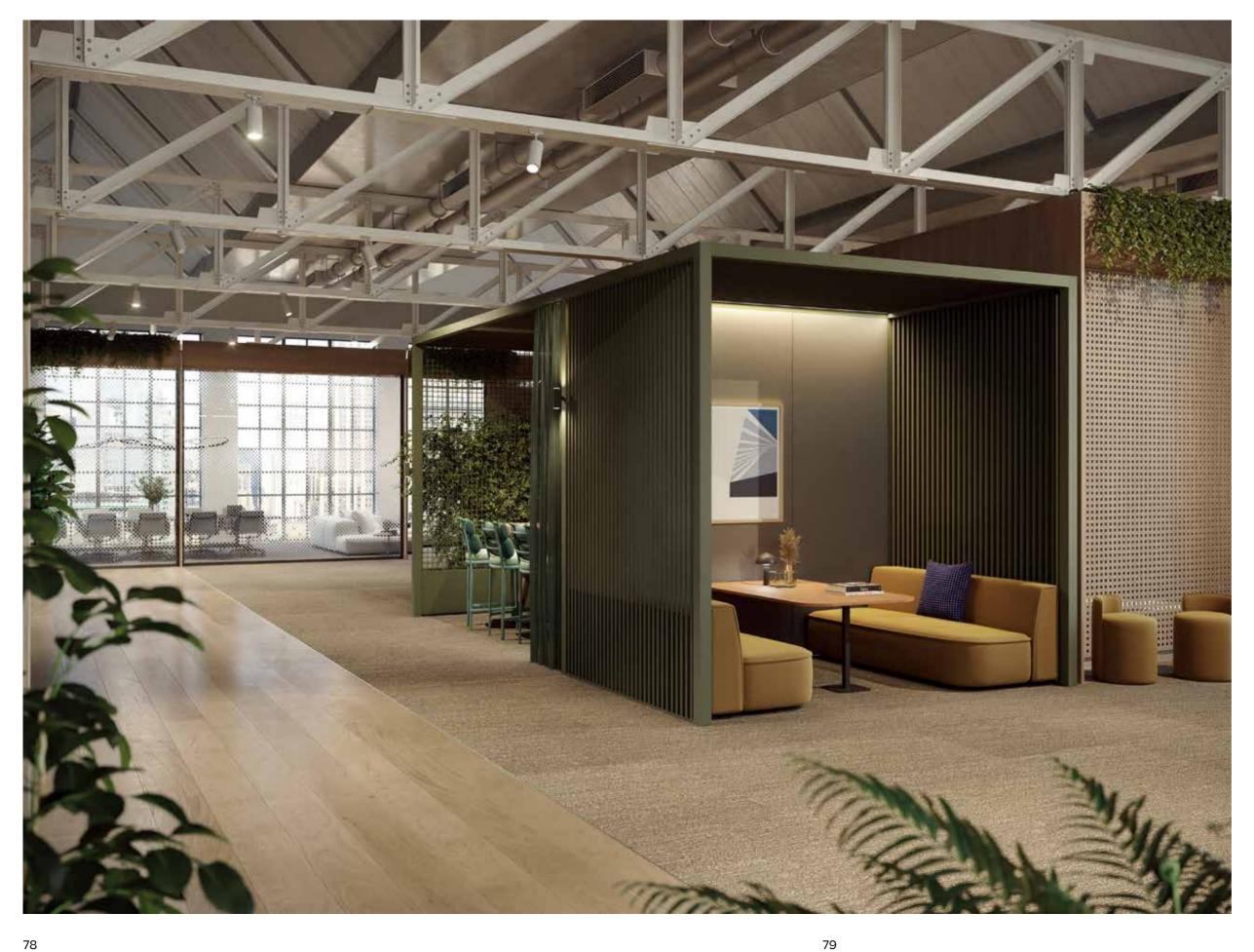
- Single or double glazed wall system
- Pivot door
- · Metal frame
- Acoustic panels
- Absorption system
- Fabric/Metal/Wood/ Ceramic/Glass
- Faced external wall
- · Air ventilation system

Hub

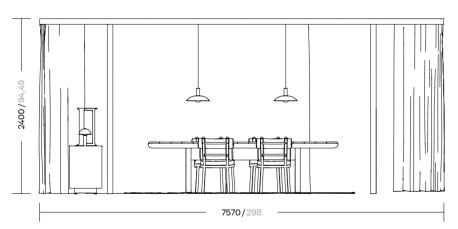
- LED lighting
- · PIR sensor
- Adaptable and modular
- · Dimmable lights
- · AV systems option

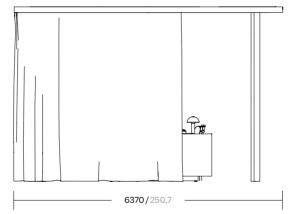


Workplace Hub



Hub Open With Curtains





Hub

Mm/Inches

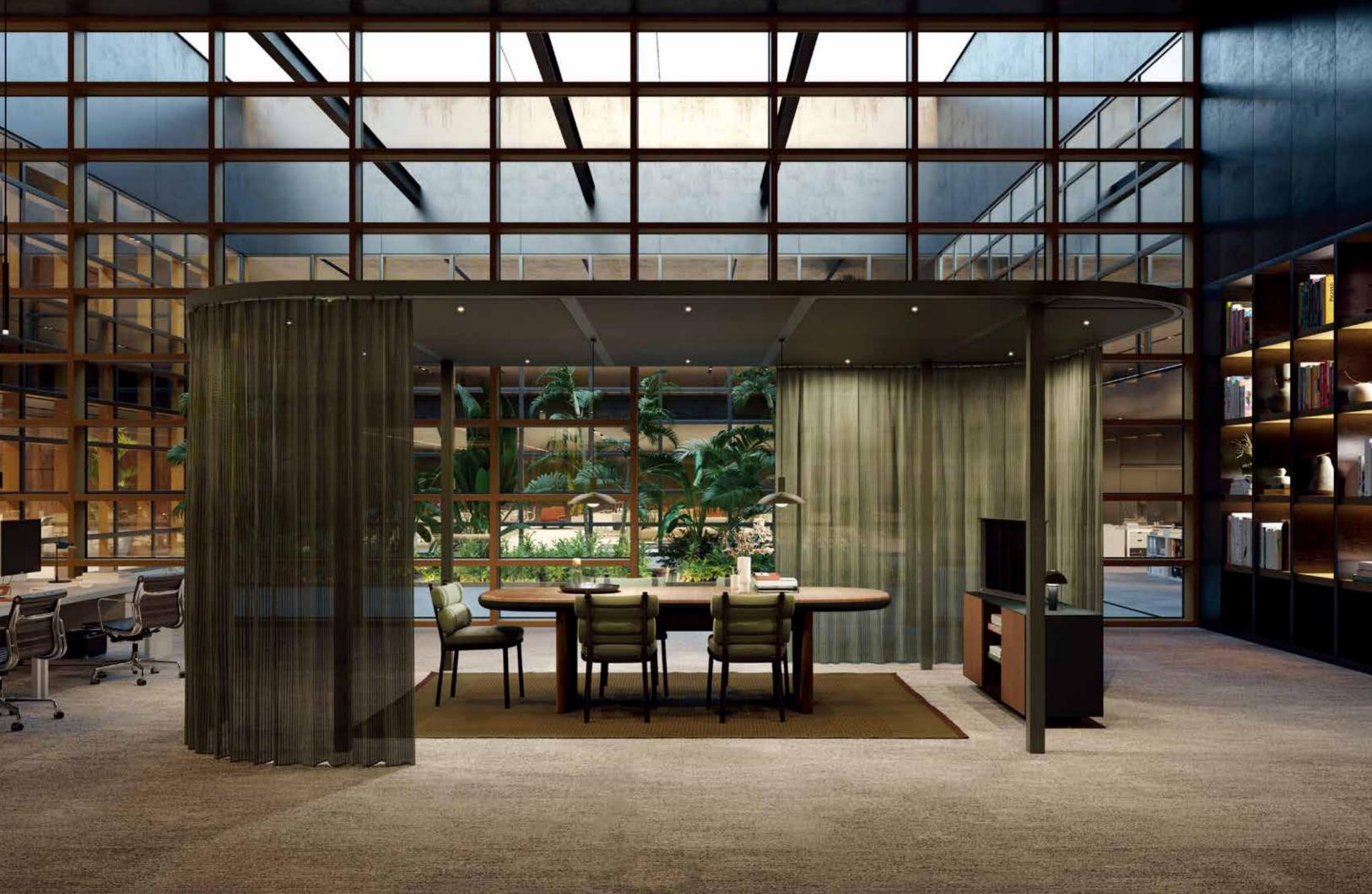
Description

An open meeting space with curtains that add an atmospheric, living room-like comfort. Suitable for a small group to meet in a relaxed fashion.

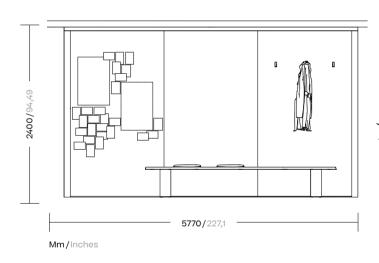
Specifications

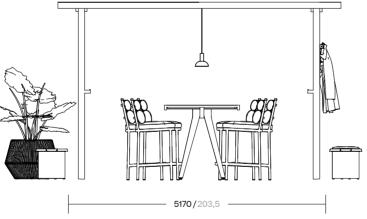
- · 4+4 or 6+6 mm
- · Pivot door
- · Aluminium frame
- · Metal frame
- Acoustic panels
- Absorption system
- Fabric/Metal/Wood/ Ceramic/Glass
- Faced external wall
- · Air ventilation system
- LED lighting
- · PIR sensor
- Adaptable and modular
- · Dimmable lights
- · AV systems option





Hub Open





Description

An open and creative space, ideal for brainstorming on the go. Includes a small bench at the rear.

Specifications

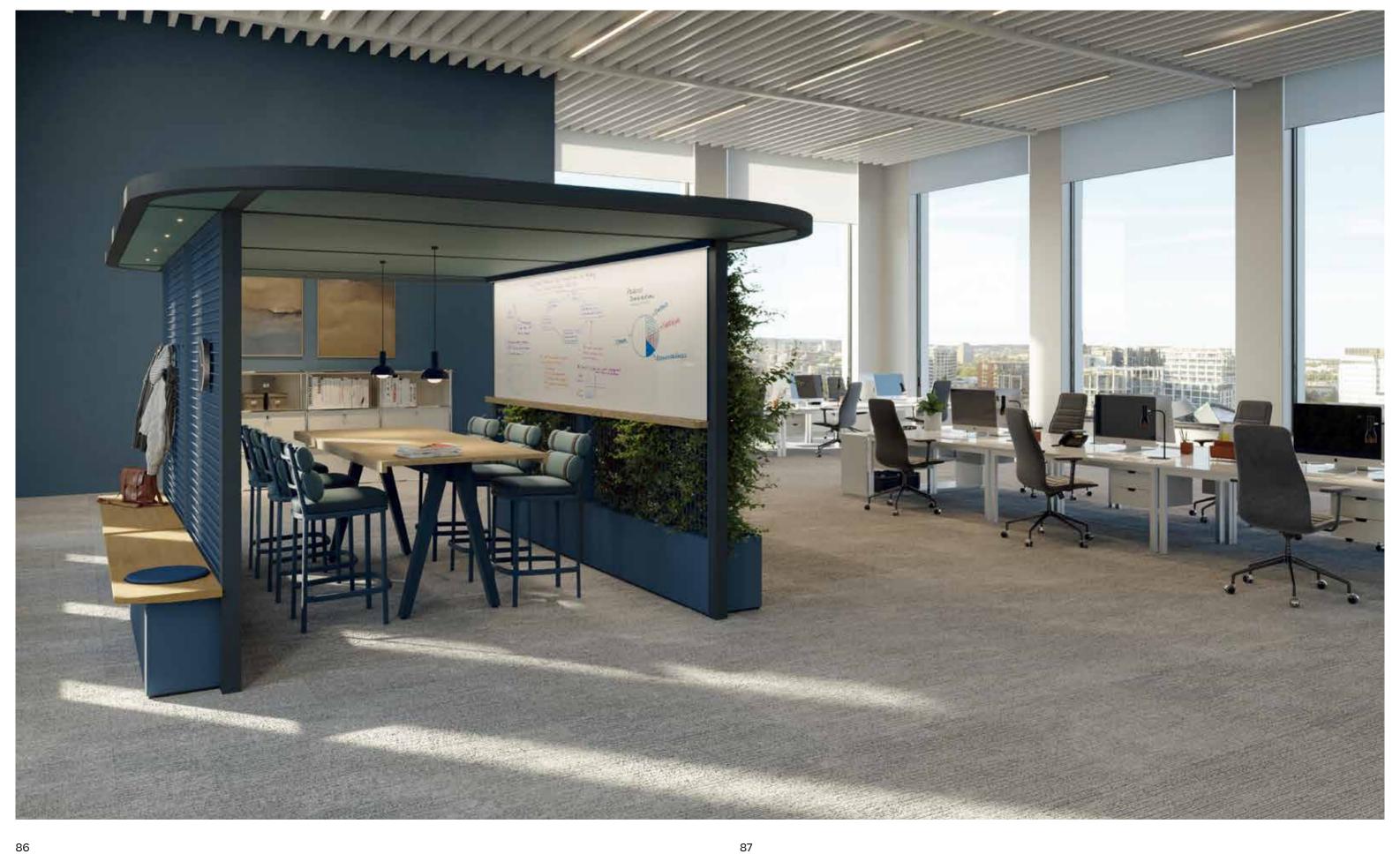
- · 4+4 or 6+6 mm
- · Pivot door
- Aluminium frame
- Metal frame
- Acoustic panels
- Absorption system
- Fabric/Metal/Wood/ Ceramic/Glass
- Faced external wall

Hub

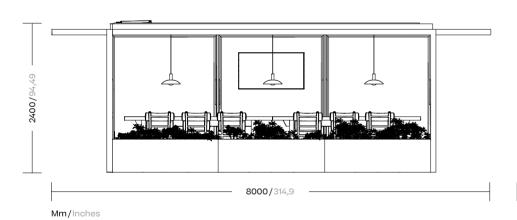
- Air ventilation system
- LED lighting
- · PIR sensor
- · Adaptable and modular
- · Dimmable lights
- · AV systems option

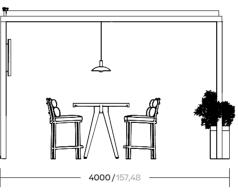


Workplace Hub



Hub Outdoor





Description

We designed the pavilion from the perspective of adaptability and it is therefore extremely versatile. It can be integrated not only with indoor spaces but also with outdoor ones. Its flexible and modular structures enable it to be used as a large shade and even for the creation of covered walkways.

Specifications

- · Pavilion H profile
- · LED lighting
- · Aluminium frame
- PIR sensor
- Accesories
- · Fabric, glass, wood, stone

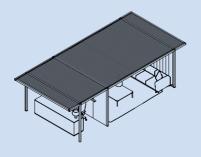




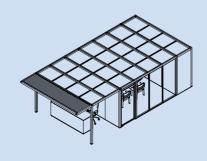
Support

Functional spaces that support the smooth running of your business.

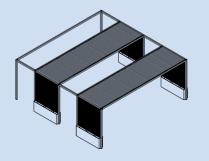
From receptions and printing areas to kitchens and lockers, there are additional areas that every modern office is expected to have. We have designed structures that can provide for all of these support areas in a most stylish way.



Reception & Lounge



Reception With Meeting & Printing Area

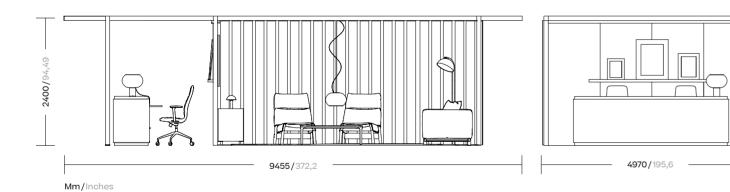


Lockers



Kitchen

Reception

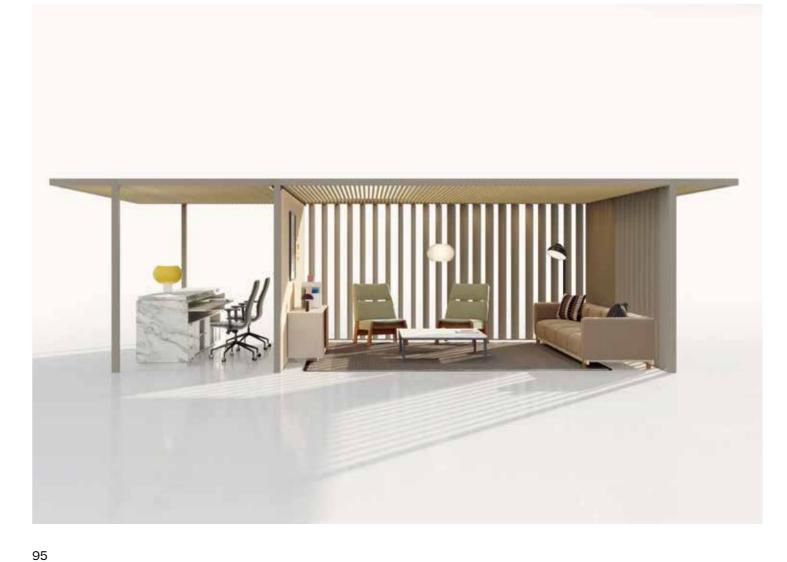


Description

A sleek reception and waiting area that also impresses visiting clients.

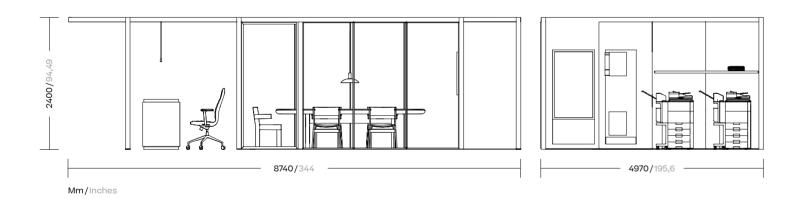
Specifications

- · 4+4 or 6+6 mm
- Pivot door
- · Aluminium frame
- Acoustic panels
- Absorption system
- Fabric or glass
- · Faced external wall
- · Air ventilation system
- LED lighting
- PIR sensor





Reception With Meeting & Printing Area

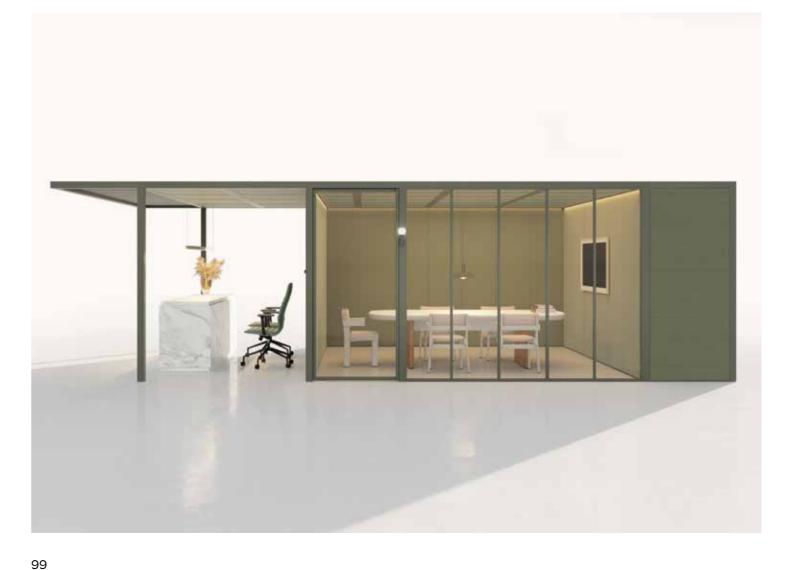


Description

A dedicated printing area that neighbors a smart reception and spacious meeting room to support your business operations.

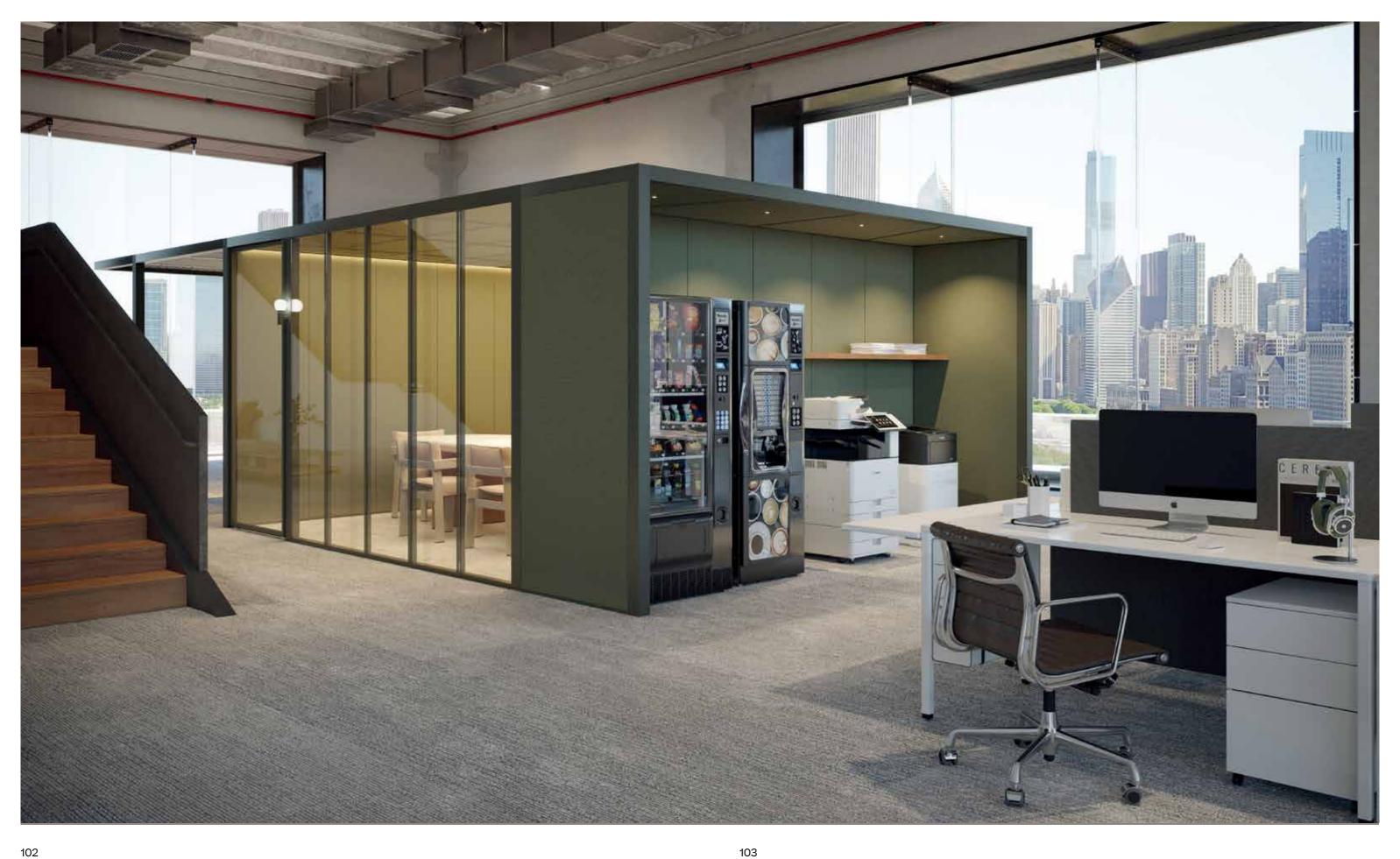
Specifications

- · 4+4 or 6+6 mm
- · Pivot door
- · Aluminium frame
- · Acoustic panels
- Absorption system
- Fabric or glass
- · Faced external wall
- · Air ventilation system
- · LED lighting
- · PIR sensor

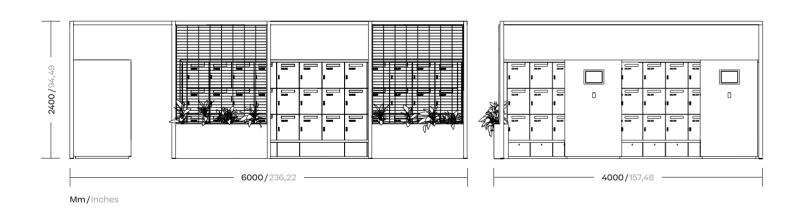




Workplace Support



Lockers



Description

A convenient locker area to support your employees and their lifestyles.

Specifications

- · 4+4 or 6+6 mm
- · Pivot door
- Aluminium frame
- · Acoustic panels
- · Absorption system
- Fabric or glass
- · Faced external wall
- · Air ventilation system

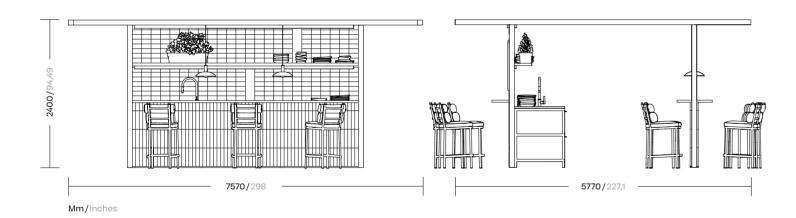
Support

- LED lighting
- · PIR sensor





Kitchen



Description

A clever and open kitchen to support your employees while they recharge and interact with each other.

Specifications

- · 4+4 or 6+6 mm
- · Pivot door
- Aluminium frame
- Acoustic panels
- Absorption system
- Fabric or glass
- · Faced external wall
- · Air ventilation system
- LED lighting
- PIR sensor





Technical specifications

Since the introduction of computers, office structures and work habits have never undergone such a radical transformation as the one we are currently experiencing. Thanks to communication technology, offices are becoming public spaces. Many companies create open-plan and inspiring places in which employees and visitors can relax, hold meetings or spend the day working. The daily use of laptops, smartphones and tablets has given rise to new patterns of behavior that are now also observed in offices. Home automation, audiovisual media, network connections and booking rooms are necessary resources for day-to-day work in the office.

Unlock extra workspace potential with cutting edge technology.

Control managment

Description

A smart technology fully integrated. It's a fully integrated business space solutions that streamline workflows and resource management for smarter, more efficient workplaces. We work with the platforms that enables you to perform all your daily activities (calls, presentations, collaboration) in every one of your workspaces and manage them securely online.

Partners

\$LUTRON

@CRESTRON.

SAMSUNG

DIVING

Key funtions

- · Audiovisual hardware
- Mirroring
- Videocalls
- Booking

Personal







Smartphone

Description

Smart building technology and the Internet of Things are changing the way we think about the design and implementation of today's high-performance buildings.

You can design, configure, monitor and adjust all the light in your space to create the right environment, at the right time, on every project.

Our systems are designed to accommodate a wide variety of lighting control requirements with embedded smart technology that delivers actionable data, simplifying building operation and optimizing building performance.

Key funtions

- · Light scenes
- · Climate control
- Monitoring
- · Remote helpdesk operations

Centralized

Monitoring

115







Room utilization

Reporting

Monitor & audiovisuals

Monitor key funtions

- · Slim video monitor
- · Plug & Play system
- · 3 different Sizes
- Samsung monitor

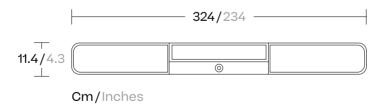
Key Features

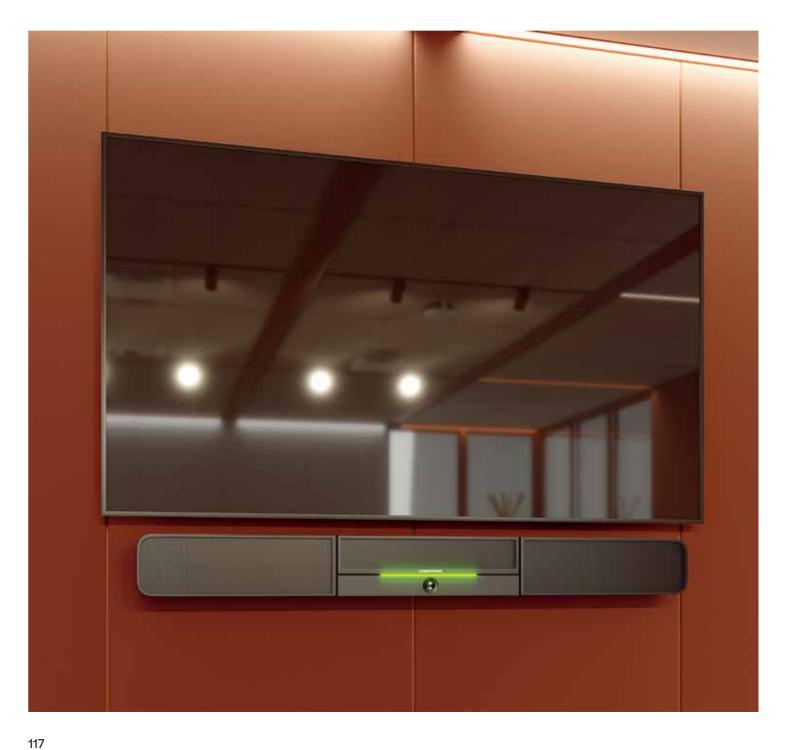
- Secure
- · Can be managed remotely
- Fast connection
- · Data connection between Wireless
- Mirroring

Crestron bar

- · 4K camara with 150° viewing
- · Surrounding audiosystem
- Full set of configurable







Room booking

Safety

Key funtions

- · Booking management through Touch Screen
- · Room reservation linked to your Calendar
- Management through third-party Cloud solution
- · Room booking management from email

Directly connects to:

🙏 Ad Astra



Suite





Choose the aplication



















Key funtions

- · Smoke detection (*)
- · Sprinklers (*)

(*) For technical information see **Product Specifications section**





Smoke detector

Sprinklers





Calendaring





Connection

Air ventilation

Key funtions

- · Silent air circulation system
- Intelligent monitoring through C02, humidity and temperature sensors (optional)
- Equipment has particle filtration and microorganism elimination by germicidal ultraviolet light (optional)
- Climate building system compatibility
- Prefilter M5 (65% efficiency 0,3 micron particules
- Absolute HEPA Filter (99,97% efficiency on 0,3 micron particules. (optional)
- CPZ filter for gas and odor removal (activated Carbon, Potassium Permanganate and Zeolite, efficiency greater than 90%) (optional)

Sensor for C02 & humidity Air extractor

Ocupacy	Units	Qm3 (min/max)
Up to 4 people	1	175/700 m3
Up to 12 people	2	350 - 1400 m3



Room Flow air conditioning

Description

The electrical system within the Pavilion O is designed to be discreet, elegant and practical. Embedded in the structure, it is easily accessible and is thought within the design.



Control center

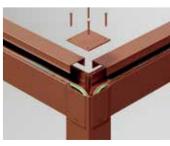


Socket End points

121



Pavilion connection point



Easy access in-wall wiring

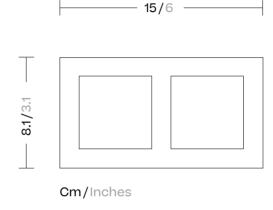
Wall mounted outlets

Table/Column mounted outlets

Key funtions

- · Data Port
- HDMI
- Power Outlet
- USB

- Configurable Shatter-proof
- · Flat design line

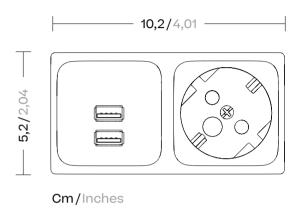


Hardware

- · Simple design
- Power Connections
- · USB

123

· Plug and outlet types (UK, FRA, US, SUI, AUS,...)







Acoustic side panels 44 db

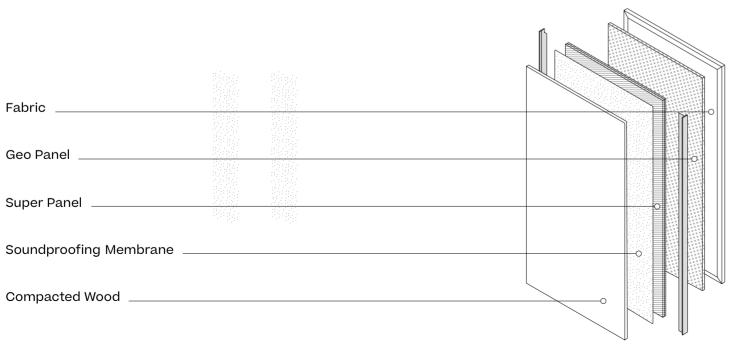
Description

All our panels are tested to ensure they meet the required acoustic levels. We have tested some of the wall combinations to provide guidelines with regard to acoustic levels. Acoustic performance varies depending · Odor free and antimicrobial on the material selection for each wall.

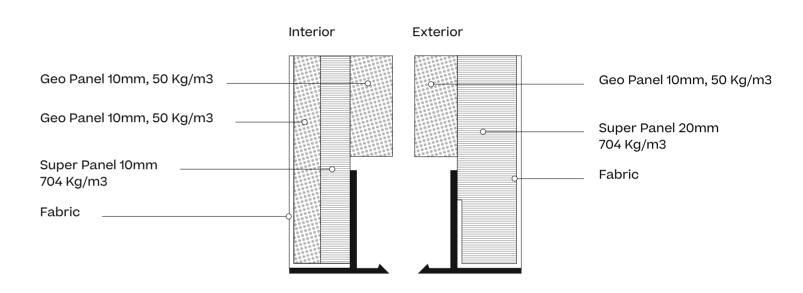
The O glass version offers excellent acoustic performance, creating a comfortable and efficient working environment. It is based on 3+3 and 6+6 laminates with a soundproofing membrane to provide an impressive acoustic performance of up to 44dB. We also offer a range of solid wall options in fabric and wood. Many of these alternative wall options offer excellent acoustic performance properties. Our laminated panels not only provide additional acoustic performance, but also come in a range of colors. As a result, you can customize your Pavilion O to reflect your brand image or simply to create a bright office space. In addition, the eco-friendly panels reduce and control reverberated noise within the Pavilion, further enhancing the overall soundproofing performance.

Key funtions

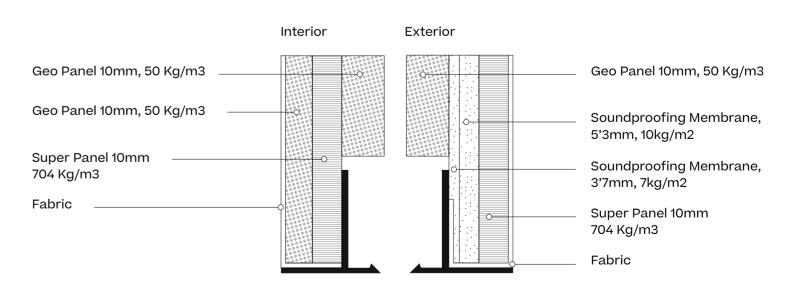
- Fire retardant M1
- · Memory acoustic foam
- Easy clean material



Acoustic Panel Comfort (36 db)

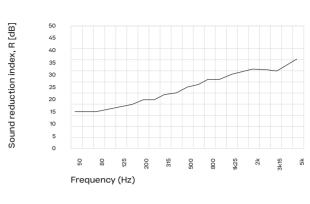


Acoustic Panel Plus (44 db)





32 dBa



Plus Acoustic ceiling

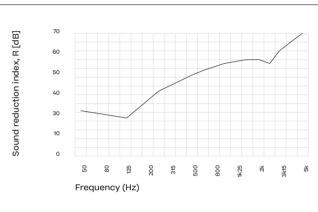
R_W (C;Ctr)=32(-0;4)dB R_A =32dBA

Acoustic Side Panel

Comfort

Plus

36/44 dBa



Plus Acoustic side panel

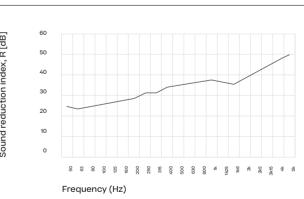
R_W (C;Ctr)=46(-2;9)dB R_A =44dBA

Acoustic Glass & Glass Door

Comfort

Plus

35/40 dBa



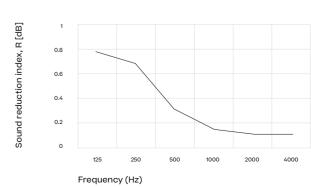
Comfort Acoustic Glass 4+4 mm - inch

Plus Acoustic Glass 6+6 mm - inch

R_W (C;Ctr)=40(-1;-3)dB R_A =40dBA

Average reverberation

0,2 RT



Plus Acoustic Glass

0.2 RT

129

Lighting

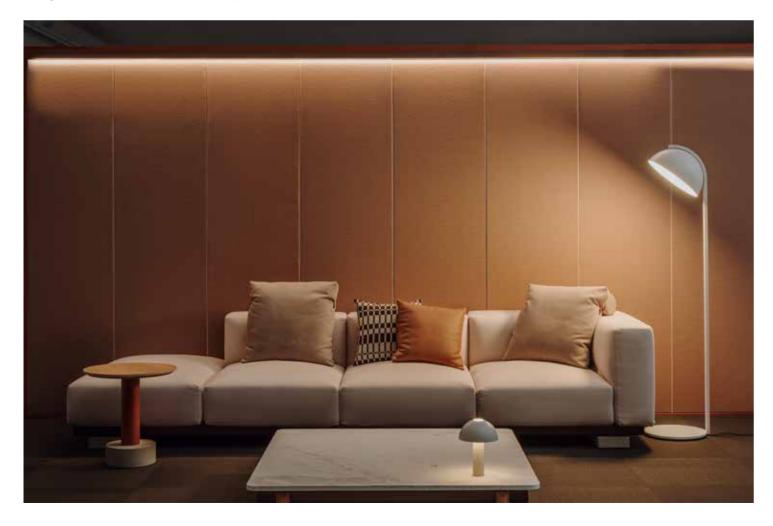
Elegantly integrated lighting that rounds out your workspaces.

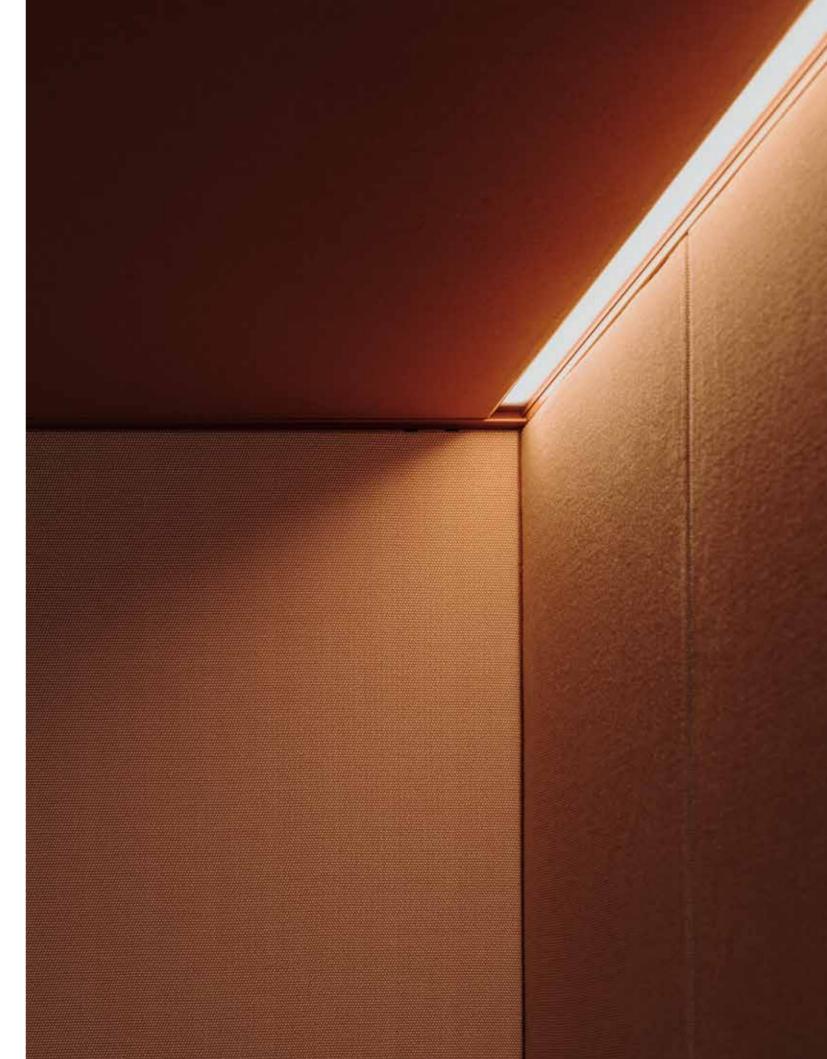
A space cannot be designed without careful consideration of lighting. For this reason, we have created a new language of light, from the ground up, that elegantly integrates into the architecture.

We are not just another lighting company. But we know an adequate amount of light and a clever placement improves mood and energy levels, which is essential to consider in the well running of the workspace. This lighting system is adaptable to all situations: conversation, concentration, relaxation and more. Form, function and performance is driving the fusion of technology and emotion.

LED Track Curtain

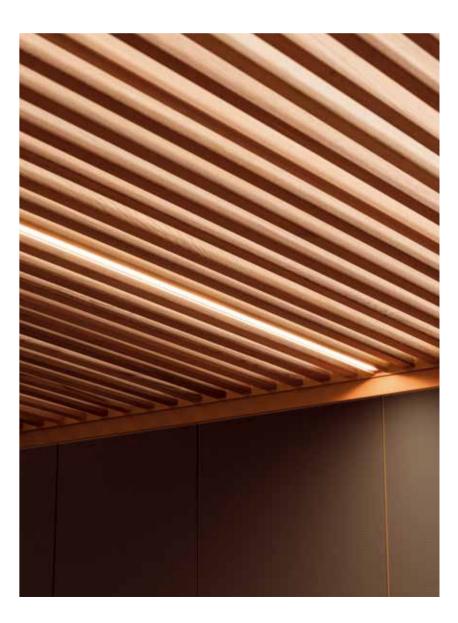
A recessed lighting system equipped with an LED light source. Specially designed for wall-washer lighting, the LED Curtain incorporates lenses to provide optimal light distribution. The LED Curtain range is available in different lengths which means it can be adjusted to suit any space, while its compact size facilitates simple integration within the Pavilion O system.

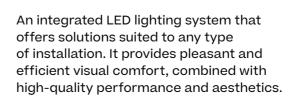






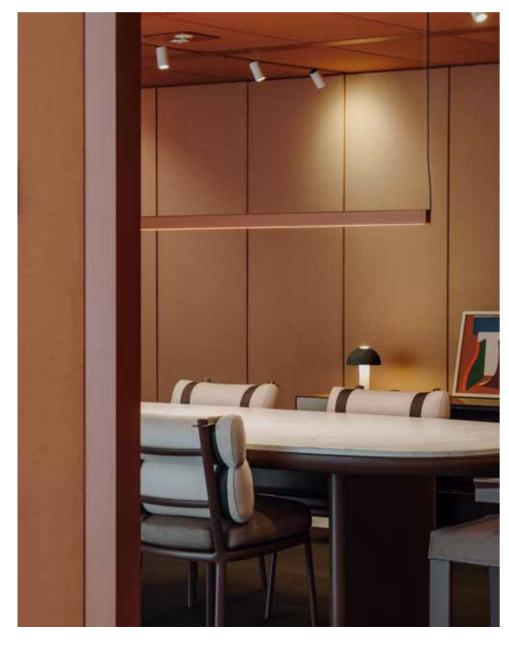
LED Track







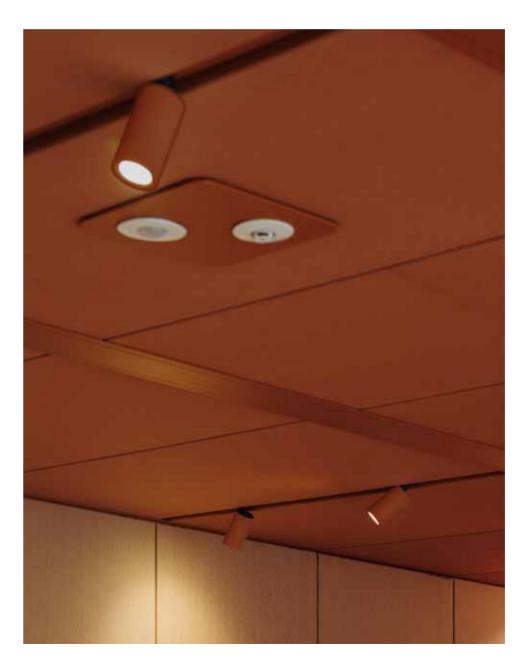
LED Track Suspension







LED Track Articulated

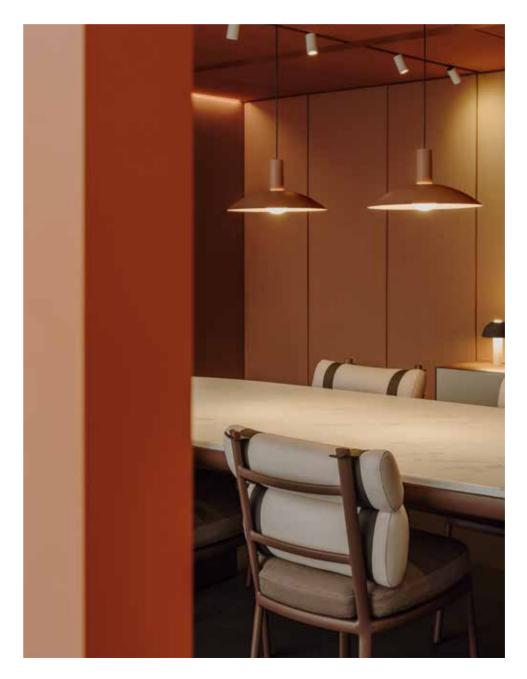




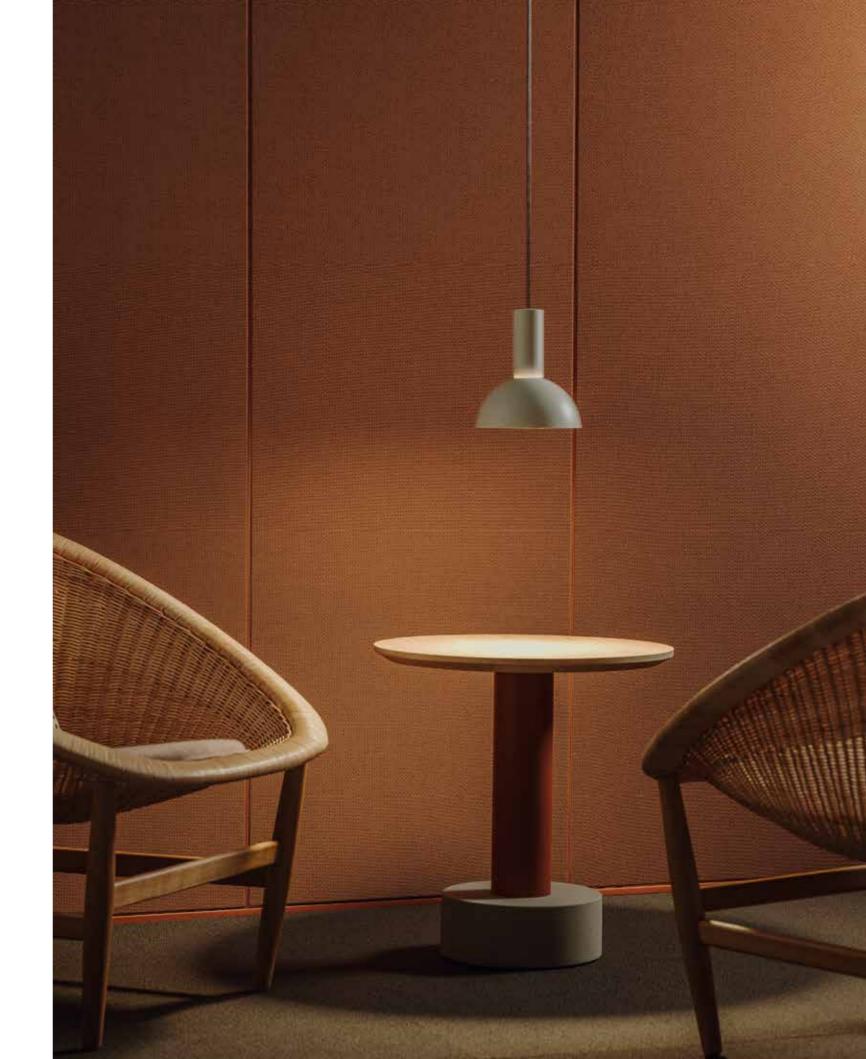


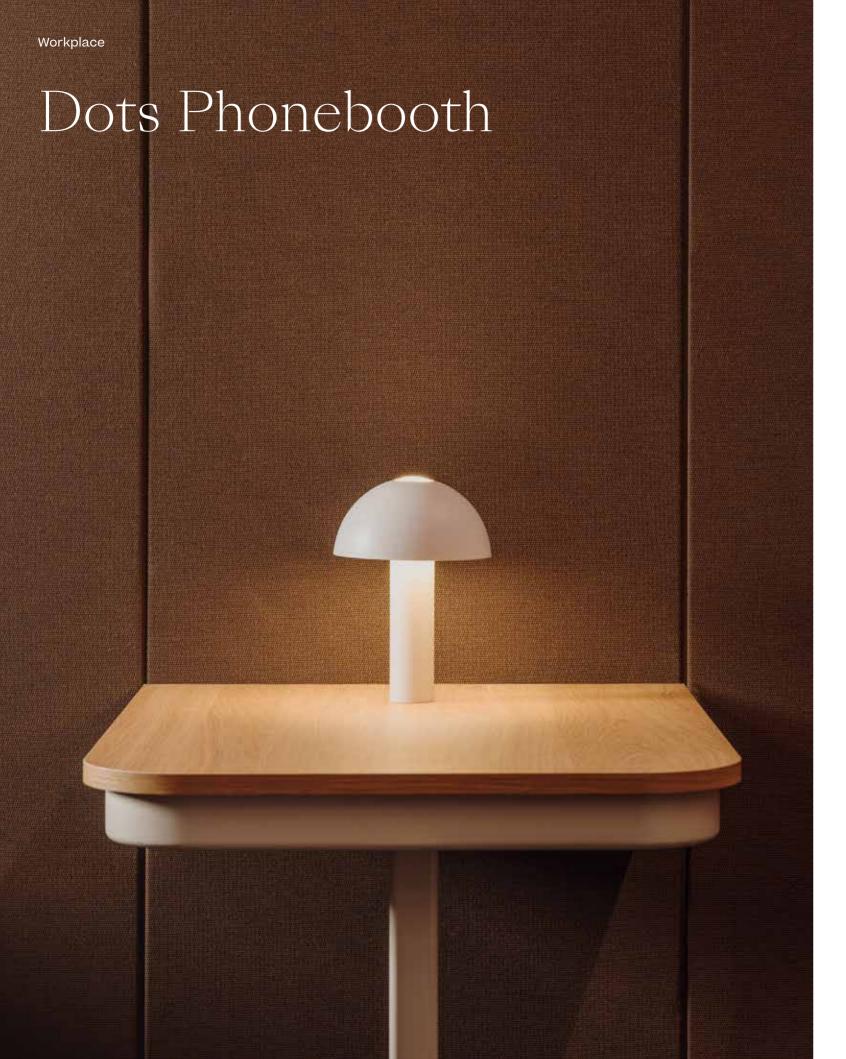
Lighting

This suspended light is based on the Dots spotlight system. With its two open and closed diffusers, it directs most of the light downwards. By directing most of the light downwards, the shade is molded to illuminate spaces while protecting peoples' eyes from any direct glare. The matte white interior of the elliptical shade helps create a uniform light that is ideal for both directed and general ambient lighting needs.









Lighting

The Dots Phonebooth is a professional table lamp with direct light. The base and diffuser are made of colored aluminum. It exceeds common lighting standards for applications in work and study environments.



(only on demand)

Lighting

Tracks system

Dots system

Integrated



LED track curtain Integrated



LED track integrated



LED track slats integrated

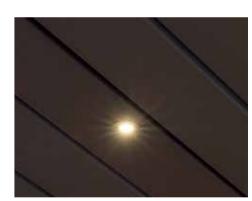
Ceiling



Dots pendant (open/close)



Dots articulated

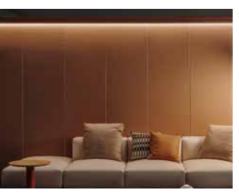


Integrated microdots

Pendant/Wall Curtain



LED track



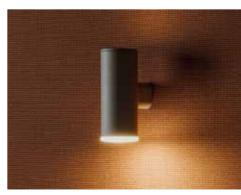
LED track curtain

Integrated



Dots light up

145



Dots light down



Table Dots lamp (Phonebooths only)

Dots Floor

Dots lamps, manufactured in aluminum with LED lights, are available in two versions: a floor lamp with a circular base and planter lamp with a base that can be fastened to the product. The new Dots lamps have been developed for indoor and outdoor use. The height and direction can be adjusted to focus the light where it is needed.







Half Dome





Dots Wall/Column







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Furniture

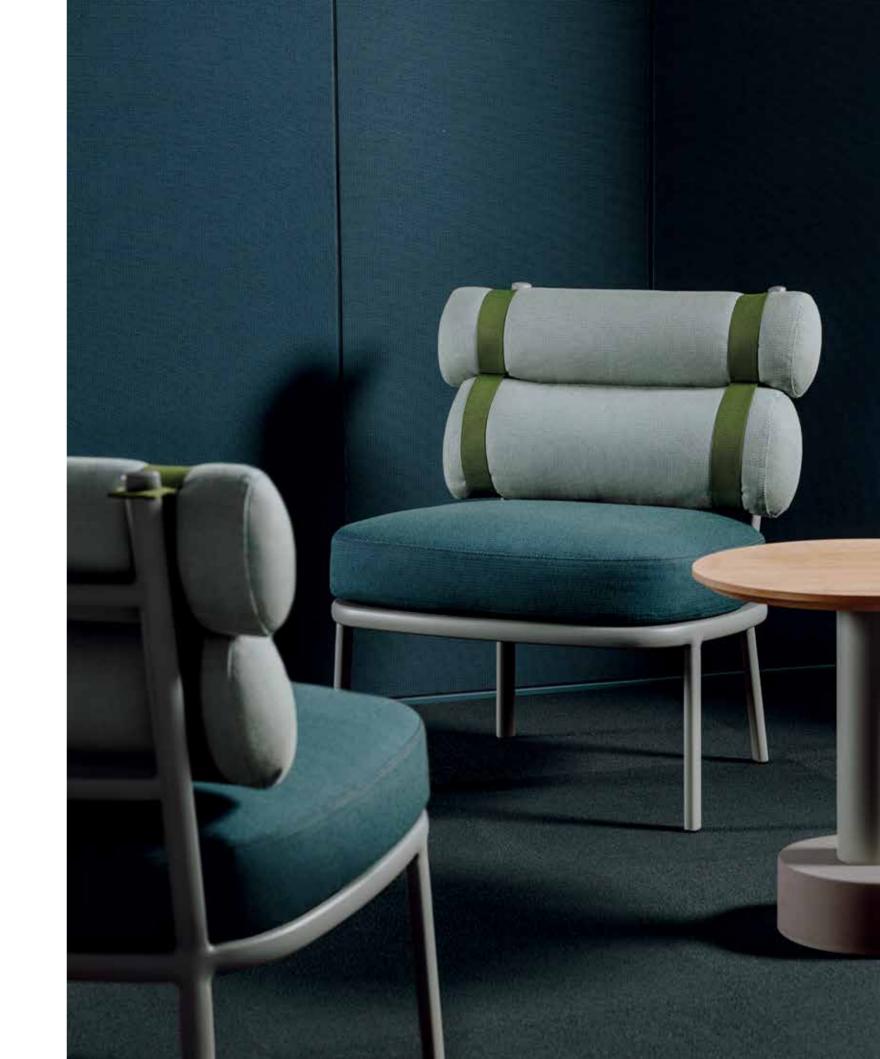
Versatile and timeless furniture designed by the most important names in the international design scene.

We offer a wide range of durable products that allow you to create work environments and public spaces that are suitable for a wide variety of uses, both for individuals and for teams. These products also allow you to create areas where people can work in silence and with complete concentration. The furniture collection, which is suitable for both indoors and outdoors, is lively and expressive. They feature modern classic designs, with an informal and stimulating language, enriched by contemporary colors and materials.

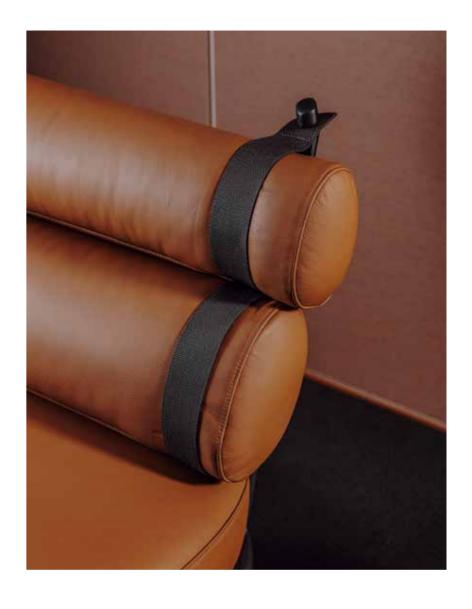
Roll, by Patricia Urquiola



This ironical intervention on the conventional upholstery converts a regular backrest into two independent 'wraps' connected by colorful straps. A graphical aluminum structure frames the protagonist of this chair, the cushions.









Band, by Patricia Urquiola



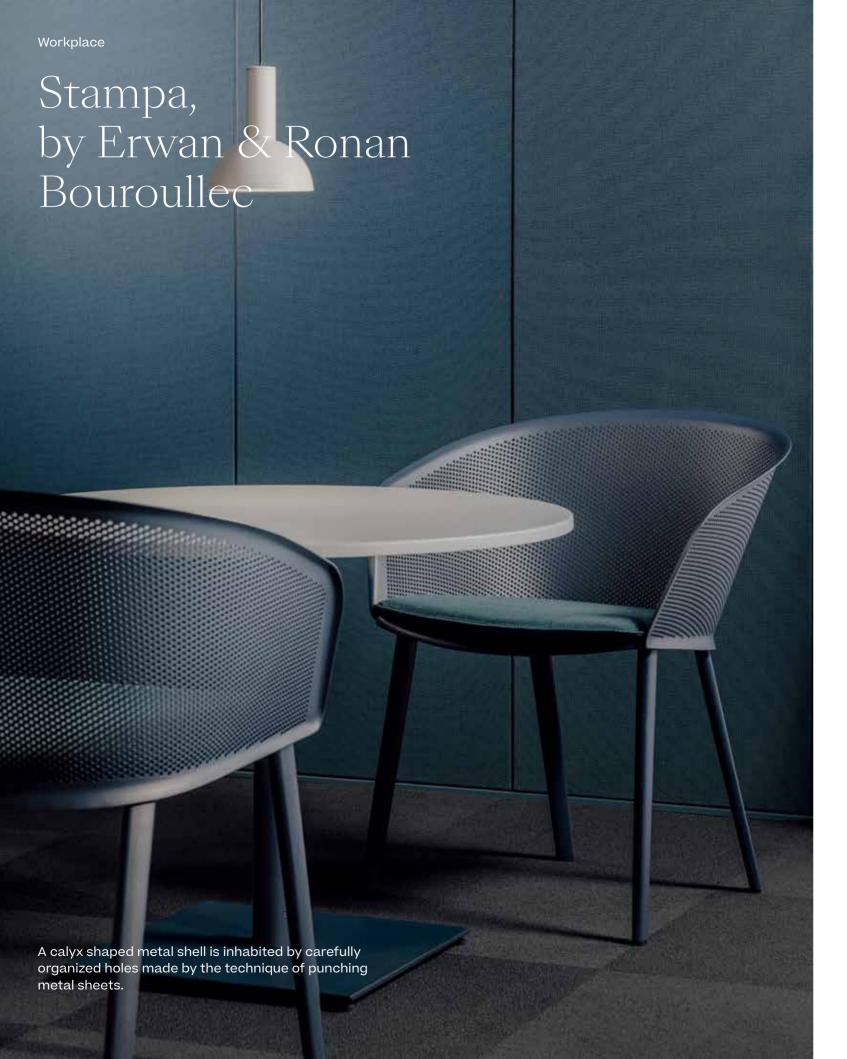
The idea behind the Band collection is the breakdown of structure. An object designed using an ensemble of pieces. The chair's design intentionally challenges the classic sophisticated lines of furniture design and becomes something schematic, a conceptual program.

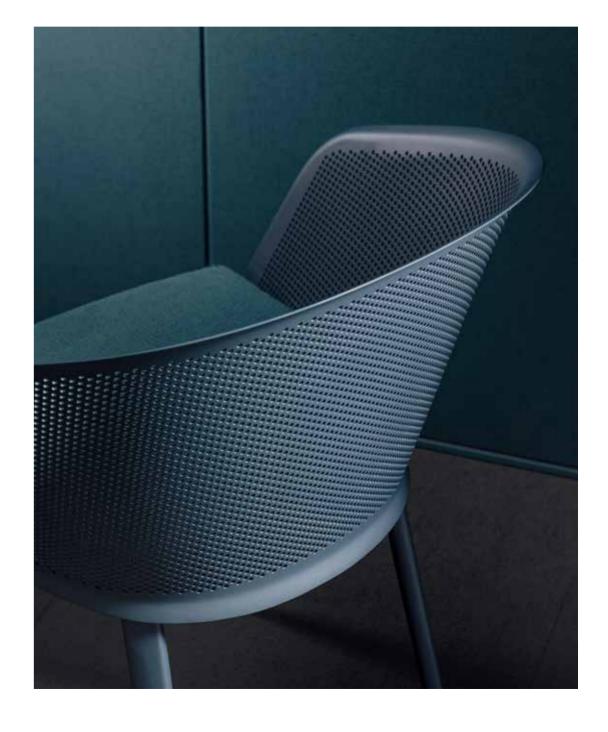
A structure made up of repetitive angular shapes that give center stage to its raw materials and can be formed entirely of aluminum, teak wood or Terrain Fabrics.



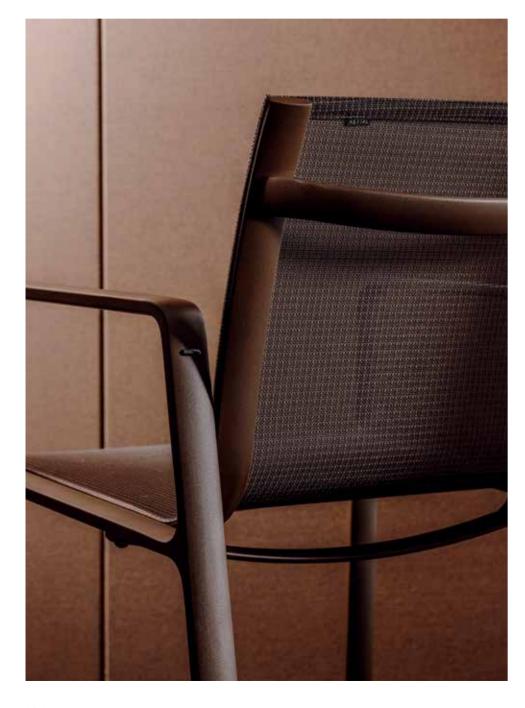




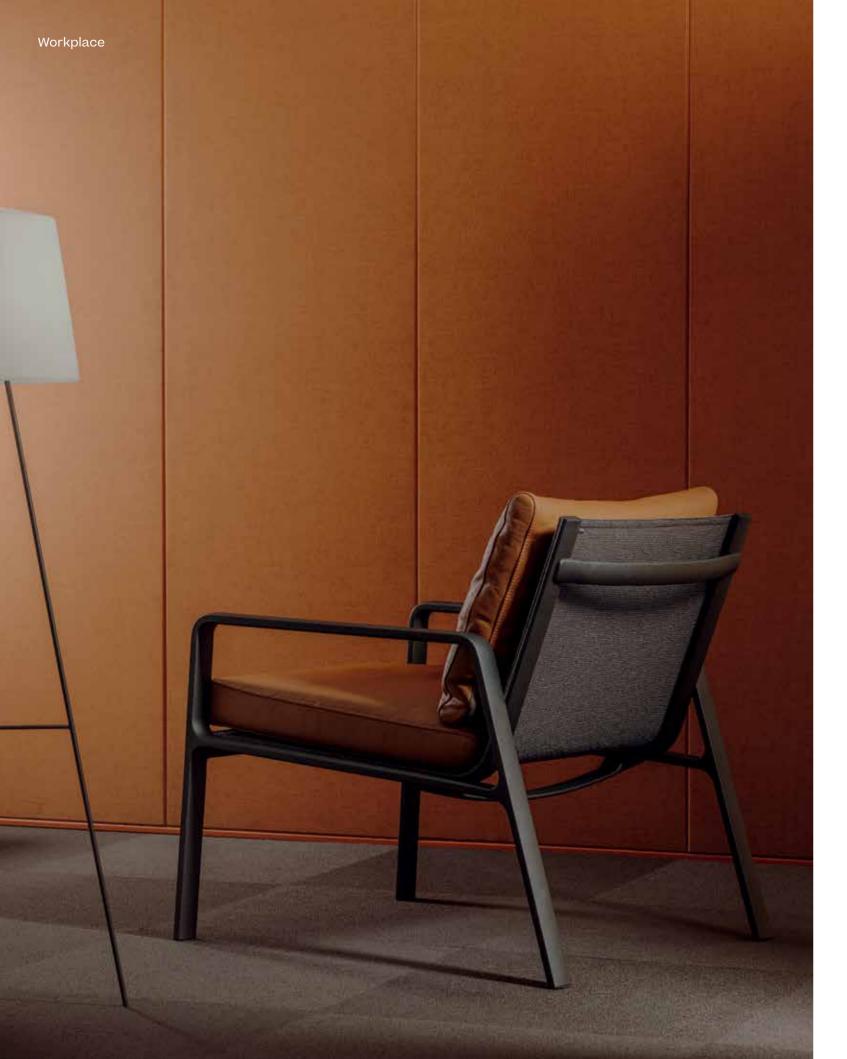




Park Life, by Jasper Morrison











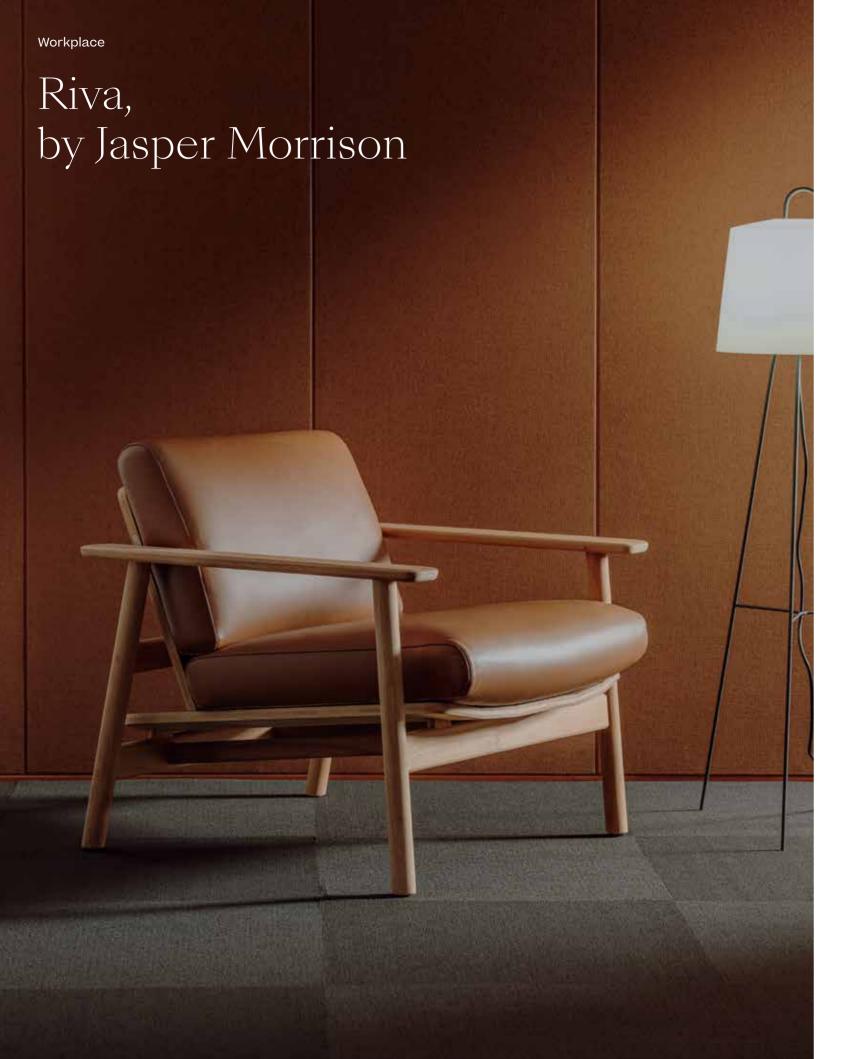


Basket, by Nanna & Jørgen Ditzel

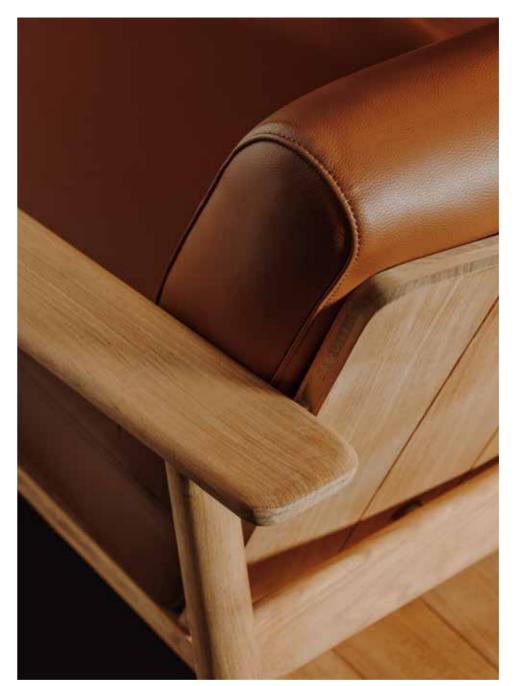


Kettal edits the Basket chair, created in the 1950s by Danish designers Nanna and Jørgen Ditzel. The Basket chair comes in its original Ditzel oak version which is hand-braided in wicker as well as an outdoor version made from artificial fiber and teak.

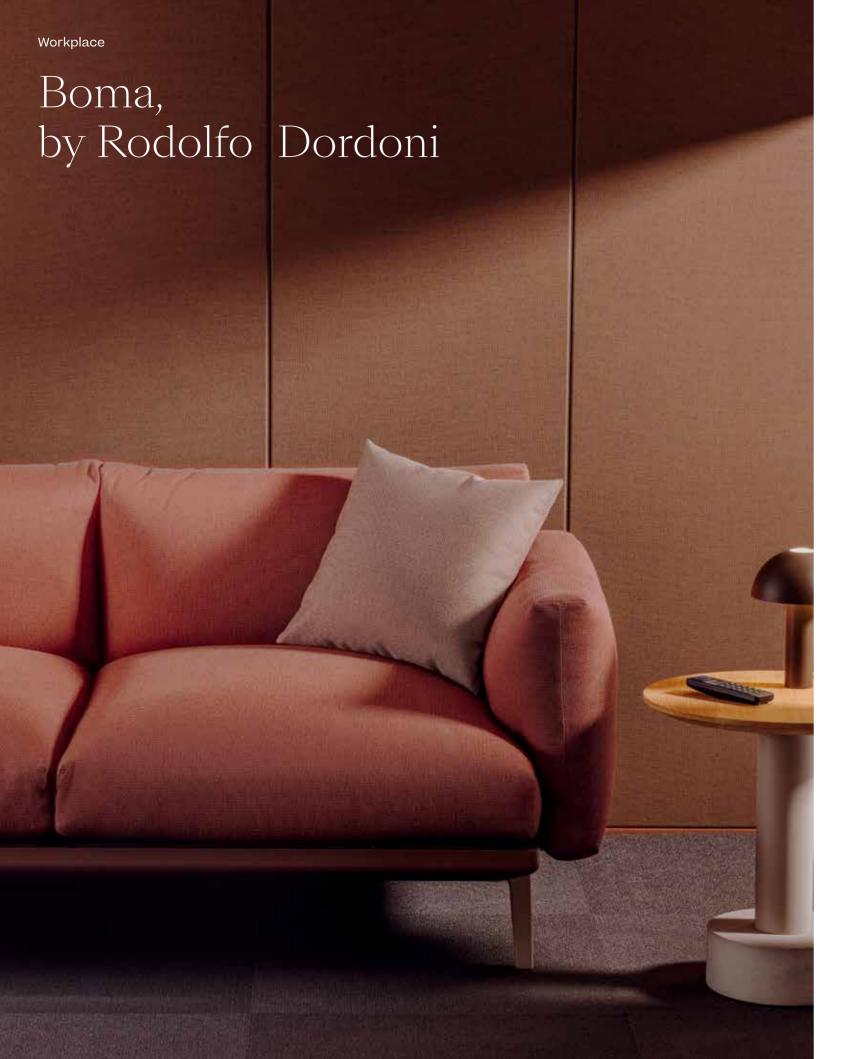




Furniture



The Riva collection of outdoor furniture is above all about achieving a certain atmosphere for the better enjoyment of outdoor space. The plank construction of seat and back follows a long and varied tradition of outdoor chairs made in similar way and which, in this case, provides a high level of comfort and good looks!



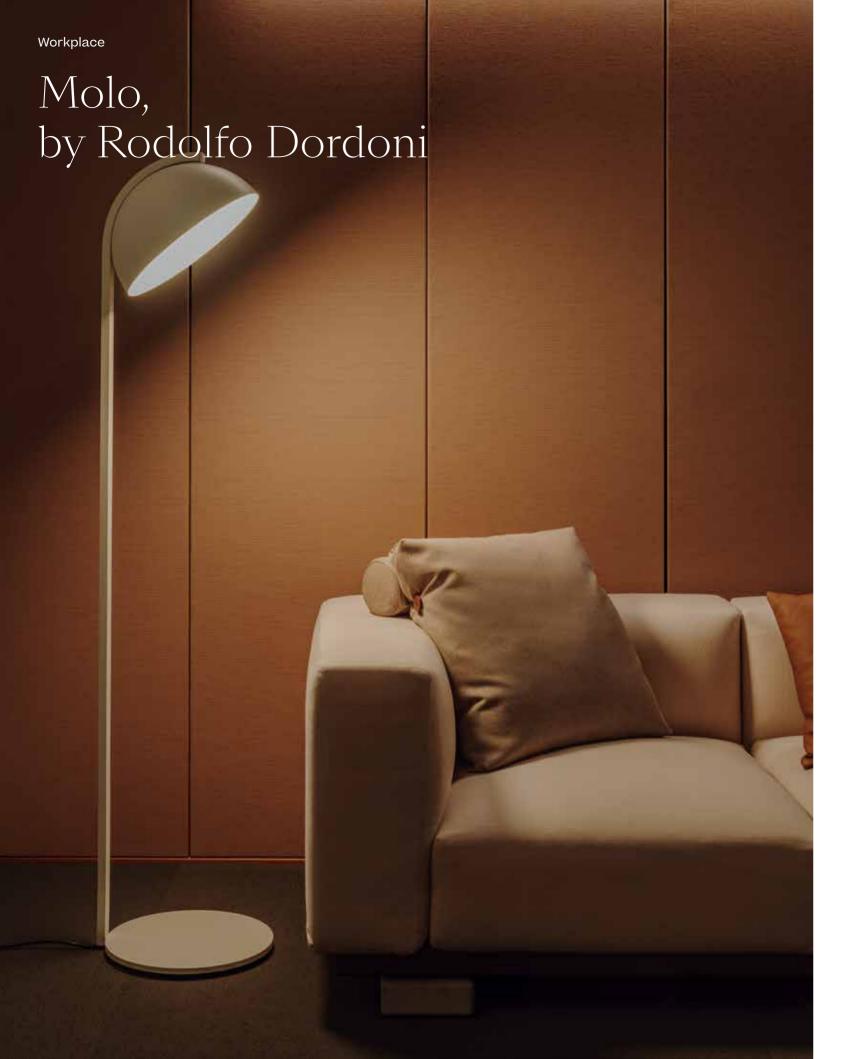
Furniture

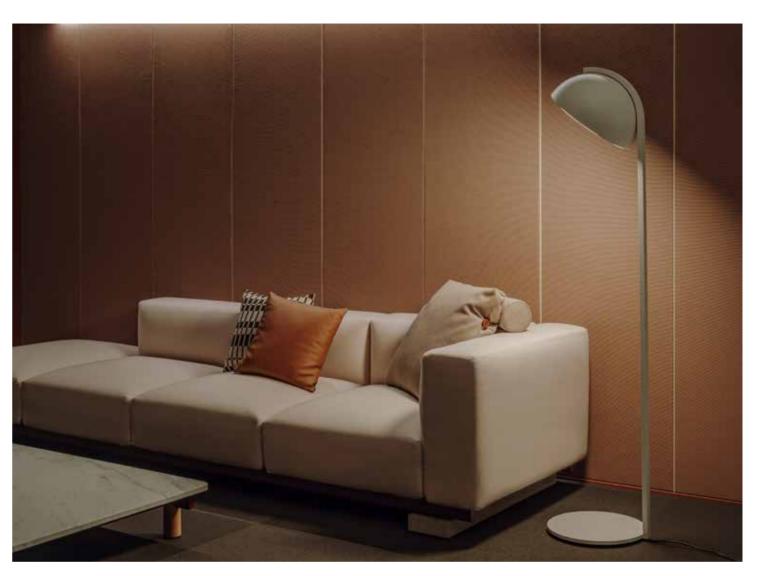
The Boma collection, designed

by Rodolfo Dordoni for Kettal, was born from the need of high performances of outdoor environments without sacrificing the increasing demand for comfort that new products have to face.

Therefore, the structure is organized around a frame entirely made of aluminum, capable of hiding in the essentiality of its lines both the quality of the materials used and the possibility of easy articulation in different compositions.



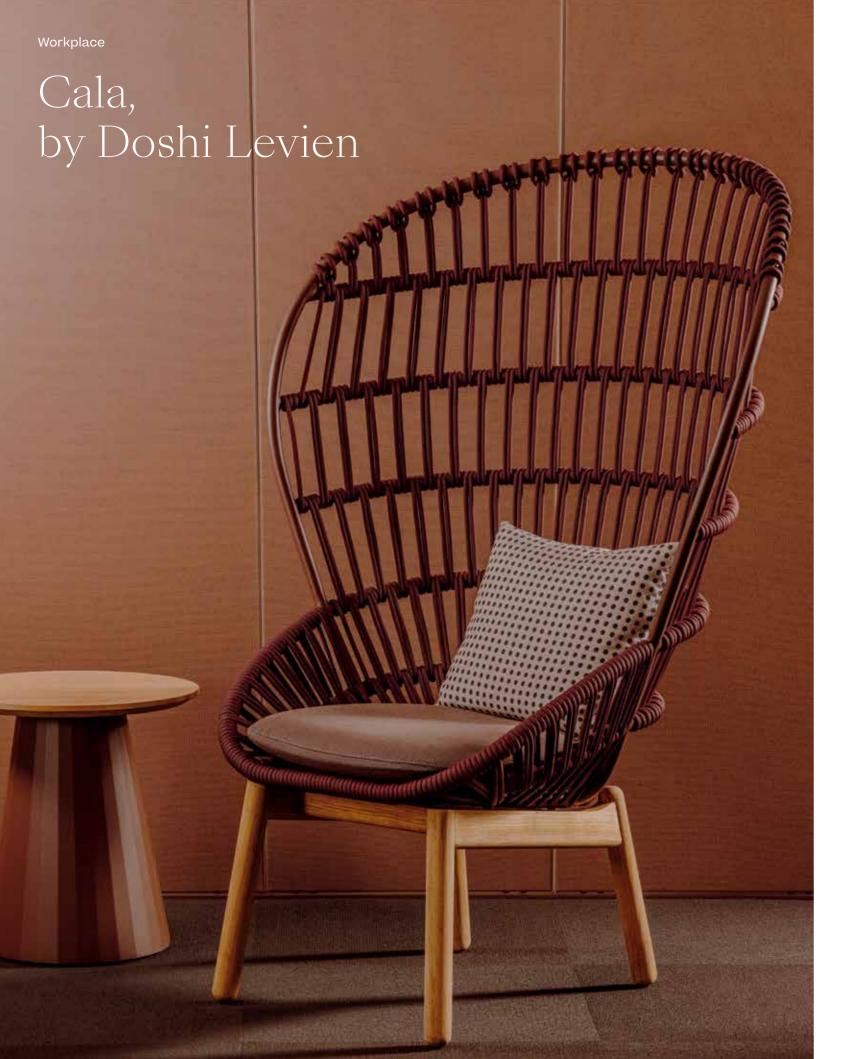




This is an example of a modular sofa in its purest form. Its orthogonal geometry is based on rectangular modular design which means it can be easily adapted to suit any situation and optimize the space in which it sits. Each module can be taken apart and reorganized to create new uses and configurations. The design is aesthetically minimalistic with intentionally oversized pieces.

On the other hand, the decorative elements have conscientiously not been emphasized in order to give center stage to the various combinations of fabric, colors and carefully selected details. "Molo, or pier in English, jetée in French and embarcadero in Spanish, is a structure built on the shores of an ocean,sea, lake or river which extends from the land over the water; a mooring place for boats, a rest between trips and a refuge from the swell of the waves. A return to terra firma and people. Molo offers a place of relaxation and reconnection."

Rodolfo Dordoni





Cala is a high-backed armchair inspired by the iconic Emanuelle.

This chair has a majestic spatial presence with transparent and light surfaces. The open weave of the rope provides a latticed window for visual privacy while maintaining a connection to the natural elements. Cala may be used for outdoor dining as well as a chair to lounge in. The wide selection of metal coatings, rope colors and cushion fabrics offer many possibilities to tailor the identity of the chair to suit different projects.

Village, by Jasper Morrison

A collection for all outdoor situations, from village house to grand café. The lightweight aluminum structure allows easy handling while the neutral language of its form takes nothing away from the scenery. This chair pays respect to the long standing codes of metal stacking outdoor chairs while gently refreshing the look.







Furniture

The Kettal Net collection conserves a classic structure with its elegant and smooth lines that give a calming and attractive appearance. Woven cords and aluminum tubing come together to provide a light, handcrafted look.



Sofa O, by Kettal Studio

The "O" series of Sofas combines maximum comfort, minimum details and optimal flexibility in a timeless design. Its simple and smooth shapes can be incorporated into any context. The range of functional modular units allows full customization with corner modules or additional seats to suit any space or purpose, while upholstery options with Kettal's selection of fabrics allow the sofa to find its own personality.



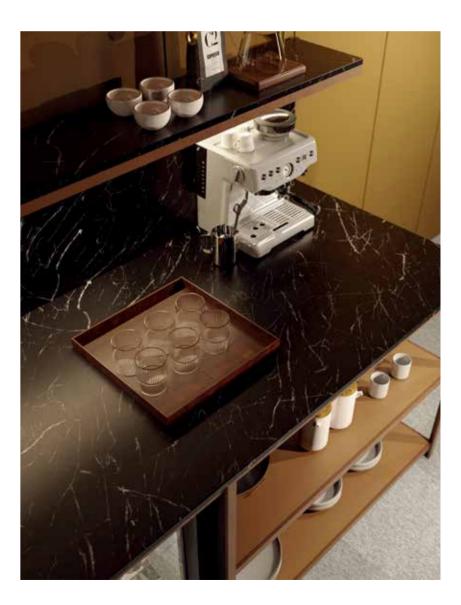




Furniture

This kitchen is a modular structure that offers endless solutions, while maintaining its authentic, bold and linear design. Its configuration is flexible and can be made of a single color, material, or instead, a combination of many to personalize to taste.

The light panels which make the structure vary in material and color: From industrial glass, stoneware, marble or wood, to finishes in lacquered aluminum or textured concrete. The countertops are made of mat ceramic, resembling marble. Finally, its frame structure can be equipped with shelves and LED lighting bars.





Furniture



The sideboard idea is to create a single autonomous monoblock which can contain all the the necessary elements for your workplace. It can house anything from a refrigerator to office supplies and objects. When its doors close, the sideboard goes back to its perfect block shape.

It is made with extruded aluminum profiles, with Honeycomb side walls, and gray powder coated metal sheet. The sliding doors can be made of teak, wood or oak, and powder coated metal sheets.

The sideboard places special emphasis on the materials and colors of the sliding doors, underlining its elegant proportions and giving a cheerful and carefree touch.

Materials

The materials in the new collection of the Pavilion O system are represented by fabrics, metals, woods, stones and ceramics. All of these worlds form the basis of the library. The intention is to inspire and invite the professional to explore and combine colors, textures and materials to create new exclusive codes for each project and each use.

Recyclable and exclusive materials, to explore an infinite number of combinations.

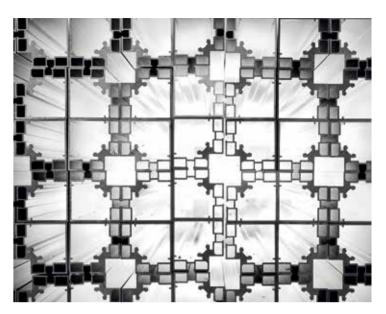
Material technical specifications

Material	Certifications	Proximity	Application
Structural Aluminium	EPD	< 100Km	Structure+Panels
Super Panel	FSC PEFC Formadely Free C2C TYPE 2 EPD	< 100Km	Panels
Terrain Coatings	REACH, Qualicoat	< 150Km	Structure+Panels
Sound Proofing Membrane	REACH	< 400Km	Fabric Wall Panel + Ceiling Panels
Geo Panel	ROHS	< 400Km	Fabric Wall Panel + Ceiling Panels
Soundproof Safety Glass	C2C BRASS	< 100Km	Wall Panel + Door
Terrian Fabrics	Greenguard	< 100Km	Fabric Wall Panel
Electrical components	ISO 9001	Europe	
All around	ISO 14001 REACH EMAS	Europe	

Aluminium

The Aluminium 6063 T5 has extruded and hollow profiles of alloy that will be used to build up the structures of each booth.

This is a light and ductile alloy, with great strength and magnificent finishing characteristics. It is ideal for works that require high quality and perfect finishes. It has excellent corrosion resistance, similar to that of stainless steel. Follows the UN-EN-AW 10204 3-1 regulation. Kettal uses 80% recycled aluminum in the extrusion of its profiles in order to reduce greenhouse gases, thus contributing to a more sustainable production of our customers' products.



Chemical composition (UN-EN 10204 3-1 Regulation)

%	Min.	Max.
Si	0.30	0.60
Fe	0.10	0.30
Cu	-	0.10
Mn	-	0.10
Mg	0.35	0.60
Cr	-	0.05
Zn	-	0.15
Ti	-	0.10

Certificates & features



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80% recycle



Local supplier

Material

Soundproof Safety Glass

Our laminated safety glass is made of two or more glass panes joined by one or more coats of polyvinyl butyral (PVB). In the event laminate glass breaks, the PVB coating holds the majority of the glass fragments, meaning the residual strength and hold of the glazing keeps them in place until replaced.

This type of glass filters 99% of UV rays and helps extend the service life of curtains, rugs, fabrics, objects, etc. that are exposed to natural light on a daily basis. It offers protection when there is a need for safety and complies with the requirements of current norms and regulations for homes, shops, or offices.

6mm / 1 PVB CLEAR /6mm (plus) 4mm / 1 PVB CLEAR /4mm (comfort)



Special characteristics	AVCP systems	Performance
Resistance to fire	1	NPD
Reaction to fire	3.4	NPD
Performance benefits against external fire	3.4	NPD
Resistance to swinging objects	3	2B2
U value	3	NPD
Light transmission	3	0.89
Light reflection	3	0.08/0.08
Transmission of solar energy	3	0.78
Reflection of solar energy	3	0.07/0.07
Durability	3	PASS

Certificates & features



the fragments stay stuck to the laminate



Type of break

Terrain Coating

Electrostatic powder coating process applied.
This paint mixes a specific resin that offers greater hardness compared to the paints used in architecture.
Terrain Paints are designed to coat aluminium profiles used in architecture and for other substrates where the maximum resistance to the outdoors is needed.

This is a powder coating formulated with polyester resins and free of TGIC, pigments, and additives. These provide excellent exterior durability with very good gloss retention and colour stability.



Characteristics	Min.	Max.	Method
Baking time / temperature	24 to 150 °C / 75,2 to 302 °F	26 to 150 °C / 78,8 to 302 °F	Total time
Gloss at 60° angle	6	9	ISO 2813
Direct impact 12.5 mm	30		ISO 2813
Indirect impact 12.5 mm	30		ISO 2813
Cross-cut adhesion	0	0	ISO 2813
Erichsen Cupping test	5	11	ISO 2813
Bend test (Cylindrical Mandrel)		6	ISO 2813
Avg. Particle size	50	55	MALVERN
General appearance	Textured		NIZI-001

Certificates & features



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Polymerization at 160°

zation Local supplier

Relate Fabrics

Relate is a sophisticated twill weave upholstery textile designed by Patricia Urquiola made from Trevira CS, which has a soft hand resembling natural fibres.

The versatile palette for Relate comprises 35 colourways and expresses confident colour combinations by combining warm notes with closely related nuances.

Relate is suitable for contract and private use.



Composition	100% Trevira
Width	Approx. 140 cm
Weight per m²	Approx. 328/m²
Fire test	AS/NZS 3837 class 2, BS 5852 Crib 5, BS 5852 part 1 with treatment, DIN 4102 B1, EN 1021-1/2, IMO FTP Code 2010 Part 8, NF D 60 013, NF P 92 503 M1, NFPA 701, SN 198 898 5.2, UNI 9177 Classe 1, US 1 Cal. Bull. 117-2013, ÖNORM B1/Q1
Lightfastness	5-7 (ISO 1-8)
Shrinking	App 2%
Abrasion Martindale	80.000 Martindale
Wash load	Half
Pilling	4-5 (ISO 1-5)
Colour	Slight differences may occur
Produced in environment	Greenguard Certification www.greenguard.org

Terrain Elements

This is a range of premium fabrics for indoor and outdoor furniture. The hydrophobic technology applied works by impeding the liquids that permeate the fabric, forcing them to roll out of the fabric in the form of drops. The fabric protection that brings out the liquids allows for drops of water and oil to be eliminated during normal washing without leaving any traces. Solution dyed acrylic; is dyed before thread is created. A liquid acrylic solution is mixed with dye and then formed into a fiber and spun on thread.



Composition	100% modacrylic, dyed	
Width	160 cm	
Weight per m²	370 g/m2	ISO 2286-2
Resistant to superficial wetting	100	ISO 24920
Colour fastness to artificial weathering	7-8 blue scale (8)	ISO 105-B04
Colour fastness to light	7-8 blue scale (8)	ISO 105-B02
Abrasion resistance (Martindale)	50,000 cycles	ISO 12947-2
Abrasion resistance (Wyzenbeek)	15,000 double rubs	ASTM D4157
Cigarette ignition classification	Class 1	NFPA 260
Material resistance to ignition without flame	Pass	IMO FTP Code 2010 · BS 5852 Crib 5 · NF D 60 013 • NFPA 701

Certificates & features



Type 2
From cradle
to gate with
options



1

Ironing reactivates the finish

Soundproofing Membrane

Our soundproofing Membrane is high-density, polymer-based, and asphalt-free synthetic, to obtain optimum acoustic performance. The effect of this soundproofing membrane is to deaden structure born vibrations by adding mass to your existing surface.



Characteristics	Testing Method	Sound Proofing Membranesy	Units
Density	-	2.010	Kg/m3
Tensile strength	NT-67	>30	N/50mm
Elongation	NT-67	>500	%
Fold	EN 1109	-20	°C
Fire Classification	UNE-EN 13501-1	Bs2d0	-
Resistance factor to water steam	UNE-EN 1931 met B	µ>1806	-
Water absorption (24h at 23°C)	1S062 met 1 NT74	0,003	%
Shore A hardness	NT74		

Certificates & features

Regulation or protocol: French VOC Regulation/French CMR components/AgBB/ABG/Belgian Regulation/Indoor Air Comfort®/Indoor Air Comfort GOLD®/Blue Angel (RAL UZ 132)/BREEAM International/LEED v4 (outside U.S.)

No substances including in the list of prohibited substances in cradle to cradle certified products program are used in the manufacturing of the product range sound proofing membrane so those substances are not expected to be on the final product.

Compact Wood

Compact Wood is a compacted wood particle board. These wood particles come from the remains of FSC certified forests.



Properties	Test method	Units	Thicknesses r	mm			
Density (*)	EN 323	kg/m3	740	710	695	675	660
Internal bond	EN 319	N/mm2	0.40	0.35	0.30	0.25	0.20
Bending strength	EN 310	N/mm2	11.0	11.0	10.5	9.5	8.5
Thickness swelling 2 h	EN 317	%	6	6	6	6	6
Formaldehyde emission class e1	EN ISO 12460-3	mg/(m2.h)	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5
Reaction to fire	EN 13501-1	Euroclass	B-s1,d0 (!)	B-s1,d0 (!)	B-s1,d0 (!)	B-s1,d0 (!)	B-s1,d0 (!)
Sound absorption coefficient (a) (250 a 500 hz)	EN 13984:2004+A1:2015	α	0.10	0.10	0.10	0.10	0.10
Sound absorption coefficient (a) (1000 a 2000 hz)	EN 13984:2004+A1:2015	α	0.25	0.25	0.25	0.25	0.25
Thermal conductivity	EN 13984:2004+A1:2015	W/ (m·K)	0.15	0.14	0.14	0.14	0.13
Biological durability use	EN 335	Class of use	1	1	1	1	1
Content of pentachlorophenol (pcp)	EN 13986:2004+A1:2015	ppm	< 5	< 5	< 5	< 5	< 5

Certificates & features

The material is fire retardant, its treatment with resins provides a low degree of flammability, for which it is classified as M1 according to the UNE23727 standard and as B-S1 according to the UNE N13501-1 standard

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Geo panel

The Geo Panel is an ecological product. It is Biosustainable: 80% made of recycled material, and 100% recyclable. It is safe in its installation: It does not cause discomfort or itching as it is based on natural fibers. The Geo Panel is an elastic product. It does not break when folding. Its modulus of elasticity compared to rock wool is 7 times better.



Frequency	Rockwool 4cm	Cotton 3 cm
100	40.7	43,8
200	43,8	42
250	46,8	33,2
400	47,2	46,8
500	47,8	53,3
1000	54,4	54
1250	55,6	56,8
1600	56,6	57,5
2000	59,3	60,1
2500	61	61,2
3150	64,3	66
4000	66,1	68
GLOBAL	53 dBA	54.6 dBA

Certificates & features

It does not promote combustion. Fire classification: M1 Certified 09/32300075 and 76 + according to UNE 23721-90, EN 13501-1.



Super Panel

The technical wood is one of the main components to create the acoustic lateral panel and ceiling. It has a 10mm fire-fighter, and complies with E1 regulation.



Characteristics	Test	Units
Density	EN 323	kg/m3
Flexural strength	EN 310	N/mm2
Formaldehyde emission	EN 717-1	ppm
Reaction to fire	EN 13501-1	Euroclase
Absorption acoustic coefficient	UNE EN 13986: 2006+A1:2015	α
Acoustic insulation	UNE EN 13986: 2006+A1:2015	db
Biological durability	UNE EN 335	Clase de uso

Certificates & features

The environmental product declaration is in accordance with ISO 14025 and EN 15804. It comply with standards EN 622- 1, EN 622-5 and EN 14322. They are considered reliable products use as raw material for the construction and furniture industry.

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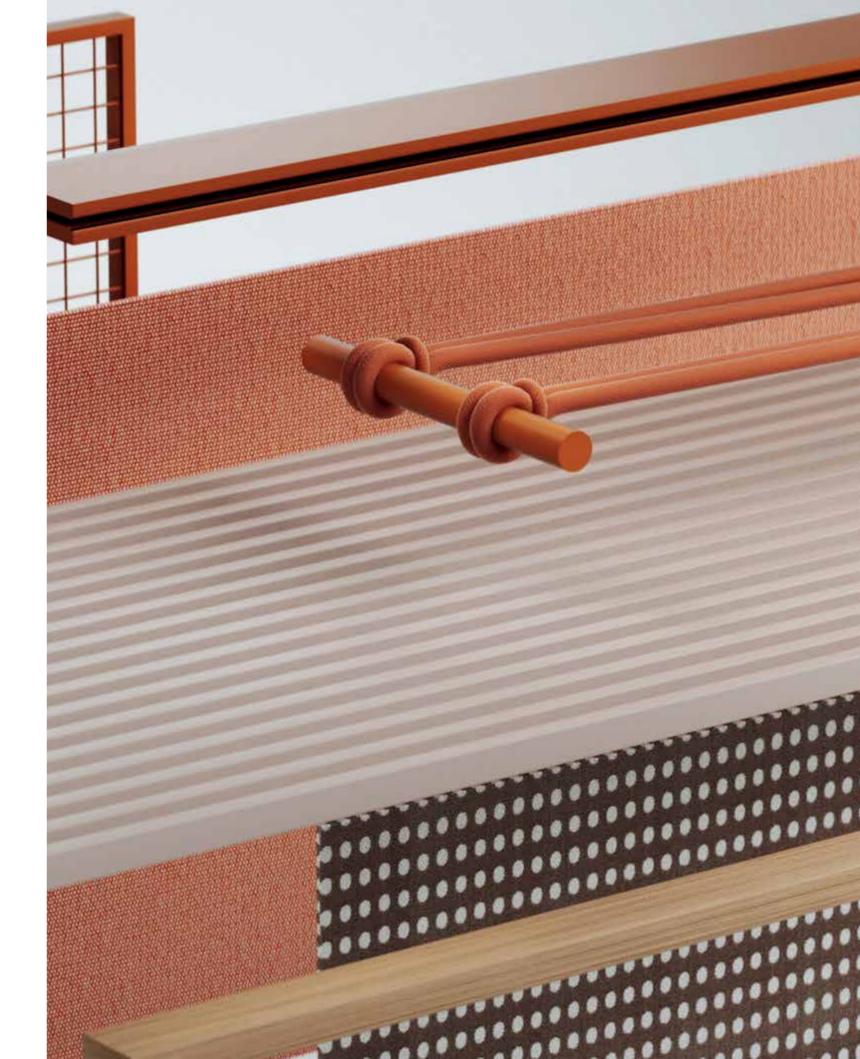
with options

Type 2 / From Formaldehyde cradle to gate free



Local supplier

Material finishes



Terrain Elements



L: Laminate T: No Laminate

Relate Fabrics



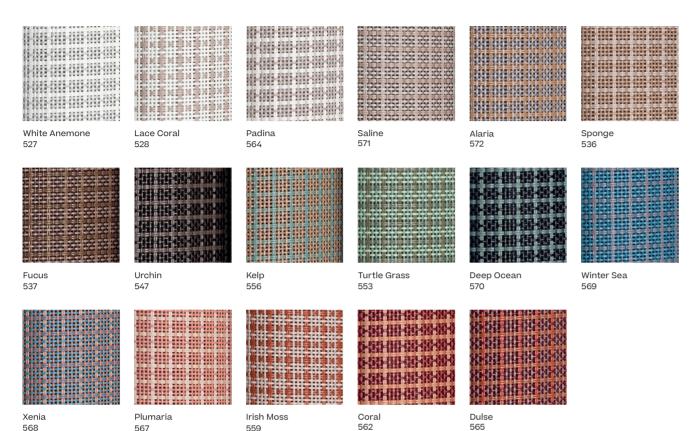
Material

Parallels

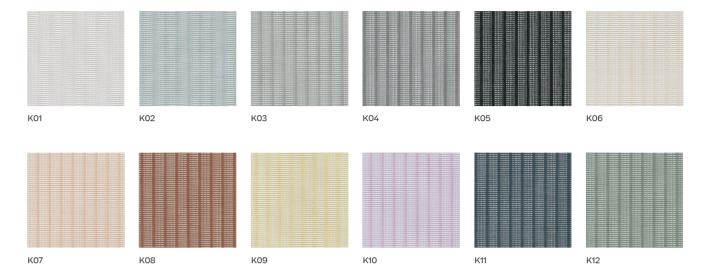
568

567

559



Maya (curtains)



Geometric Fabrics





Terrain Paint



Ceramics



Glaze paints





Compact Wood









Soft White MLO

Waxed Oak ML1

American Wallnut ML2

Soft Black ML3

Leather

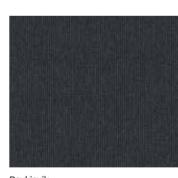






Floor







Nordkapp CP1

Reykjavik CP2

Bergen CP3

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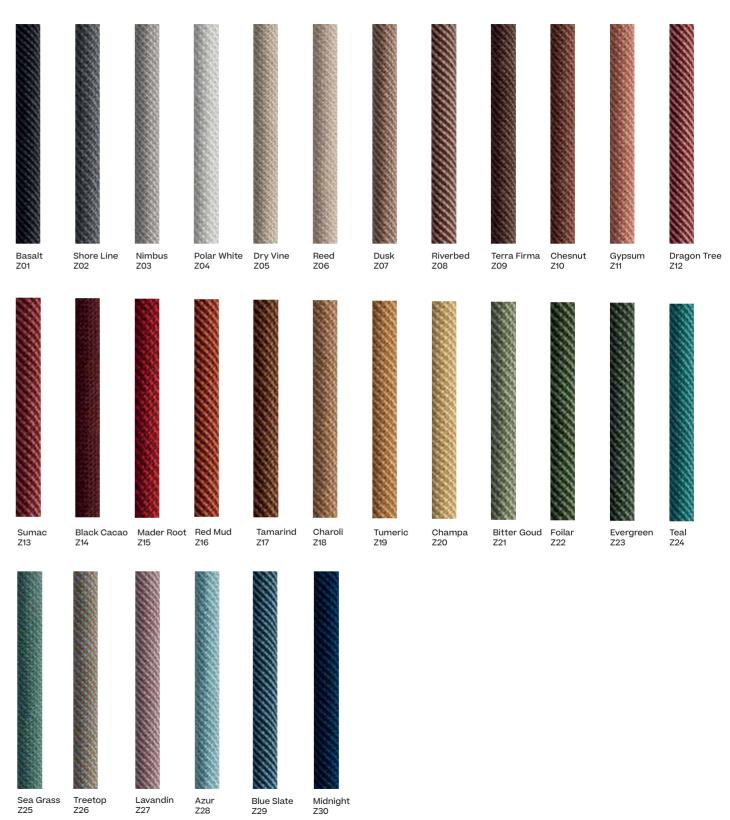
Plain Bela rope

Blue Slate Z29

Azur Z28 Midnight Z30



Round Bela rope



Ecological awareness. To buy responsibly means to keep for a longer time.

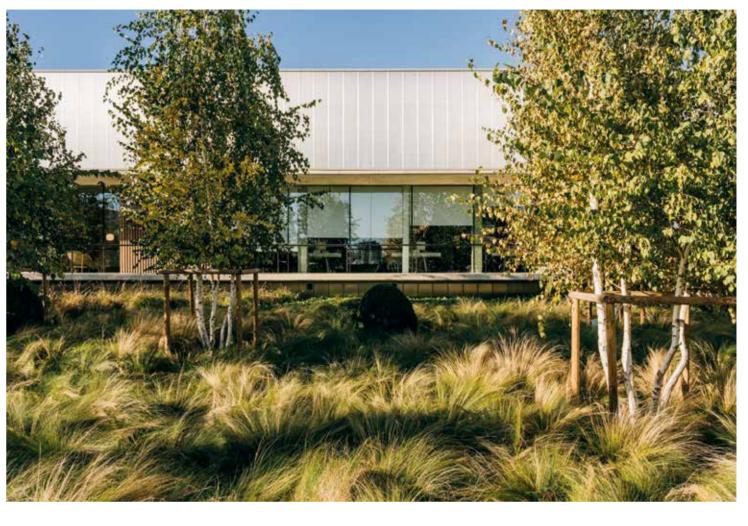
For us at Kettal, ecology is not marketing. It's a very serious matter. We have analyzed the variants of product life cycle to minimize environmental impact as far as possible. Not only in our raw material usage, but also other variables such as CO2 emissions from transport or use and durability.

Raw materials: Not only are they recyclable but also recycled. We study the impact of the material over time. There is no point using a very ecological material if, due to its construction, it needs to be replaced many times during the product's life cycle, thus multiplying the pollution caused by its production process.

Okm production: Trying to produce all components close to our Kettal production center in Barcelona is one of the brand's objectives to reduce CO2. The essential raw materials used at Kettal, such as fabric, rope and aluminum, are produced within a radius of 100km.

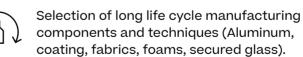
Use and durability: We do not build in obsolescence. Each design is aesthetically designed and technically developed to last as long as possible. The longer a product lasts, the less often it has to be replaced and therefore the fewer production processes that have to be carried out.

Accordingly, we at Kettal keep technical drawings and product patterns that are 30 years old in order to be able to replace components and extend the life of the product.



Kettal is developing and manufacturing the Pavilion O systems in Europe with a straight focus on the LEED standard requirements.







Selection of environmental certified materials (OekoTEX, EPD, FSC).



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Selection of recycled and/or recycled materials (Recycled aluminum, recycled foam, recycled fabric).

Kettal Quality & Certification management team is coordinating the LEED Certification process with an external LEED specialist consultant.

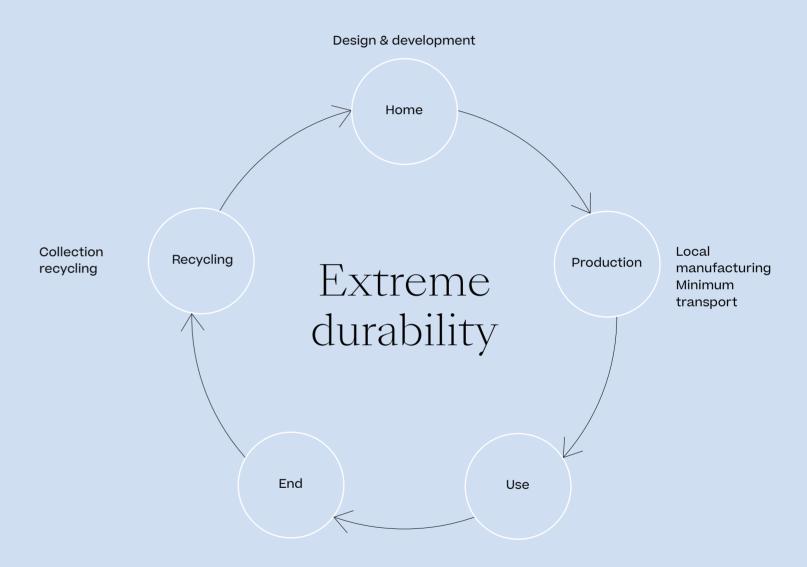




Recycled & Recyclable



Life cycle analysis



(recommended materials)

We would love to hear from you.

Head office

Kettal Barcelona Aragón, 316 08009 Barcelona, Spain T. (34) 93 487 90 90 F. (34) 93 487 90 66



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Showrooms

Kettal Barcelona Aragón, 316 08009 Barcelona, Spain t. (34) 93 487 90 90 f. (34) 93 487 90 66

Marbella Showroom Crtra. de Cádiz, Km.179 (entre el Marbella Club y el Guadalpin) 29600 Marbella, Spain t. (34) 95 277 89 89 tienda.marbella@kettal.es Paris Showroom 80, Blvd Malesherbes 75008 Paris, France t. (33) 143 59 51 40 boutique.paris@kettal.es

London Showroom 567 Kings Road, London SW6 2 EB t. (44) 20 7371 5170 sales@kettal.co.uk Miami Showroom 147 Miracle Mile Coral Gables, Florida 33134, USA t. (1) 786 552 90 22 miami.store@kettal.es

New York Showroom
The D&D Annex:
222 East 59th Street
Suite 222-333
New York, NY 10022, USA
t. (1) 917-509-2650
newyork.showroom@kettal.com

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London Showroom 567 Kings Road, London SW6 2 EB t. (44) 20 7371 5170 sales@kettal.co.uk Miami Showroom 147 Miracle Mile Coral Gables, Florida 33134, USA t. (1) 786 552 90 22 miami.store@kettal.es

New York Showroom
The D&D Annex:
222 East 59th Street
Suite 222-333
New York, NY 10022, USA
t. (1) 917-509-2650
newyork.showroom@kettal.com

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