





## WALLENIUM

PARTITION WALLS

Wallenium is a company that develops, sells, produces and installs movable partition wall systems. What we offer is a modern way of providing privacy, transparency and design to any office space, shopping mall or public place. Wallenium Partition Walls efficiently adapt to your organizations needs while effectively promoting construction sustainability. Wallenium Partition Walls are customizable in hundreds of ways to insure a truly impressive and unique backdrop to your organizations space.

Our strengths are continuous product development and active cooperation with interior designers and architects, to whom we offer technical support in developing solutions. We have a strong partnership with builders, who appreciate professionalism and cooperation.

The Wallenium Partition Wall systems VAL90 and MODULARE92 have passed sound tests at the VTT Technical Research Centre in Finland.

Together we create lasting values!  
The Wallenium team

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# VAL90

MOVABLE MODULAR PARTITION WALL SYSTEM MADE WITH MDF OR WOOD-PLY PROFILES

The movable partition wall system VAL is a suitable solution for creating new office space arrangements and separating workplaces, taking into consideration the changing needs of office premises. VAL has a modular design which makes it easy to install and if necessary re-arrange or move. The design, width and height of the movable partition walls will be specifically manufactured in accordance with the designer or customer requirements (keeping in mind the maximum dimensions).

## WALL SYSTEM VAL90

The modules are made from varnished, painted or veneered MDF profiles or wood-ply profiles. The standard size for both types of profiles is 30 x 92 mm, but depending on the customers' needs, the depth of the profiles can be between 60–200 mm. The modules are assembled (framework, panels, seals, etc.) at Wallenium's production facility and on-site they are simply connected together. The wall system VAL90 can be installed into openings or left open at the top. If left open, a connection bar (30 x 92 mm) is used at the top of the modules to stiffen the entire wall. In addition, a 30-40 x 8 mm MDF trim will cover the perimeter.

The maximum dimensions of a module are 1100 x 2800 mm.

## CORNER SOLUTION

Right angles are fixed with a 92 x 92 mm (or according to the depth of the profile) profile (post). In the case of the VAL90 system, a right angle can also be made without a post and the glass meets at the corner. This is done by cutting the tops and bottoms of the profiles at 45-degree angles and reinforced with a threaded rod which is covered by an aluminum pipe.

## DOORS AND HARDWARE

With the VAL partition wall system many different types of doors may be used, which include: hinged doors (with or without glass openings), panel doors with special dimensions, double sided panel doors, sliding doors, full-glass doors, etc., can be used. The doors frame is typically the same thickness as the walls depth which is generally 92 mm. If necessary, the depth of the frame can be specifically made to a specified size. All locks, handles, knobs, door hardware, etc., that are suitable for a certain type of door can be used.

## SURFACE TREATMENT AND PANELS

The profiles, doors and panels of the VAL system can be varnished, painted (according to the RAL catalogue), veneered and stained. Panels can also be fabric covered.

The standard type of panel consists of 6mm tempered safety glass. Thicker tempered glass (8-10 mm) can also be used in addition to laminated safety glass (4 + 4 mm and 6 + 6 mm). Glass panels can either be clear, tinted or customized with a variety of films.

Also, finished MDF panels which are up to 16 mm thick can be used within the profiles or the panels can be flush mounted and insulated. The flush mounted panels can accommodate for electrical boxes or switches.

Additional features can be added such as venetian blinds, roller blinds, string blinds, etc., can be attached to the modules.

## PARTITION SHELF WALL

The VAL90 system can be made so the walls can be used as a shelf. To do this, profiles are made up to 600 mm deep. Glass or other types of panels are mounted either along the edge or in the middle of the profile; in this way, shelves are formed either on one or both sides of the glass. By adding doors to the shelves, one can create closets. On shelf modules with a width of over 900 mm, two aluminum pipes are installed in the middle of the profile to reinforce the bearing strength of the shelf.

## INSTALLATION

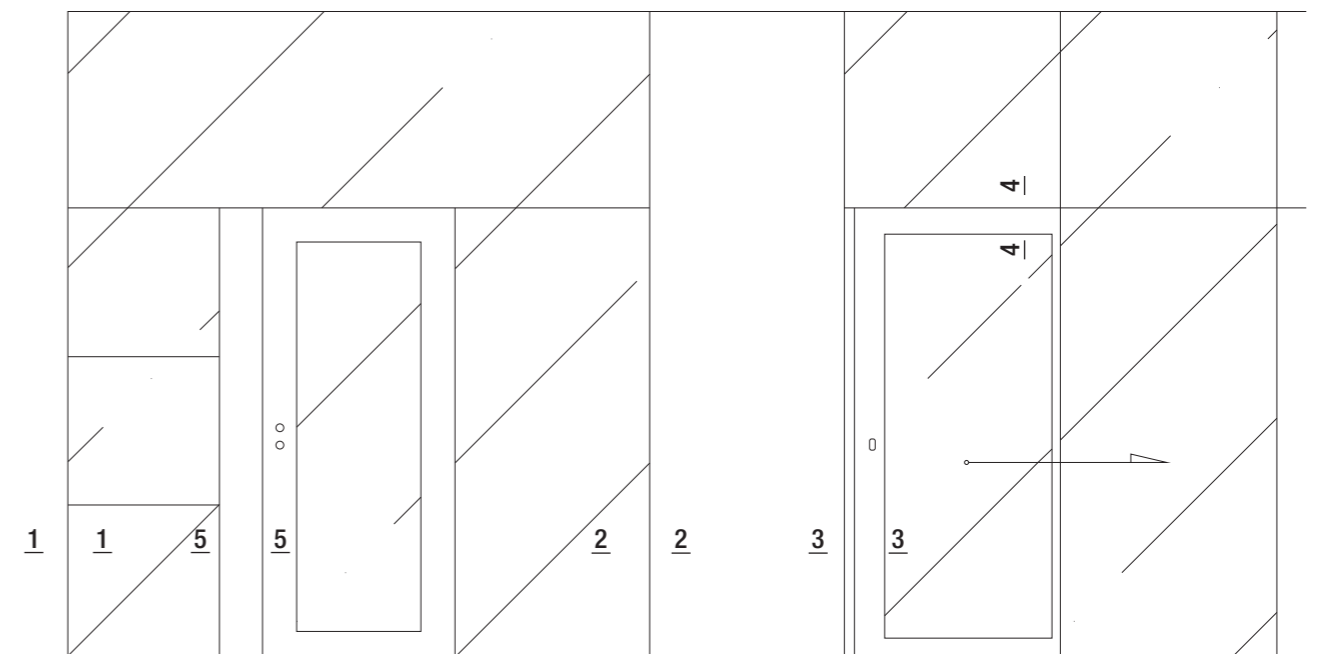
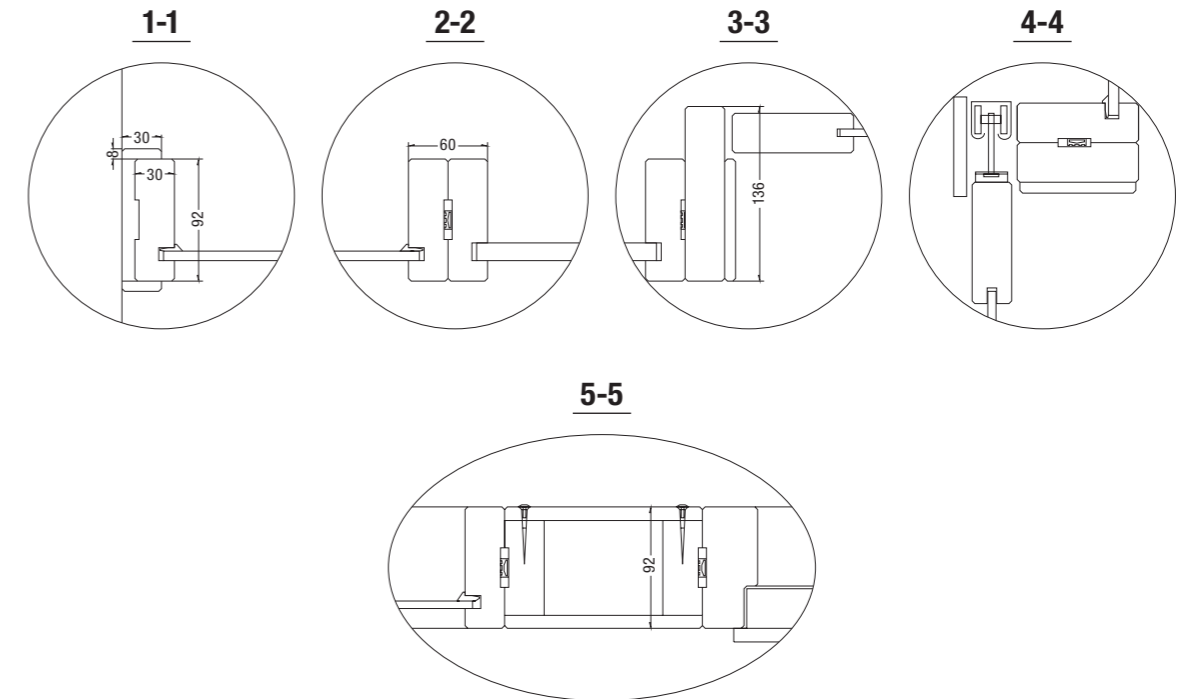
The movable partition wall system VAL is installed in modules, which makes installation quick and easy. Between the modules a sound insulation is installed, according to the sound resistance requirements. Modules can be attached to ceilings, walls and floors, as necessary.

## SOUNDPROOFING

VAL90 MDF Frame	SOUNDPROOF INDEX $R_w$ (dB)		
	6 mm tempered glass	6 + 6 laminated glass	4 + 4 laminated glass
	30	38	35

VTT Research Centre

Finland, Espoo, 13.11.2008





# VAL90

**SYSTEM:** VAL90 painted MDF  
**FEATURES:** 6 mm tempered glass, electrical receptacles, venetian blinds, matte film, handrail



▲  
**SYSTEM:** VAL90 painted MDF, veneered doors  
**FEATURES:** 6 mm tempered glass, matte film  
**CORNER SOLUTION:** The glass meets at the corner

▲  
**SYSTEM:** VAL90 painted MDF  
**FEATURES:** 6 mm tempered glass, matte film

# MODULARE92/50

MOVABLE MODULAR PARTITION WALL SYSTEM MADE WITH ALUMINUM PROFILES

The movable partition wall system MODULARE92/50 is a suitable solution for creating new office space arrangements and separating workstations, taking into consideration the changing needs of office premises. MODULARE has a modular design which makes it easy to install and if necessary re-arrange. The design, width and height of the movable partition walls will be specifically manufactured in accordance with the designer or customer requirements.

## WALL SYSTEM MODULARE50

The modules are made from 15 x 50 mm and 30 x 50 mm aluminum profiles. The modules are assembled (framework, panels, seals, etc.) at Wallenium's production facility and on-site they are simply connected together using the "click" method without the use of screws. The walls of the MODULARE50 system are always installed into openings and a special 52 x 30 mm U-profile will cover the perimeter.

The maximum dimensions of the modules are 1000 x 2700 mm.

## WALL SYSTEM MODULARE92

The modules are made from 15 x 92 mm and 30 x 92 mm aluminum profiles. The modules are assembled (framework, panels, seals, etc.) at Wallenium's production facility and on-site they are simply connected together using the "click" method without the use of screws. The wall system MODULARE92 can be installed into openings or left open at the top. If left open, a connection bar is used at the top of the modules to stiffen the entire wall. In addition, a 30 x 2 mm aluminum trim will cover the perimeter.

The maximum dimensions of the module are 1200 x 3000 mm.

## CORNER SOLUTION50/92

Right angles are fixed with a 50 x 50 mm or 92 x 92 mm profile (post). In the case of the MODULARE92 system, a right angle can also be made without a post and the glass meets at the corner. This is done by cutting the tops and bottoms of the profiles at 45-degree angles and reinforced with a threaded rod which is covered by an aluminum pipe.

## DOORS AND HARDWARE

Hinged doors and sliding doors are made from aluminum profiles with glass or other materials.

As a special solution, full glass or MDF profile doors may be used in the walls.

It is possible to use any lock, handle, knob, hardware, etc., which are made for profile system doors.

Soundproof sliding door (R<sub>w</sub> 27 dB) – (see picture on page 18–19). Made with soundproof glass, sound gaskets and an automated seal at the bottom of the door.

## SURFACE TREATMENT AND PANELS

The surface treatment of the MODULARE aluminum profiles are naturally anodized or painted according to the RAL catalogue.

The standard type of panel consists of 6mm tempered safety glass. Thicker tempered glass (8-10 mm) can also be used in addition to laminated safety glass (4 + 4 mm and 6 + 6 mm). Glass panels can either be clear, tinted or customized with a variety of films.

Also, finished MDF panels which are up to 16 mm thick can be used within the profiles or with the Modulare92 the panels can be flush mounted and insulated. The flush mounted panels can accommodate for electrical boxes or switches. The panels can be painted, veneered, stained, varnished or fabric covered.

## INSTALLATION

The movable partition wall system MODULARE is installed in modules, which makes installation quick and easy. Between the modules a sound insulation is installed, according to the sound resistance requirements. Modules can be attached to ceilings, walls and floors, as necessary.

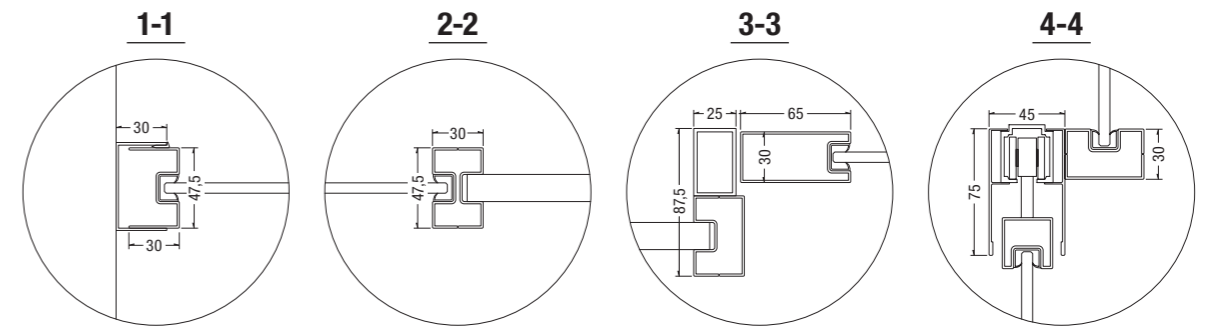
## SOUNDPROOFING

MOD92 Aluminum frame	SOUNDPROOF INDEX R <sub>w</sub> (dB)		
	6 mm tempered glass	6 + 6 laminated glass	4 + 4 laminated glass
	29	38	35

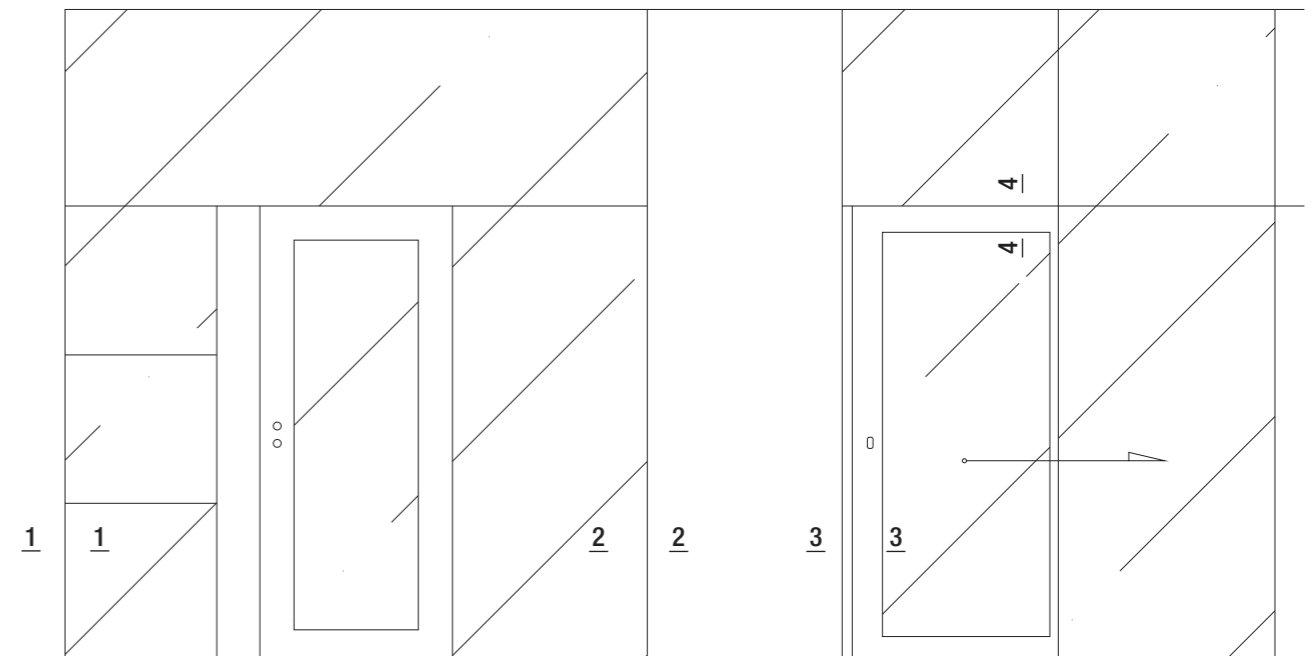
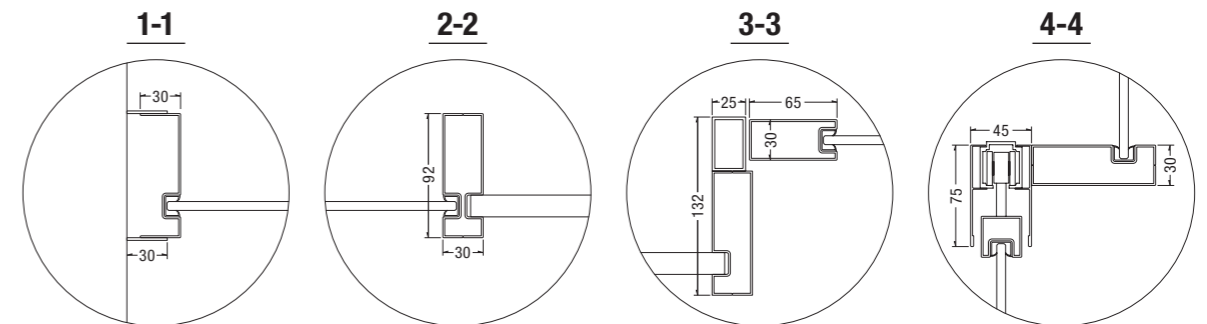
VTT Research Centre

Finland, Espoo, 13.11.2008

## MOD50



## MOD92





# MODULARE92/50

**SYSTEM:** MOD92 painted aluminum  
**FEATURES:** 6 mm tempered glass, venetian blinds



▲ **SYSTEM:** MOD50 sliding door and TK, painted aluminum  
**FEATURES:** 6 mm tempered glass

◀ **SYSTEM:** MOD50 anodized aluminum  
**FEATURES:** 6 mm tempered glass

▶▶ (pages 16–17)  
**SYSTEM:** MOD92 painted aluminum, VAL90 door element  
**FEATURES:** 4 + 4 mm laminated glass







**SYSTEM:** MOD50 soundproof sliding door (R'w 27)

**FEATURES:** 4 + 4 mm laminated soundproof glass

# MODULARE30

LIGHTWEIGHT MOVABLE PARTITION WALL SYSTEM MADE WITH ALUMINUM PROFILES

The lightweight partition wall system MODULARE30 is an excellent solution for separating workstations. This system consists of freestanding partitions that are interconnected with adjustable leg supports and are not attached anywhere else.

The modules are manufactured according to the customer's needs and are assembled (framework of aluminum profiles 30 x 30 mm, panels, seals, etc.) at Wallenium's production facility. On site, the walls are interconnected using bolts and connection plates.

For ensuring stability of the walls, the maximum module dimensions are 1000 x 1800 mm.

## CORNER SOLUTION 30

Right angles are fixed by a 30 x 30 mm profile (post). At any other angle corners can be connected with a round 40 mm post, which allows for the changing of the angles between interconnected partitions at any time.

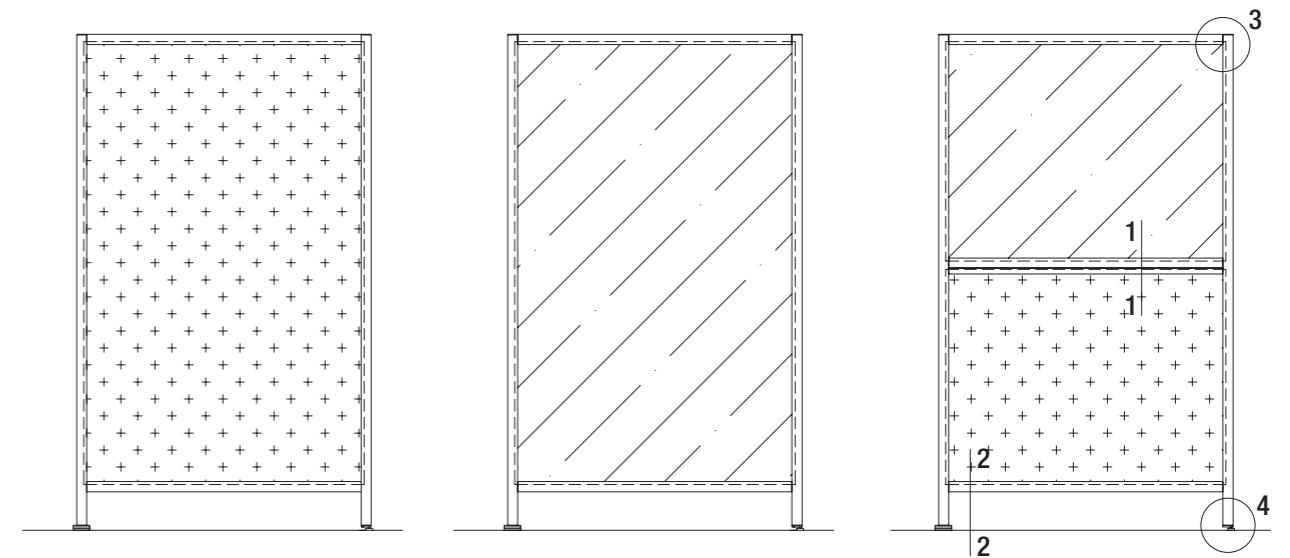
## SURFACE TREATMENT AND PANELS

The surface treatment of the MODULARE aluminum profiles are naturally anodized or painted according to the RAL catalogue.

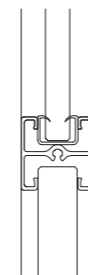
To fill the modules, different types of glass, painted, veneered, varnished or fabric covered panels with a maximum thickness of up to 16 mm may be used.

## INSTALLATION

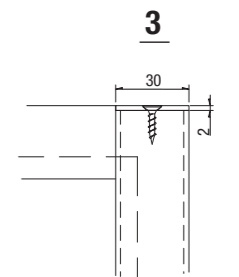
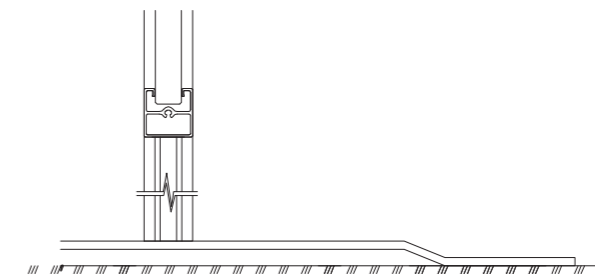
The Modulare30 partition wall modules are interconnected using connection plates and posts at corners. Support legs and adjustable legs are also used.



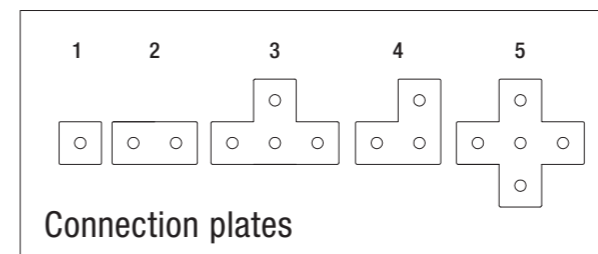
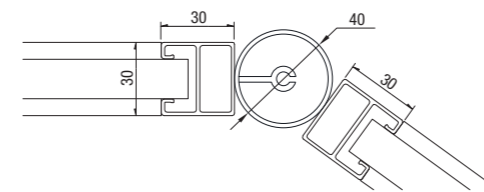
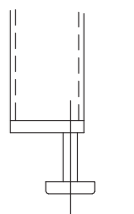
1-1



2-2



4





# MODULARE30

**SYSTEM:** MOD30 anodized aluminum  
**FEATURES:** 4 + 4 mm translucent glass



**SYSTEM:** MOD30 anodized aluminum  
**FEATURES:** Cara fabric

# CHAT BOX



## DEMOUNTABLE MODULAR SILENCE ROOM FOR 1-4 PERSONS

Open office spaces have become commonly utilized by organizations who seek an efficient use of space, however often enough employees need a tranquil place where they can focus at the task on hand whether it may be a team meeting, a phone call or a video conference. Small meeting rooms and large boardrooms are typically an employee's go to option to get away from distractions, although these places are frequently in demand and therefore not always an optimal use of space for 1-4 people.

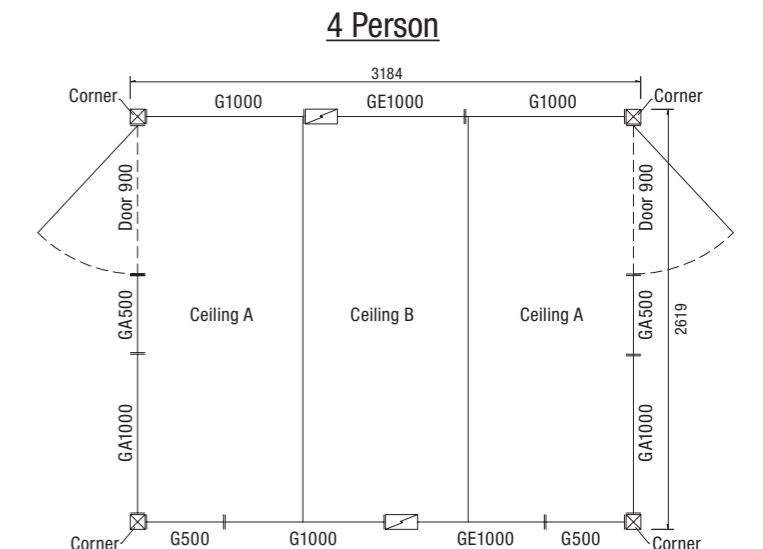
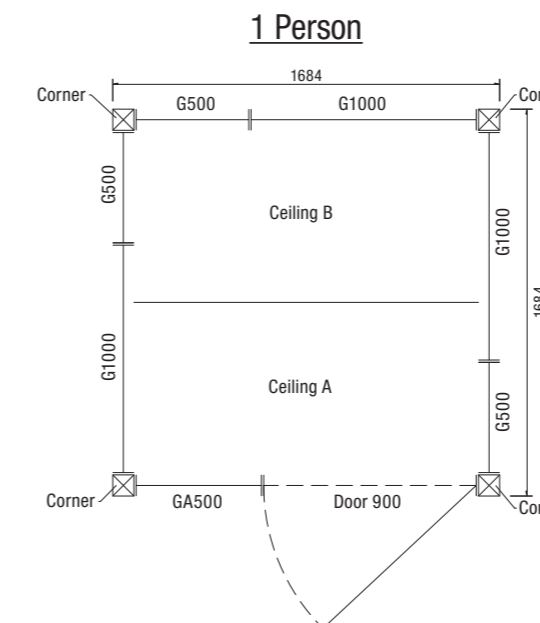
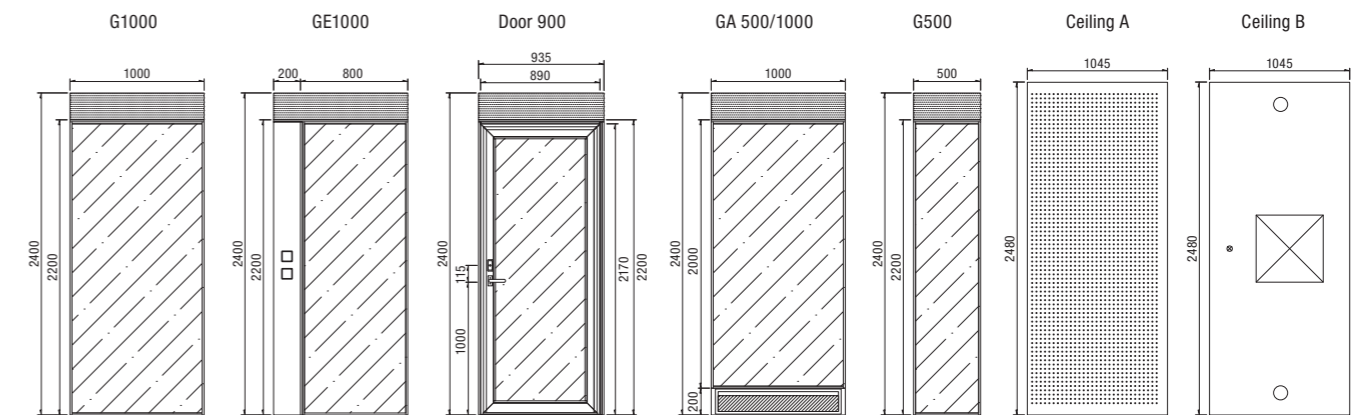
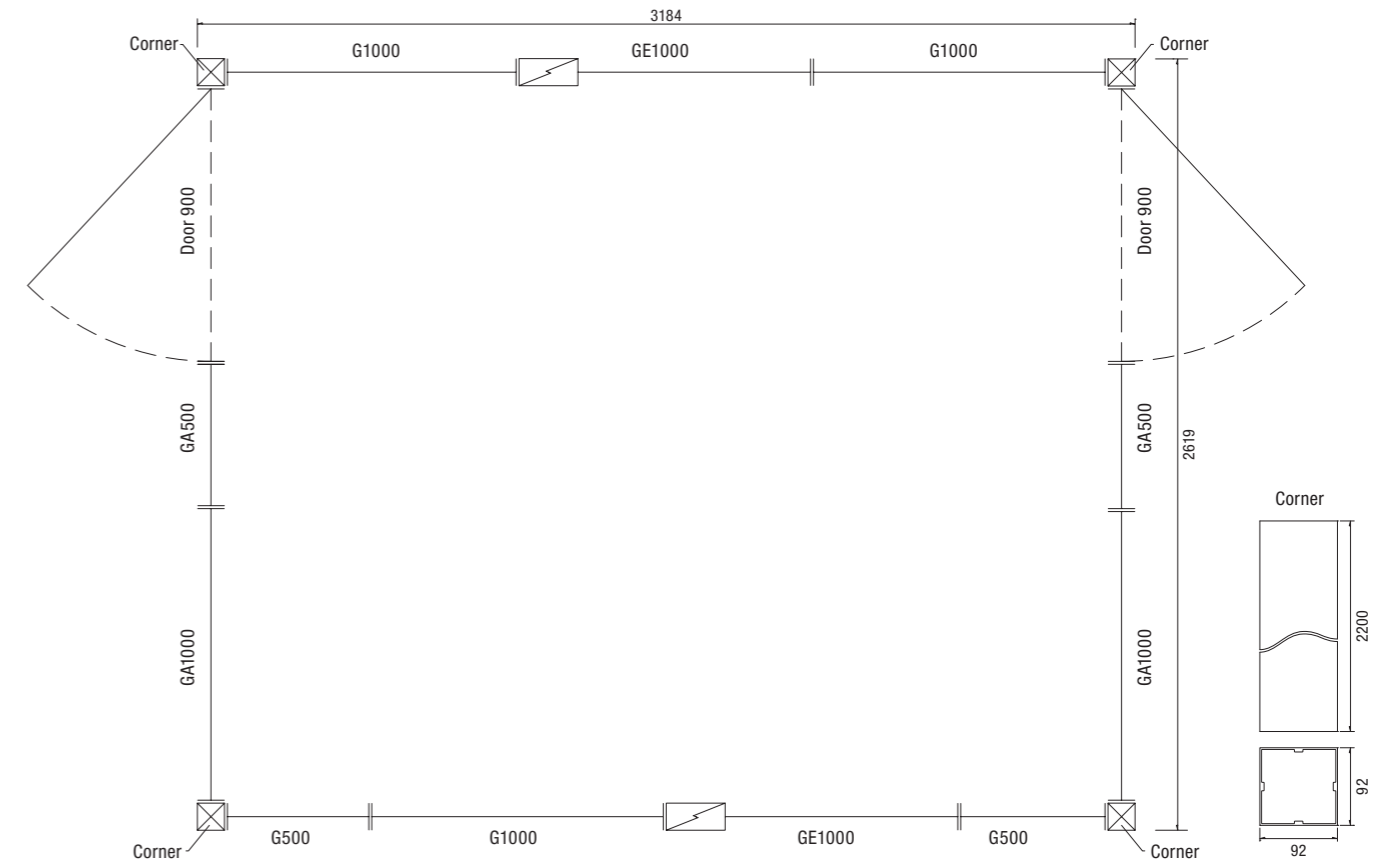
### CHAT BOX

- An autonomous soundproof room in room constructed of wall and ceiling modules—an asset that can be easily relocated.
- Modules are made of aluminum profiles that can be anodized or painted, and glass that can be customized with a wide variety of films.
- Modern design inside and out that will compliment any space.
- Available in standard or customized sizes to allow more flexibility.

### CHAT BOX- A VALUABLE TOOL WITH MANY BENEFITS

- Easily create small private rooms without the disturbance of a lengthy construction project, while conserving real estate by efficiently using space.
- Effectively communicate by phone, video conference or team meeting without distraction or distracting others.
- Increase productivity by providing employees with an easily accessible place to focus.

- CHAT BOX allows for integration of features such as: lighting, HVAC, data, electrical outlets and fire safety systems.
- CHAT BOX facilitates the installation of TV screens, projectors and speakers.
- Laminated safety glass and acoustic ceiling reduce sound transmission - 37 or 40dB.



# CHAT BOX



**SYSTEM:** CHAT BOX with MOD92 modules and door, anodized aluminum

**FEATURES:** 4 + 4 mm laminated glass (Rw 37)



**SYSTEM:** CHAT BOX with MOD92 modules and door, anodized aluminum  
**FEATURES:** 4 + 4 mm laminated glass (Rw 37)



# TK

## FULL-GLASS DEMOUNTABLE PARTITION WALL SYSTEM WITHOUT VERTICAL PROFILES

The TK FULL-GLASS partition wall system is a suitable solution for creating new office space arrangements and separating workplaces, taking into consideration the changing needs of office premises. TK walls are designed as glass modules. These glass walls allow for a maximum unrestricted view since there are only profiles at the top and bottom of the glass and sides if requested. There are no vertical profiles between the glass panels.

### PROFILES

The glass is held from above by 30 x 39 mm aluminum clamp profiles that have side covers or by a 21 x 40 mm sealed U-profile. At the bottom the glass is normally supported by a 15 x 15 mm U-profile or a 35 x 100 mm rectangular profile.

The surface of the TK aluminum profiles are typically naturally anodized or they can be painted according to the RAL catalogue.

As a special solution it is possible to use painted or veneered MDF profiles.

### GLASS

Depending on the requirements, 8–12 mm tempered or laminated safety glass is used, although as an option thicker glass can be used. Visible glass edges are polished and if necessary the joints between the glass walls are filled with silicone or fixed with a special glass tape.

### CORNER SOLUTION

Where modules meet at a corner, the top and bottom of the profiles are cut according to the specific angle. In the case of a right angle, the sheets of glass are fixed in a way that one sheet covers the other. For any other angle, the sheets of glass are fixed at that angle. The glass edges are always straight and never cut on an angle.

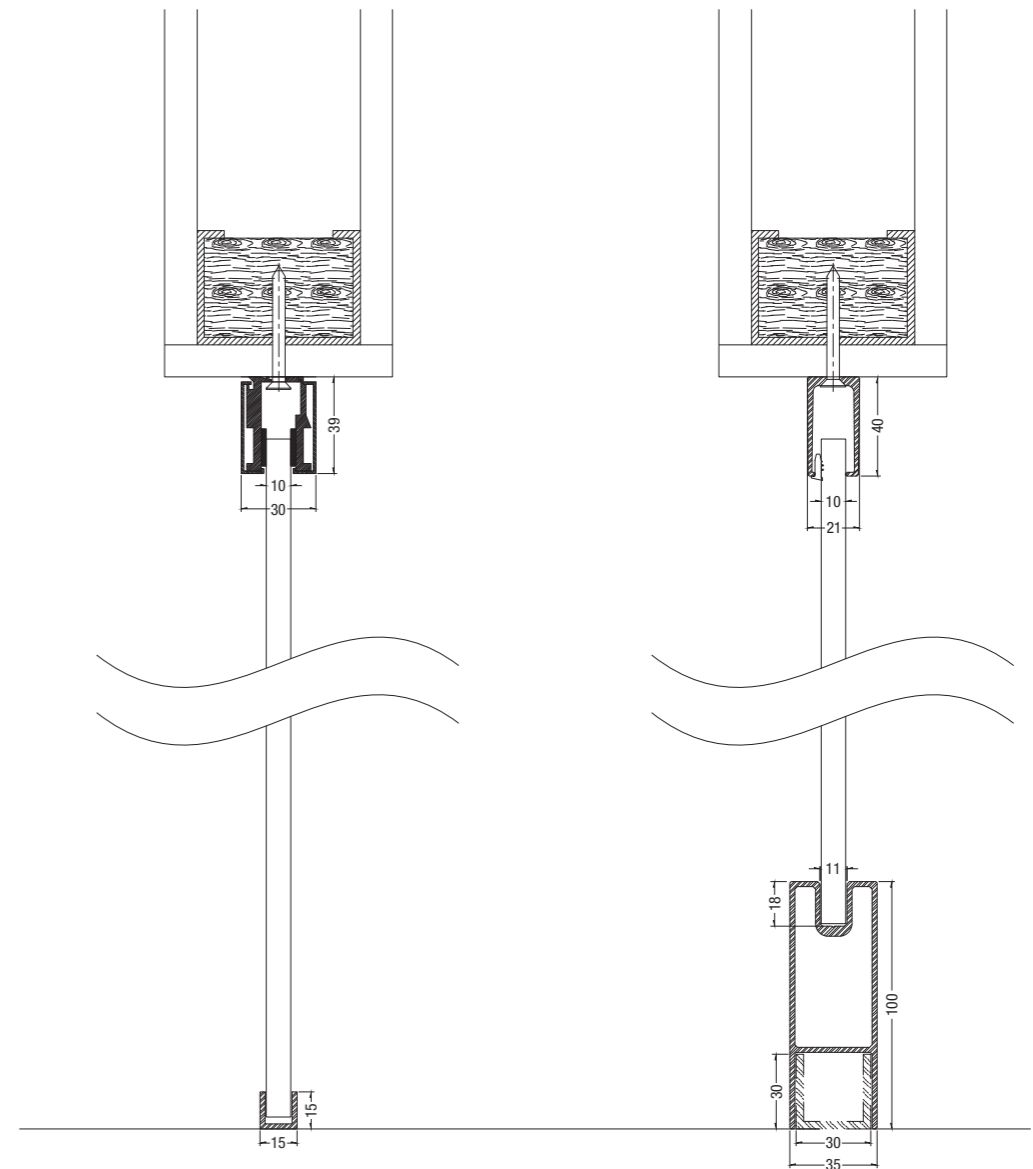
### DOORS AND HARDWARE

Sliding doors are hung from Wallenium's standard track system with a special 30 x 39 mm clamp that extends for the total length of the glass.

In the case of hinged doors, the hardware and handles from various manufacturers can be used.

The TKU door option shown on page 38–39 is a full glass door in an aluminum frame with gaskets. An automated bottom seal can also be added to the door in order to improve sound insulation.

Dimensions of the TKU door frame profiles are 39(55) x 47 mm. As another solution, the TKU framing can incorporate a wood door leaf.





TK

**SYSTEM:** TK full-glass, anodized aluminum profiles  
**FEATURES:** 10 mm tempered glass



▲  
**SYSTEM:** TK full-glass, VAL90 door  
**FEATURES:** 6 + 6 mm laminated soundproof glass, matte film h=1500 mm

▼  
**SYSTEM:** TK full-glass, anodized aluminum profiles  
**FEATURES:** 10 mm tempered glass



▲▶  
**SYSTEM:** TK + TKU full-glass door with automated bottom seal  
**FEATURES:** 10 mm tempered glass

# ALATAR

## CONTINUOUSLY HINGED OPERABLE FOLDING WALL

Wallenium's soundproof operable wall system ALATAR is ideal for dividing and creating rooms.

The folding wall system is attached to the ceiling and is made up of wall panels that are connected by hinges and stored at the end of the track when opening the wall. There are sound insulation seals between the panels, ceiling and floor.

### STRUCTURE

The ALATAR operable wall structure is composed of aluminum profiles, sheets of treated particleboard or MDF and insulation. The combined structure forms a panel that has a total thickness of 82 mm and depending on the insulation material ensures a soundproof resistance of 45 or 49 dB (decibels).

When the operable folding wall system ALATAR is supported at the ceiling it runs along an adjustable aluminum upper track that is equipped with bearings inside of carriages. This enables the walls height to be adjusted by  $\pm 15$  mm. The carriages are installed on every second wall panel and are located at the center of the panel. Because the wall hangs from the ceiling, it is important for the installation of the wall that the wall is attached to something solid (i.e. concrete ceiling, steel structure, wood beam etc.).

In the case that the folding wall is supported by the ground, an aluminum track is installed on the floor where the carriages move the wall and at the top there is a guiding track. The height is also adjustable by  $\pm 15$  mm.

At the end of the wall, a jamb profile is installed to close the last panel and which is also used as a door. This, together with the jamb is installed to start the wall and allows for the walls width to be adjusted  $\pm 20$  mm.

### HARDWARE

Every panel of the folding wall is equipped with a sunken stopper which is used to lock the wall, using a separate handle/knob, into an opening recessed into the floor. The openings in the floor are covered with templates which are supplied with the wall. The separate panels of the wall are joined with hinges.

### SURFACE TREATMENT

The standard colour for the track profile of the folding wall and the jamb profiles is white (RAL 9010) and the panels edge profiles are naturally anodized.

There is a wide variety of panel surface treatments, from which a suitable one can be chosen:

- White melamine (standard)
- Coloured melamine (RAL catalogue)
- Decorative melamine
- Natural veneer
- Special solutions (laminare, magnet board, marker board, etc.).

As a special solution it is possible to install a glass opening in the centre of the panel. The opening can cover the whole panel, the bottom or the top.

The maximum measurement of the glass is 150 mm in from the sides of the panel and 300 mm in from the top and bottom of the panel.

### LOCK AND HANDLE

The last, outermost panel of the folding wall functions as a door when the wall is in a closed position, and is equipped with a roller lock and a recessed handle by Wallenium.

Upon request, a lock operated by a key, may also be installed.

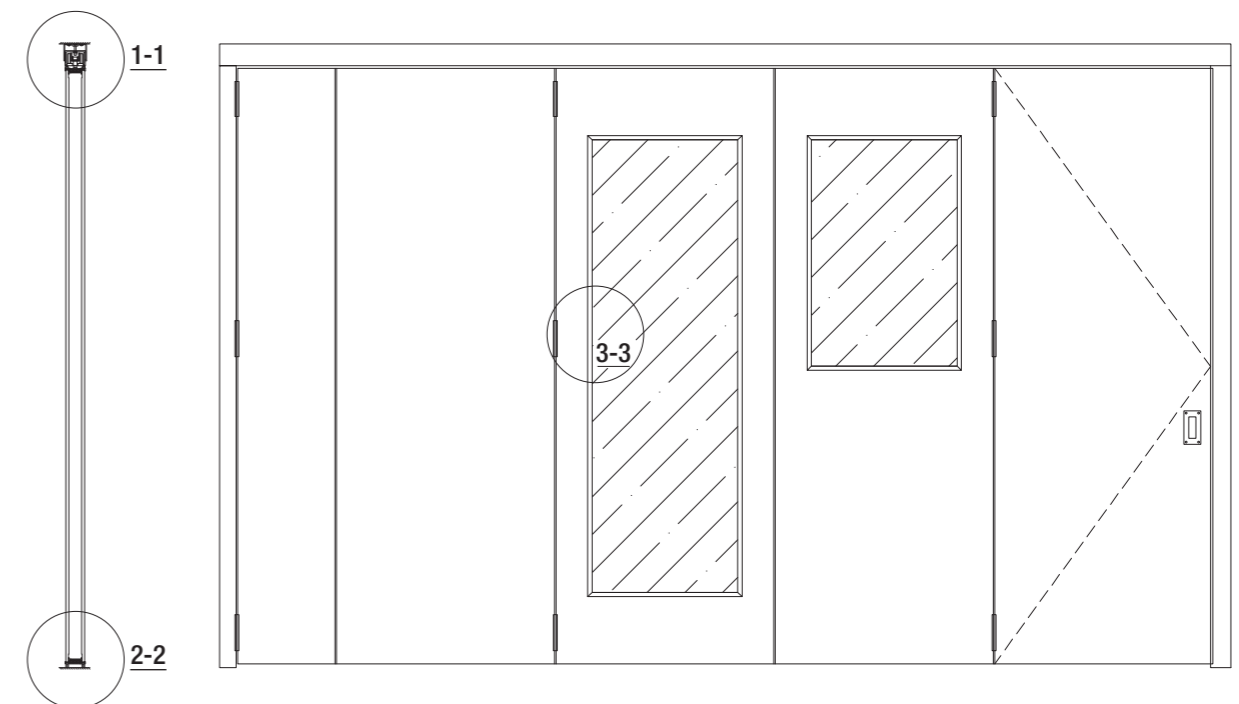
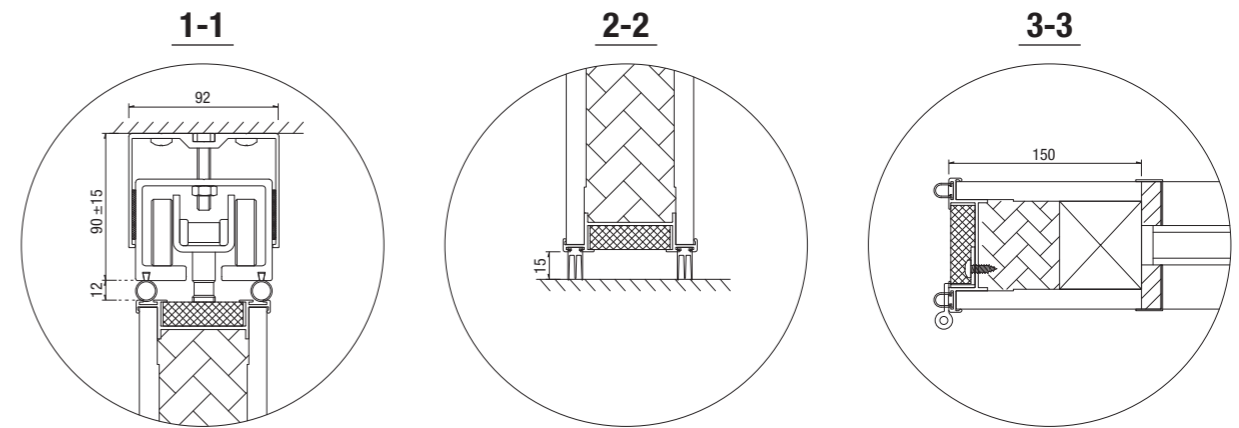
### PRODUCT INFORMATION:

<b>Thickness:</b>	82 mm (for all folding wall types)
<b>Weight per m<sup>2</sup>:</b>	25–45 kg/m <sup>2</sup> depending on the sound insulation
<b>Height:</b>	Max 4000 mm
<b>Panel width:</b>	Min 400 mm / Max 910 mm
<b>Sound insulation:</b>	Rw 45 or 49 dB

### ALATAR L

Non-soundproof foldable wall model (see pictures on page 46–47).

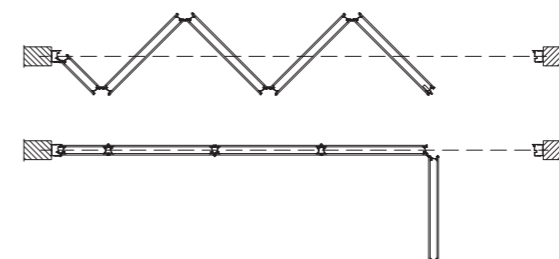
<b>Thickness:</b>	22–30 mm
<b>Weight per m<sup>2</sup>:</b>	15–20 kg
<b>Height:</b>	Max 4000 mm
<b>Panel width:</b>	Min 230 mm / Max 910 mm
<b>Material:</b>	aluminum profile and glass or melamine



### FOLDING WALL TYPES:

#### A) Folding partition with a top guide rail

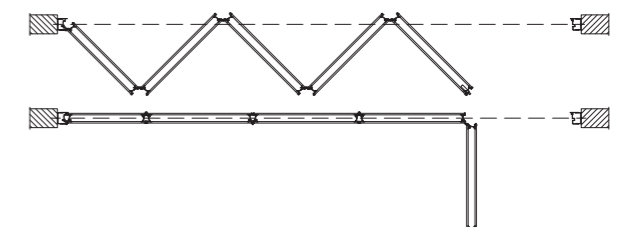
The carrying roller is in the middle of the panel.



#### B) Folding partition with a floor guide rail

(if the upper construction is not strong enough or if eccentric parking is needed)

The carrying roller is on one edge of the panel.





# ALATAR

SYSTEM: ALATAR  
FEATURES: Birch melamine



▲  
**SYSTEM:** ALATAR  
**FEATURES:** Painted MDF

▼  
**SYSTEM:** ALATAR  
**FEATURES:** Laminate + birch melamine with glass opening



**SYSTEM:** ALATAR L (non-soundproof)  
**FEATURES:** Melamine



# ALATAR S

## SINGLE PANEL OPERABLE WALL

Single panelled operable walls are room separators that are attached to the ceiling. Unlike continuously hinged operable walls, these panels are not interconnected and when opening the wall the panels are stacked at the end of the track with one roller or on another track with two rollers. There are sound insulation seals between the panels, ceiling and floor.

### STRUCTURE

The operable walls structure is composed of aluminum profiles, sheets of treated particleboard or MDF and insulation. The combined structure forms a panel that has a total thickness of 100–120 mm and depending on the insulation material ensures a soundproof resistance of 40–57dB (decibels).

Stationary end parts with a standard width of 80 mm are installed at the ends of the wall.

Because the wall is suspended from the ceiling, it is important for the installation of the wall that the wall is attached to something solid (i.e. concrete ceiling, steel structure, wood beam etc.). Alternatively, the track of the operable wall can be attached to the constructive ceiling using threaded bars and special attachment plates.

The standard colour for the profiles of the operable wall are white (RAL 9010) and the edge profiles of the panels have a naturally anodized finish.

### SURFACE TREATMENT

There is a wide variety of panel surface treatments, from which a suitable one can be chosen:

- White melamine (standard)
- Coloured melamine (RAL and NCS catalogues)
- Decorative melamine
- Natural veneer
- Special solutions (laminated, magnet board, marker board, etc.).

As a special solution it is possible to install a glass opening in the centre of the panel. The opening can cover the whole panel, the bottom or the top.

The maximum measurement of the glass is 150 mm in from the sides of the panel and 300 mm in from the top and bottom of the panel.

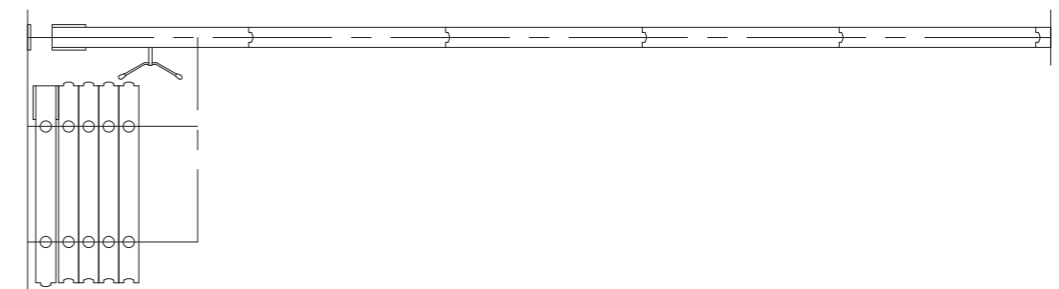
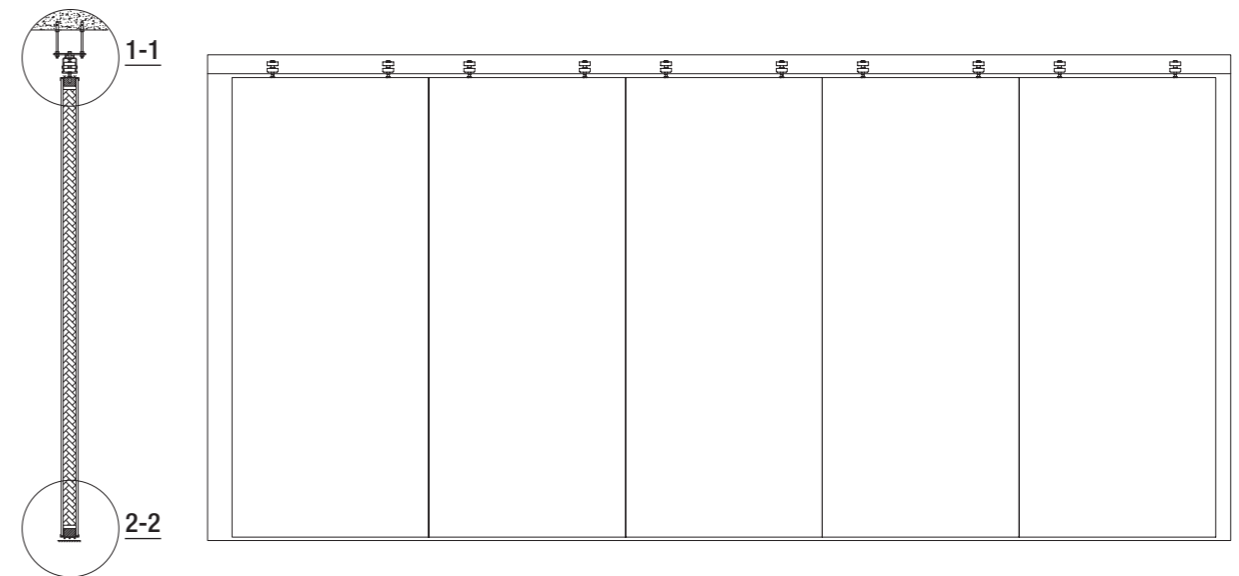
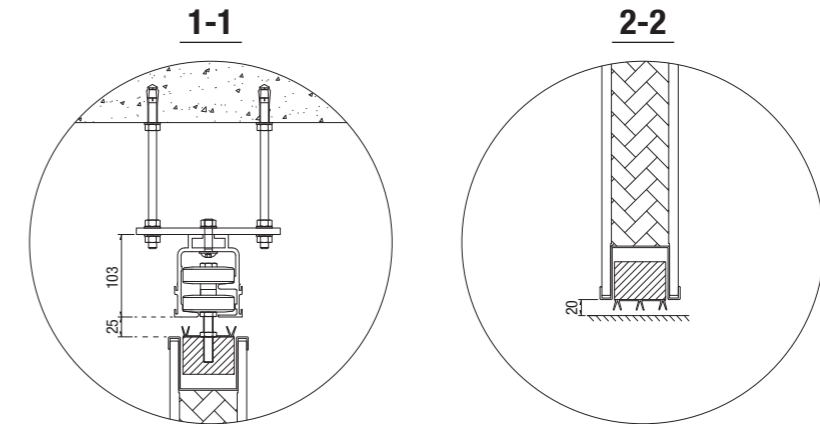
### DOORS

A pass door may also be installed in the operable wall. The pass door can be installed inside a wall panel, or as a special solution, from floor to ceiling as a full door. In the latter case, the door remains stationary and one edge is always attached to the existing wall.

A standard factory-specified lock, in which the Euro (DIN) core can be used, is installed in the pass door.

### PRODUCT INFORMATION:

<b>Thickness:</b>	100–120 mm
<b>Weight m<sup>2</sup>:</b>	35–63 kg/m <sup>2</sup> depending on the sound insulation
<b>Max height:</b>	According to panel's surface treatment and weight
<b>Panel width:</b>	Min 650 mm / Max 1320 mm
<b>Sound insulation:</b>	Rw 40–57 dB





# ALATAR S

**SYSTEM:** ALATAR S soundproof single panelled operable wall, anodized profile  
**FEATURES:** Melamine finish



▲▲  
**SYSTEM:** Soundproof single panel operable wall  
**FEATURES:** White melamine panel

# TKS

## SINGLE PANEL FULL-GLASS MOVABLE WALL SYSTEM

Wallenium's TKS full-glass single panel movable wall system is ideal for dividing and creating rooms.

The TKS single panel movable glass wall system is ceiling supported and consists of glass panes without vertical profiles which are not interconnected. When the wall is open, the panels are stacked at the end of the track in the stacking area.

### STRUCTURE

The TKS movable wall panels are composed of individual panes of glass that have bottom and top profiles attached which are made from aluminum. Each panel is hung from the ceiling track and is equipped with carriages with bearings for the panel to move along the ceiling supported top guide rail profile, allowing opening and closing of the wall. In order to open the wall, the panels are stacked in the stacking area which can be designed in various different arrangements. Because the wall hangs from the ceiling, it is important for the installation of the wall that the wall is attached to something solid (i.e. concrete ceiling, steel structure, wood beam etc.).

The first panel is typically fixed with a flush mount door closer and therefore can be used as a passage way or door. Other options are also possible upon request.

### HARDWARE

Every panel of the TKS movable wall is equipped with a sunken stopper with a latch which is used to lock the wall into an opening recessed into the floor. The openings in the floor have inserts which are supplied with the wall.

The door panel can be fitted with various types of glass hardware such as ladder pulls, latch sets, locks and other specialty solutions if necessary.

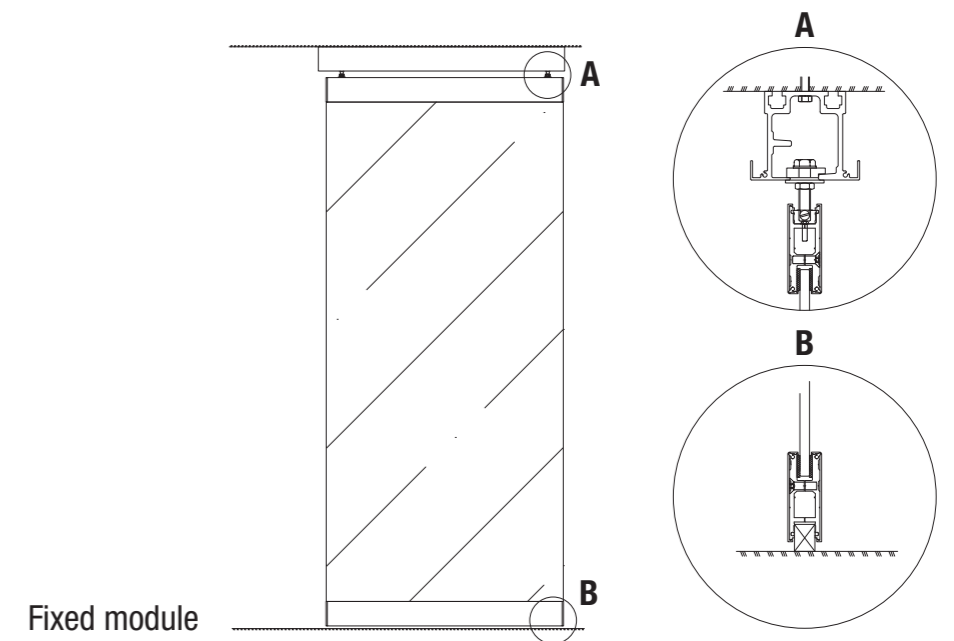
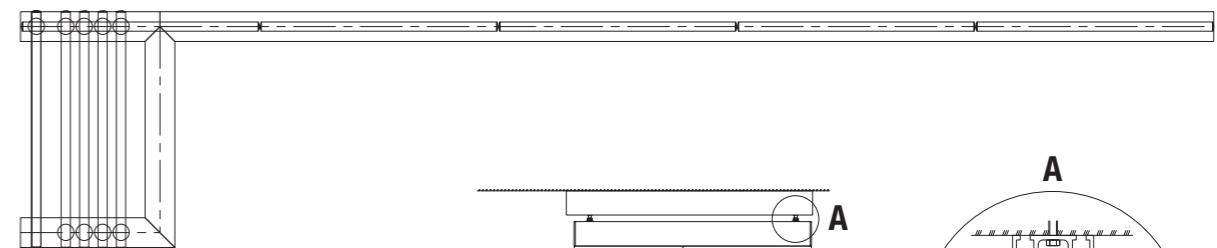
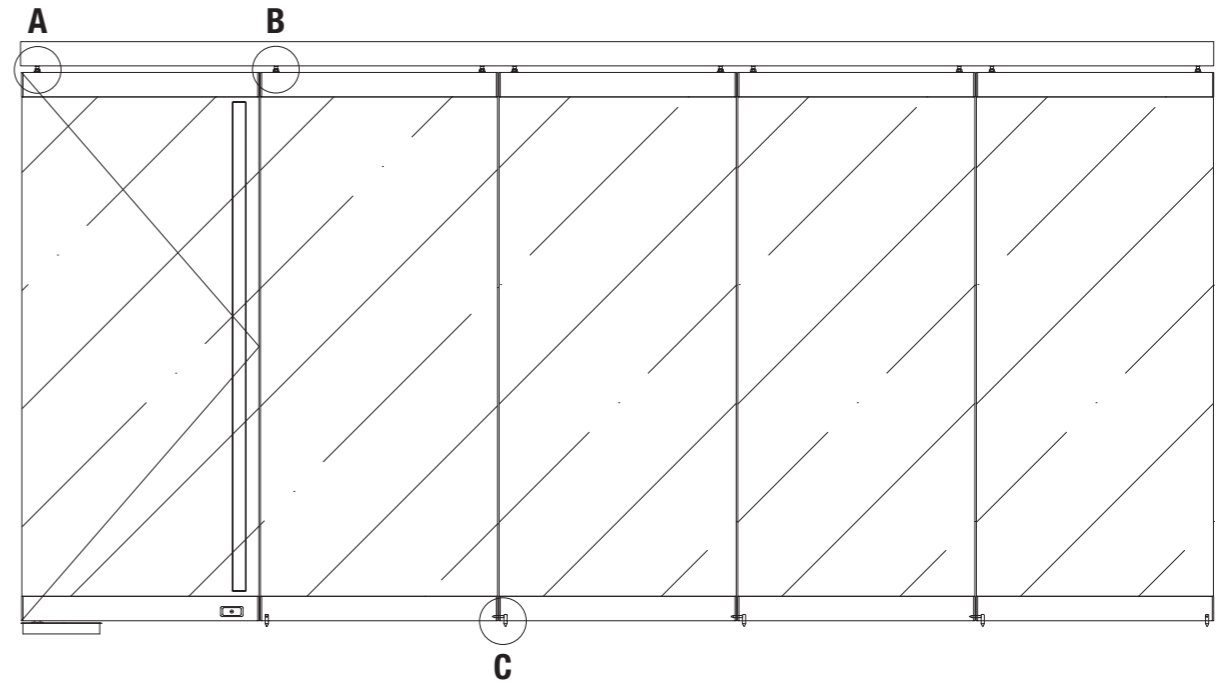
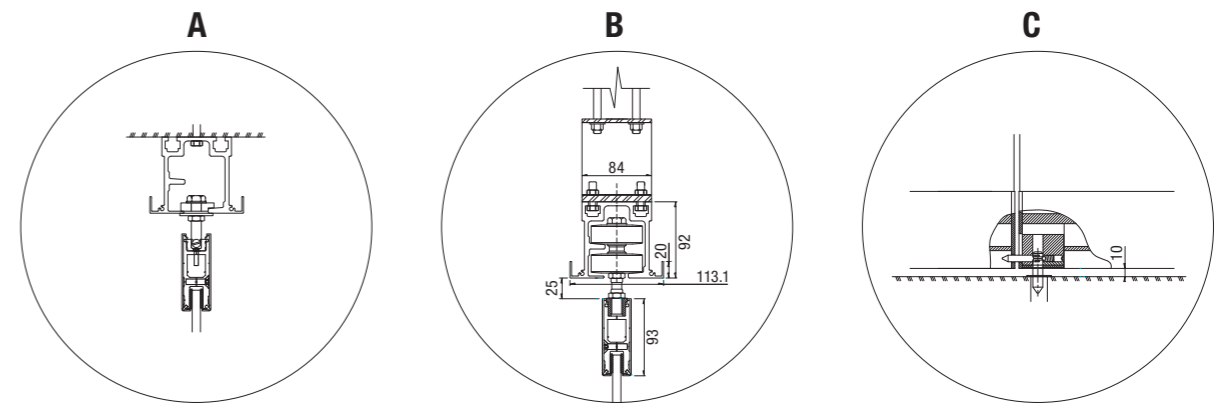
### SURFACE TREATMENT

The movable walls top guide rail profiles and the panels top and bottom profiles standard finish is anodized aluminum. If required, the profiles can also be painted according to the RAL catalogue. Profiles can also be finished with stainless-steel covers as an option.

8–12mm thick tempered safety glass is typically used. Tempered laminated glass may also be used for extra security.

### PRODUCT INFORMATION:

<b>Thickness:</b>	35 mm (profile thickness)
<b>Weight per m<sup>2</sup>:</b>	25–40 kg/m <sup>2</sup> , depending on the type of glass used
<b>Height:</b>	Max 4000 mm
<b>Panel width:</b>	Min 400 mm / Max 1200 mm





# TKS MOVABLE GLASS WALL

**SYSTEM:** TKS anodized profile  
**FEATURES:** 10 mm tempered glass



▶▶  
**SYSTEM:** TKS anodized profile  
**FEATURES:** 10 mm tempered glass + decorative matte film

# VIN98/124

## DEMOUNTABLE PARTITION WALL SYSTEM

The Wallenium VIN98/124 system is a demountable partition wall system which is ideal for easily dividing spaces, especially a good solution for office demising walls.

The system is composed of a metal structure and pre-finished gypsum panels. The panels and structure can be easily disassembled and stored which makes it possible to reinstall. These walls are installed differently than regular drywall walls and are dust free.

The design, width and height of the demountable partition walls will be specifically manufactured in accordance with the designer or customer requirements.

### STRUCTURE

The VIN is composed of an inner metal structure which is composed of a bottom and top track, vertical posts and vertical end pieces. The top and bottom tracks are fastened to the ceiling and floor or can be installed using telescopic spring compressed posts which allows the wall to be installed between the ceiling and the floor without drilling holes. The walls are also insulated with batten for sound insulation.

The panels used for the VIN system are typically vinyl covered gypsum board. The wall can have a single layer of gypsum or two layers for better sound insulation. Also, as a special solution MDF panels can be used instead with a variety of finishes (available only with Omega-junction).

The panels are held in place by either special clips – so that only the joint between the panels stays visible which is a “V-junction” – or by a separate strip, in which case a white 40 mm Omega strip remains visible which is an “Omega junction”. In the case of the Omega-junction it can be filled with an infill piece or left as is.

To finish the perimeter of the wall, typically painted MDF trims are used but other solutions are also possible.

### SURFACE TREATMENT

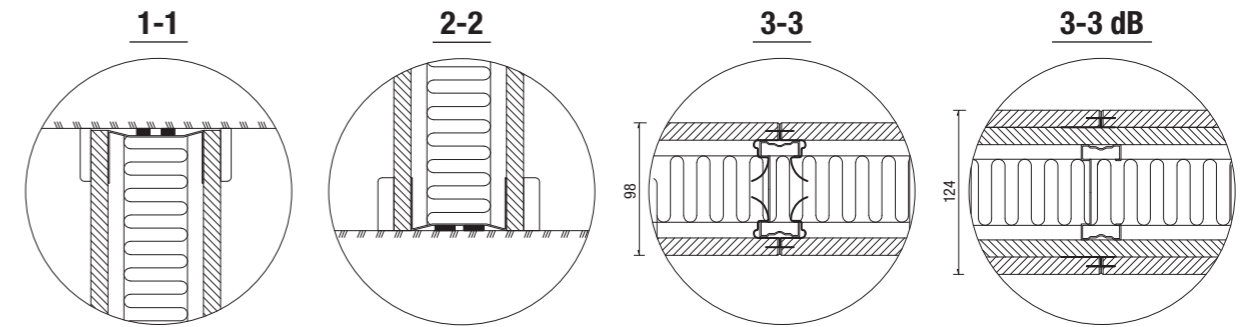
The VIN surface treatment is plasterboard covered with standard white vinyl wallpaper. Alternatively, wall coverings from the Durafort catalogue may also be selected.

As a special solution, other wall coverings such as veneer, melamine or laminate can also be used.

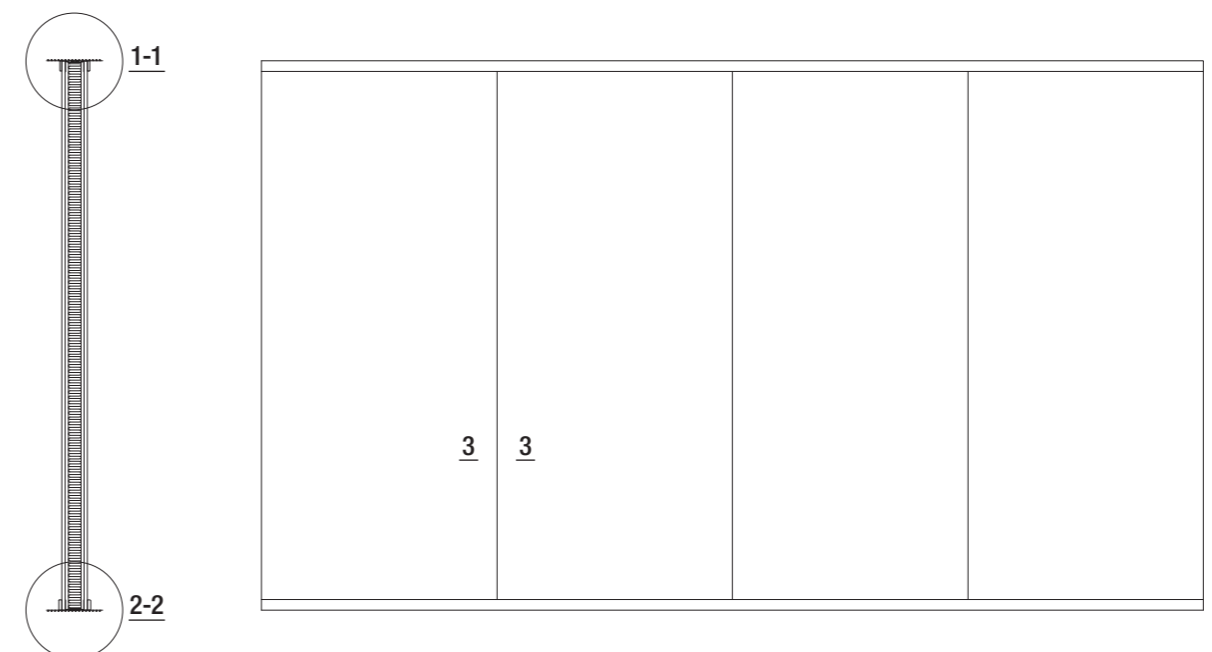
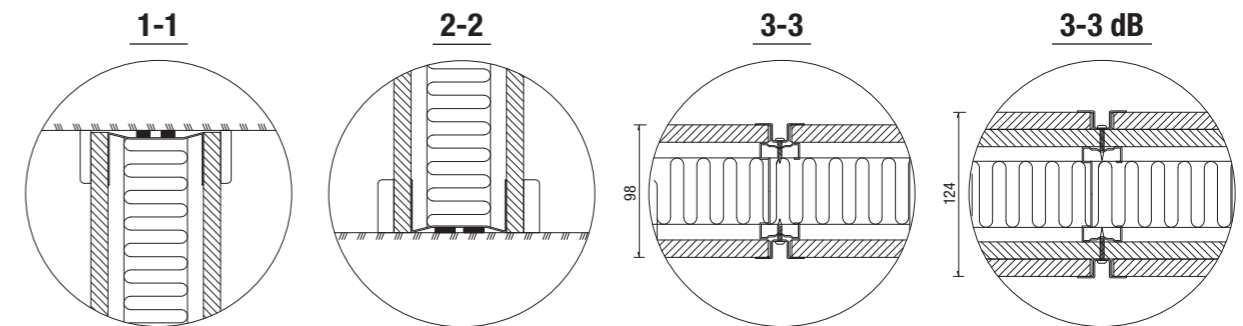
### PRODUCT INFORMATION:

- Thickness:** 98 mm (walls with enhanced sound insulation – 124 mm)
- Height:** Max 3300 mm (as a special solution walls can be made higher)
- Panel width:** Standard 900 mm (as special solution the width can be changed)
- Sound insulation:** Rw 44 dB and Rw 49 dB

## V-JUNCTION



## OMEGA JUNCTION





# VIN98/124

**SYSTEM:** VIN98 + VAL90 glass fronts  
**FEATURES:** Vinyl covered gypsum,  
Omega junction





**SYSTEM:** VIN98

**FEATURES:** Vinyl covered gypsum, V-junction



# REFERENCES

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- |                               |                                  |
|-------------------------------|----------------------------------|
| Addinol                       | Microsoft Finland                |
| Ahlsell                       | Nokia                            |
| Aktia Bank                    | Nordea Bank Estonia              |
| Alfa Romeo                    | Nordea Bank Finland              |
| Audi                          | Nordecon                         |
| Bank of Estonia               | Oracle                           |
| BLRT Group                    | Osuuspankki                      |
| BMW                           | Plaza Pilke Business Park        |
| Business Park Mankkaa         | Playtech                         |
| Coca-Cola                     | Porsche Tallinn                  |
| DTZ Real Estate               | Renault                          |
| Elcoteq                       | SEB Bank                         |
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| Elisa Estonia                 | Skanska                          |
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| Ergo Insurance                | Skype                            |
| Ernst & Young                 | Solaris Entertainment Center     |
| Estonian Energy               | Stoneridge Electronics           |
| Estonian National Opera House | Subaru                           |
| Estonian Rescue Service       | Swedbank                         |
| Europcar                      | Tallinn Airport                  |
| Falcon Business Park          | Tallinn Port                     |
| Fujitsu                       | Tallinn Song Festival Grounds    |
| GlaxoSmithKline               | Tallinn TV-Tower                 |
| Helsinki Courthouse           | Tallinn University               |
| Honda                         | Tallinn University of Technology |
| If Insurance                  | Tapiola                          |
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| Johnson & Johnson             | Tele2 Estonia                    |
| Konecranes                    | Tiilitie Trade Park              |
| KPMG                          | Toyota                           |
| Kuopio Tax Office             | UPM                              |
| Lindström                     | Volkswagen                       |
| Lunden Food                   | Volvo Bilia Olari                |
| Mercuri International         | Vopak EOS                        |

**SYSTEM:** MOD92 anodized aluminum  
**FEATURES:** 6 mm tempered glass

