

MOVABLE WALLS



The movable wall can be delivered with one or several doors with placement of your own choice. The doors can also be made in dimensions, so they meet existing accessibility requirements.

Movable walls – for large rooms with high sound requirements

Increase the flexibility at work with a movable wall solution from Winab. The movable wall is a splendid solution in spacious premises with high ceiling where at the same time the requirements for the sound environment also are high. The movable wall is smoothly removed in all directions and shape the space according to the user's demands. When the wall is not used, it is quickly and easily parked at an appropriate place inside or outside the room.

FLEXIBLE SOLUTIONS FOR ROOMS IN THE ROOM

The flexibility and the stable construction of the movable wall makes it suitable to use when shielding large premises in e.g. conference centers, schools, hotels, restaurants and other public environments where the business and need for space often changes.

With flexible movable walls solutions, new "rooms in the room" is quickly and easily created with sizes suitable for both larger and smaller groups.

MOVABLE WALLS GIVE A GOOD SOUND ENVIRONMENT

The construction of the movable wall also makes it a splendid alternative in environments that have high demands on sound requirements. The wall's insulation, surface layers and sealing against the floor and ceiling prevent spreading of sound from room to room which is an important feature in terms of working environment. Winab's movable walls are tested by Research Institutes of Sweden and sound rated with a sound reduction equivalent to R_w 41 to 52 dB.



5 steps towards an optimal movable wall

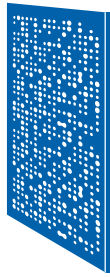
With modern technique and high flexibility, we can offer exactly the solutions our customers are looking for. A major part of our wall products is unique for the customer and customized to the customers wishes in terms of size, material and division of sections.



1

SOUND REDUCTION

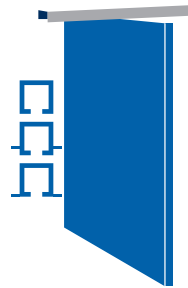
Think about the sound reduction and what requirements it imposes.



2

DESIGN / MATERIAL

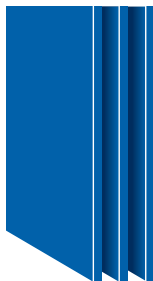
Choose the look.
The walls are found in lots of different materials and colors.



3

CEILING TRACK

How shall the ceiling track be mounted in relation to the ceiling?
We offer three alternatives.



4

PARKING

How do you want the wall to be parked?
The walls are offered hanged as 1 or 2 points.



5

EXTRA CHOICES

Customize the walls with extra choices such as
for instance windows, fabric or whiteboard.



1 Sound reduction

The movable wall's construction and generous insulation makes it a great alternative for shielding of rooms in environments with high demands on sound requirements. Our movable walls give a sound reduction of up to R_w 52 dB.

A WALL ADAPTED TO THE SOUND REQUIREMENTS

The perception of sound is indeed individual. What is barely noticed by some is experienced as disturbing and annoying by others. Under sound reductions there are provided general guidelines to keep in mind when you create the specification of demands for your movable wall.

The sound environment is affected by the size and shape of the room, the activity in the room but also the acoustic capabilities in the surrounding floor, ceiling and walls.

The sound capabilities of the wall are regulated by material, thickness, weight and surface texture, but also by size and the way it is hanged.

Winab's movable walls have a thickness of 85-110 mm and weigh 26-63 kg. The walls are made of aluminum profiles covered with surface treated panels, an insulation in between as well as sound reducing material. The surface texture is decided based on sound requirement and esthetical purposes.

IMPROVE THE SOUND ENVIRONMENT IN THE ROOM

The acoustics in the room is decided by how the sound "bounces" between walls, floor and ceiling. By controlling how the sound is moving, you can improve the sound environment.

Our Quiet Solutions program contains clever, esthetically appealing sound absorbents with very good acoustic abilities. Attractive panels in well thought through module system which offers great possibilities for tailormade solutions. The panels are easy to install and can be combined according to your own liking and taste. The products are tested by Research Institutes of Sweden AB with very good results.

TESTED AND RATED

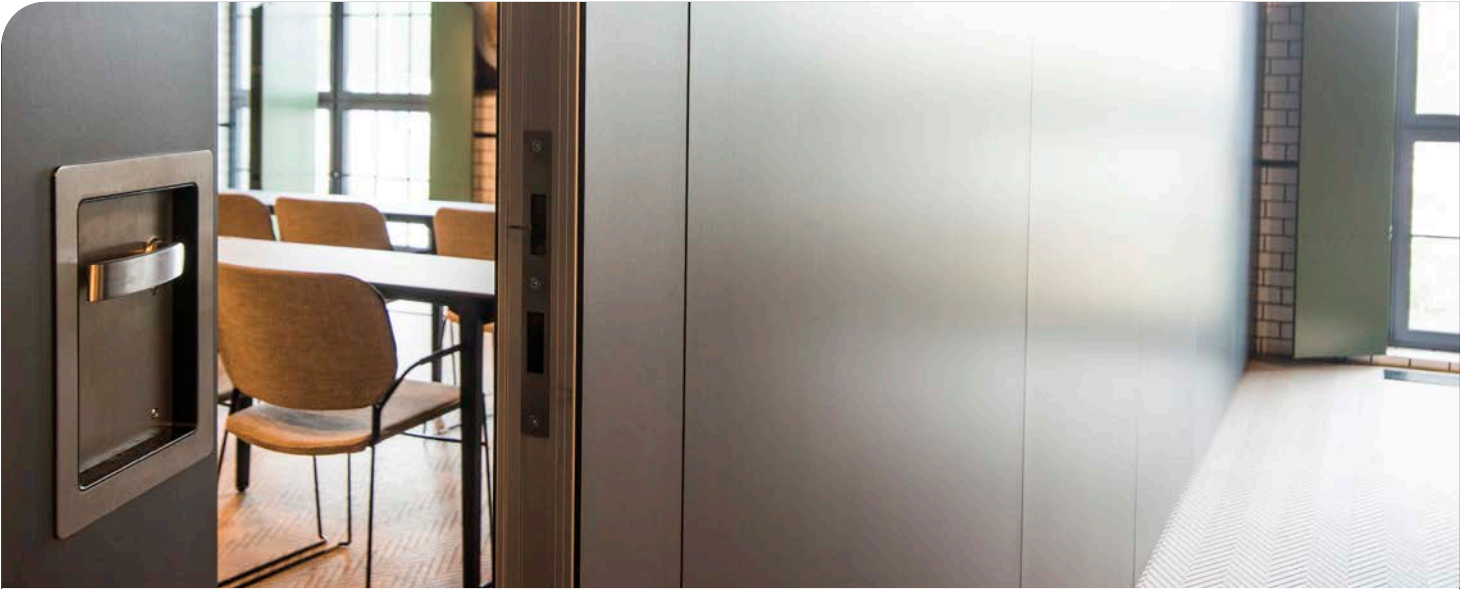
Winab's movable walls are tested by Research Institutes of Sweden AB and rated according to applicable norms.



ISO 11654		
Product	Absorption class	aw
Wall 'Quiet Solution'	D	0,3 (MH)
The intrinsic value of the sound blanket	B	0,8 (MH)



Winab's "Quiet Solutions" is available for all of Winab's movable walls and Winab Folding walls.



2

Design / Material

In order to make the moveable walls blend in with the interior and area of use, we offer several alternatives for the surface of the wall. Let us get some examples of the colors and materials that we are offering.

LAMINATE

High-pressure laminate is a thin, impact-resistant disc with a long service life that is pressed onto a load-bearing disc. Offered in a wide range of colors and textures and can be used for all wall types, sound values and variants.

MELAMINE

The melamine consists of décor paper treated with varnish, sometimes with natural fibers or cellulose for increased durability.

Workmanship standard melamine

		
H1298 ST22 Sand Lyon Ash	H3840 ST9 Natural Mandal Maple	H3157 ST12 Vicenza Oak
		
U999 ST2 Black	U961 ST2 Graphite Grey	U708 ST9 Light Grey
		
W911 SM White Cream White smooth	W1000 ST9 Premium White	

veneer

Veneer is a thin layer of wood that is applied to a load-bearing panel board. The veneer gives a luxurious and natural feel.

FIREWALL

For environments that place extra demands on fire safety, WINAB has developed fire-rated movable walls, certified according to European standards. Offered in fire class EI-30 and EI-60.

PAINTED SURFACE

Factory-painted moveable walls are offered in all NCS colors as well as in RAL and other color code systems. The factory-painted wall is easily adaptable to your environment and is an affordable option. Factory painted walls are easy to keep clean, adapt to the existing room environment and can easily be repainted as trends change.

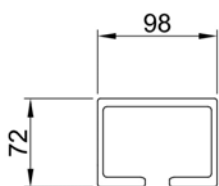
GLASS

With glass in your movable wall, the feeling of an open floor plan is combined with opportunities for privacy and a functioning sound environment.

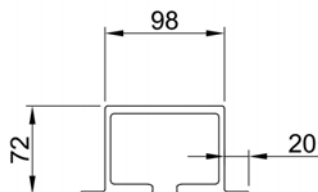
FABRIC

With decorative fabric areas, the movable wall can be given an appearance adapted to the room environment. The sound-absorbing properties of the fabric improve at the same time the acoustics of the premises. Our moveable walls come with any standard fabric in 100% polyester with a back-light absorber in 100% recycled polyester. The standard fabrics can be vacuum-cleaned and washed or wiped with a slightly damp cloth.

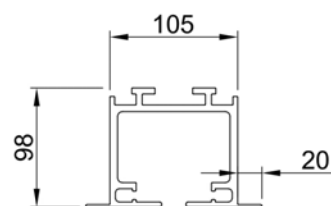
3 Tracks



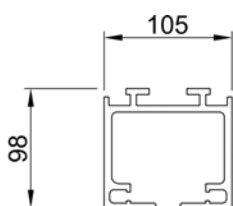
Standard track.



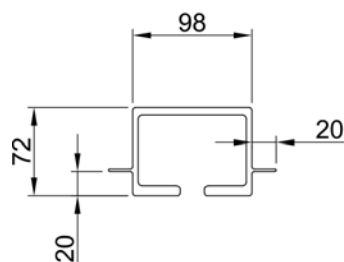
Track with suspended ceiling flange.



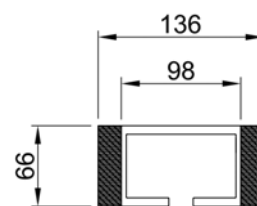
Reinforced track with suspended ceiling flange.



Reinforced track.
For high and heavy walls.

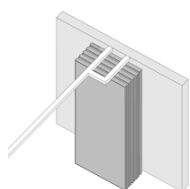


Track with flange in the center. Recommended for 1 point
where track should be recessed into suspended ceilings.

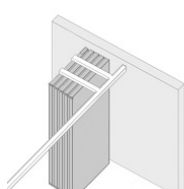


Steel track for moveable walls EI30
and EI60. With fire lining of MDF.

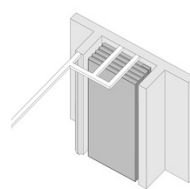
4 Parking



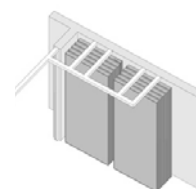
K1



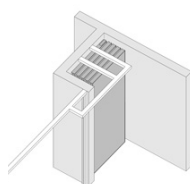
K2



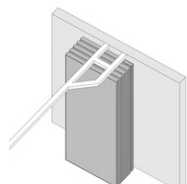
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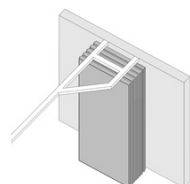
K5



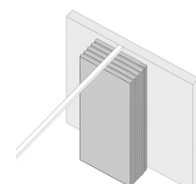
K6



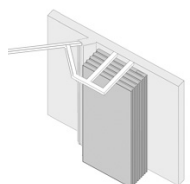
Z1



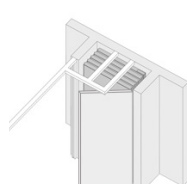
Z2



E1



SPECIAL

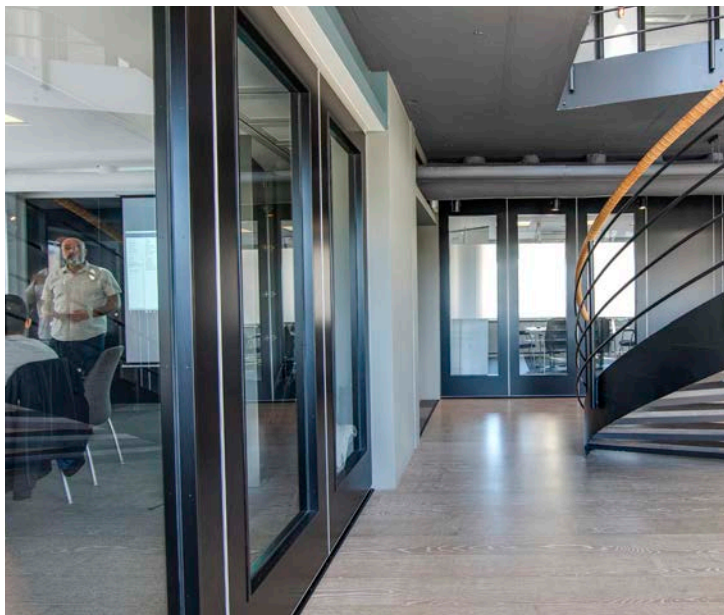


NICHE DOORS

SCAN ME

Read more about parking at winab.se





5

Extra choices

With the help of smart and appropriate options, Winab's moveable walls can be developed in regard to function and design.

POWDER COATING

Profiles, track and handles can be powder coated in any RAL color.

DOUBLE DOORS

Doors are also available as a double door.

LOCK

As an extra option, electronic lock, type wing card, is offered.

RECESSED GLASS

A wall with recessed glass gives an architectural boost to interior environments. The glass provides space and an attractive overall impression and not least opportunities to take advantage of the light from the outer environment or nearby premises.

Glass is a resilient and durable material that is easy to keep clean. The material also meets the guidelines on sustainability as it is fully recyclable.

The placement options are many. Divide a part at the far end of the room while maintaining light inflow and use the extra room for group work or individual conversations. Divide the large classroom into two parts and keep an eye on both half classes.

Movable walls with recessed glass provide an attractive and modern environment in offices, schools or other public environments. Movable walls with recessed glass offer the same high flexibility as our movable walls in general.

The area of use and the purpose of the wall control the choice of glass. Our program includes clear transparent glass, stained glass with slats, glass with screen printing or frosted glass, but also daring options such as blasted glass.



CONFIGURATION



PRODUCT OPTIONS

Sound rating	41 dB / 44 dB / 46 dB / 48 dB / 50 dB / 52 dB
Profile	Visible / Hidden / Natural anodized / Optional RAL color
Jambs	As panel / Optional surface layer
Head track	RAL 9010 / Optional RAL color
Surface	Melamine / Laminate / Painted / Veneer / Special
Handle	Stainless steel / Optional RAL color
Edging	As panel / Optional surface layer

Shape the moveable wall based on your conditions

Moveable walls are an excellent option in large premises with high ceilings, where at the same time the requirements for the sound environment are high. The moveable wall panels move smoothly in different directions, forming spaces adapted to the users requirements.





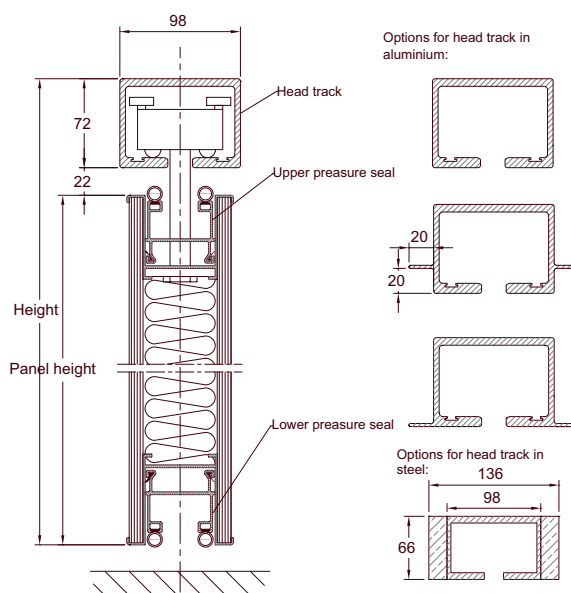
Preparing for installation

MOVEABLE WALL

The movable wall consists of panels hanging in a carrier track. The panels are clamped between the carrier track and the floor.

Floor track does not occur. The moveable wall can be one-point or two-point suspended with 1 or 2 pcs carrying carts.

At 2-point suspended walls, garages are offered. A 1-point suspended wall on the other hand, is mounted without a garage.



Specifications	Standard		Standard Hidden Profiles	Special	Fire class	
dB	41-50		41-50	52	EI 30	EI60
Dimensions						
Thickness, etc.	80	88	96-102	100	102	114
Weight/m² kg	26-40	26-40	30-52	51	55	62
Section width Min/Max mm	400-600	600-1250	400-600	400-1200	400-1200	400-1200
Telescopic panel (locking)	580-1250	580-1250	580-1250	750-1200	750-1200	750-1200
Height mm	> 3000	> 6000	> 3000			
Attachment 1 point	x	x	x			
Attachment 2 point	x	x	x	x	x	x
Paint/surface treatment	According to wishes	According to wishes	According to wishes	According to wishes	According to wishes	According to wishes

(excluding track and mounting details)



FOLDING WALLS

The folding wall is a quick and effective solution in environments where the need for space often varies.



GLASS FOLDING WALLS

The glass folding wall combines flexible room division with an open impression and generous inflow of light.



MOVEABLE WALLS

The flexibility and stable construction of the ceiling-hung moveable wall make it suitable in large premises with high noise requirements.



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MOVABLE WALLS - MADE IN SWEDEN