





- MANUAL
- EXCHANGEABLE GLASS
- SOUND INSULATION FROM 44DB
- EXTRANARROW ALUMINUM FRAME 88MM TOP/BOTTOM 38MM LEFT/RIGHT

#### Dimensions

115					
840 - 1300					
3000 3500					
Construction					
Tempered Glass / Laminated Glass					
Electrically controlled blinds, Magic Glass, Frosted Glass					
Complementary geometry aluminium profiles (Positive - Negative)					
	3000  Tempered Glass Electrically controlled Froster Complement				

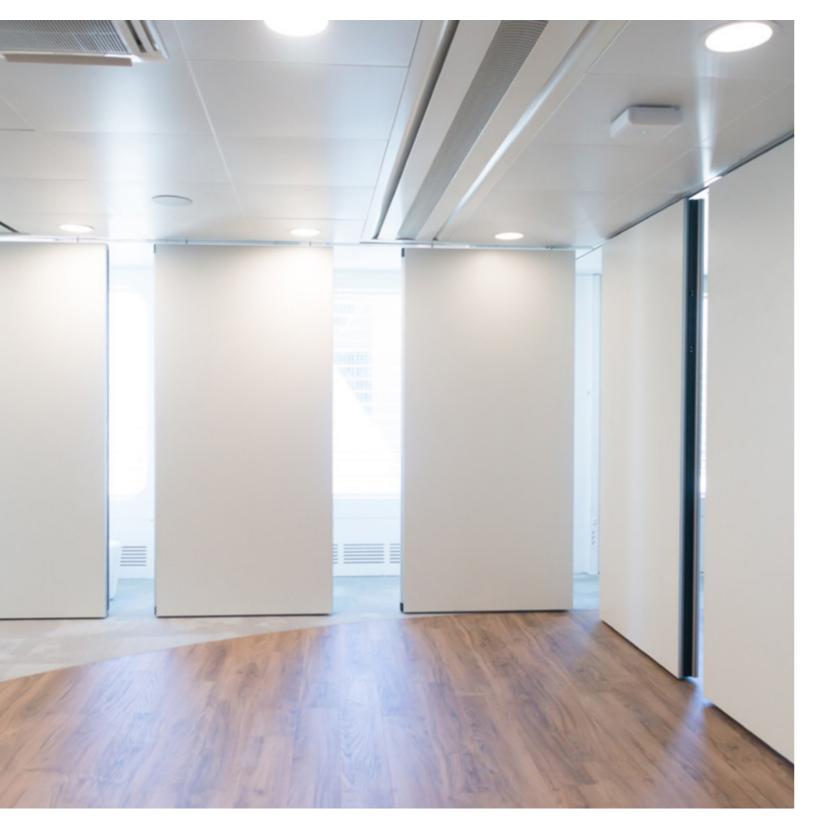


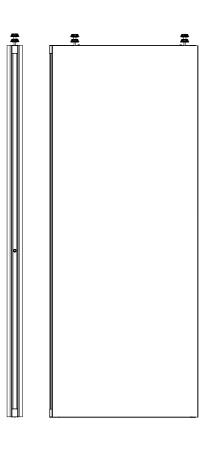
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## STANDARD PANEL

## **ALMA PANELS** STANDARD PANEL





#### Technical data

recriffical data				
Dimensions				
Thickness in mm	116	122	134	
Width in mm		840 - 1300		
Height in mm (max.)		11000		
Construction				
Finishes		MFC/MDF/H	PL	
Element connections	Complementary geometry aluminium profiles (Positive - Negative)			
Operation				
Manual	•			
Semi-automatic	0			
Full automatic	0			
Suspension	Monodir	Monodirectional / Multidirectional		
Technical features	Rw (dB)	De	ensity (kg/m²)	
	42		39	
	44		40	
Soundproofing	47		45	
to ISO 10140-2:2010*	50		50	

\* Laboratory rate. In the Fully Automatic System, there is a need to have a segmented panel with a minimum height of 460mm.

Standard equipment

55

58

Option



#### **FULL AUTOMATIC**

Our fully automatic i-Core system allows the user to position the wall automatically then lock and seal the panels quickly and safely by way of an electronic key-switch. Each panel is driven electrically along the track and contains a wireless two-way control unit which the master control is able to identify & communicate with. This allows the user to program such things as speed of closure and configuration as well as protecting the system in the event of power interruption. Battery back-up is supplied as standard.



#### SEMI-AUTOMATIC

Our semi-automatic E-Lock system allows the user to fully lock the panels quickly and safely after positioning by way of an electronic key-switch. This allows the wall to automatically seal at the top and bottom to lock it from movement and to insulate it acoustically. The system runs by way of a quick-action worm screw driven by a 24v actuator powered by a protected power supply (certified fully for safety) battery back-up can be supplied for use in case of a cut in mains electricity.

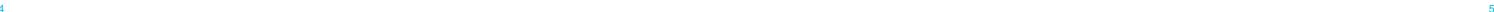


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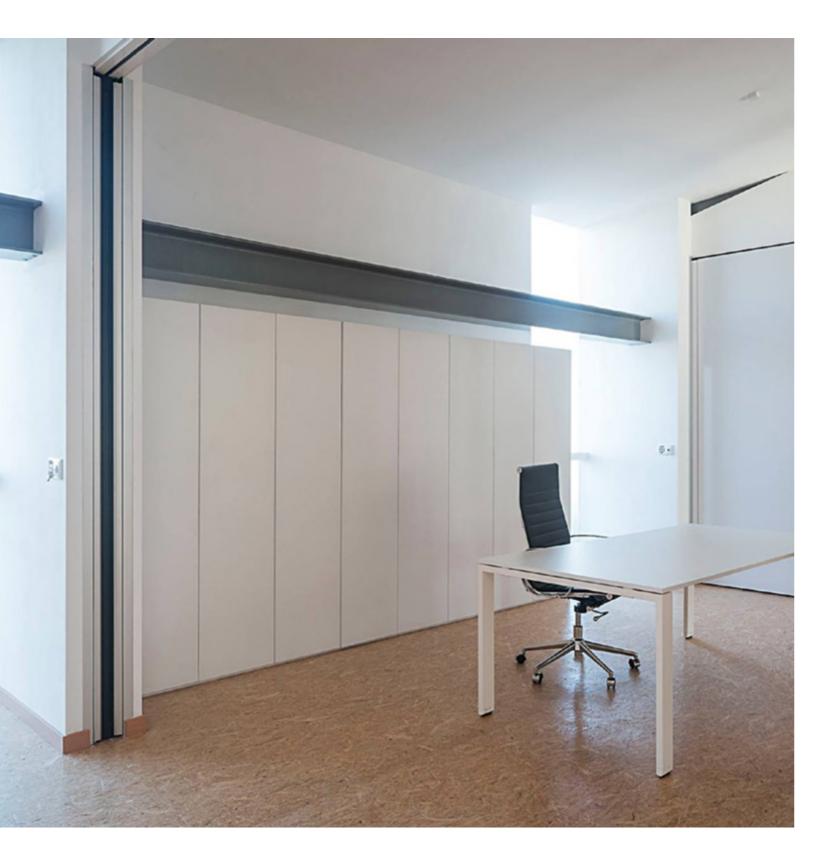
#### MANUAL

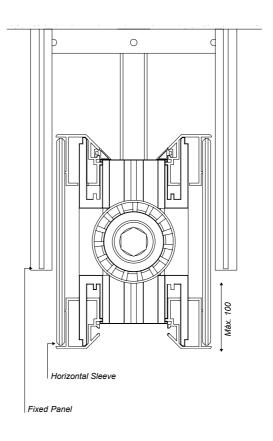
Our Quick-Lock system allows the user to lock the panels quickly and safely after positioning. A simple half-turn of the handle seals the wall at the top and bottom to lock it from movement and to insulate it acoustically.



## FIXED TELESCOPIC JAMB

## **ALMA PANELS** FIXED TELESCOPIC JAMB





#### Technical data

#### **Dimensions**

Thickness in mm	116	122	134	
Width in mm		840 - 1300		
Height in mm (max.)		11000		
Construction				
Finishes	MFC/MDF/	HPL, Metal finishin	g, Plasterboard	
Element connections		Complementary geometry aluminium profiles (Positive - Negative)		
Operation				
Manual		•		
Semi-automatic		0		
Full automatic	0			
Suspension	Monod	irectional / Multidire	ectional	
Technical features	Rw (dB) Density (kg/m²			
	42		39	
	44		40	
Soundproofing to ISO 10140-2:2010*	47		45	
	50		50	
	54		55	
	57		58	

\* Laboratory rate. In the Fully Automatic System, there is a need to have a segmented panel with a minimum height of 460mm.

 Standard equipment Option



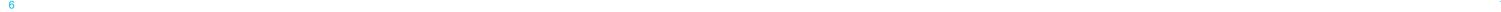
#### **FULL AUTOMATIC**

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#### SEMI-AUTOMATIC

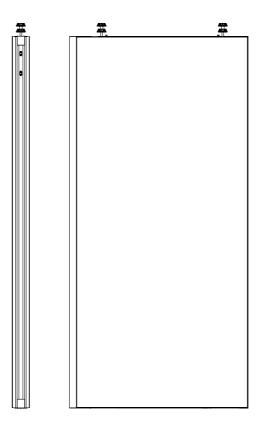
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## **TELESCOPIC**







#### Technical data

116	122	134	
	840 - 1300		
	11000		
	MFC/MDF/HF	PL	
Complementary geometry aluminium profiles (Positive - Negative)			
	•		
0			
0			
Monodii	ectional / Multid	irectional	
Rw (dB) Density (kg/n			
42		39	
44		40	
47		45	
50		50	
54		55	
57		58	
	Monodin Rw (dB) 42 44 47 50 54	MFC/MDF/HF Complementary geo aluminium profiles (Positive  Monodirectional / Multid Rw (dB) De 42 44 47 50 54	

Standard equipment





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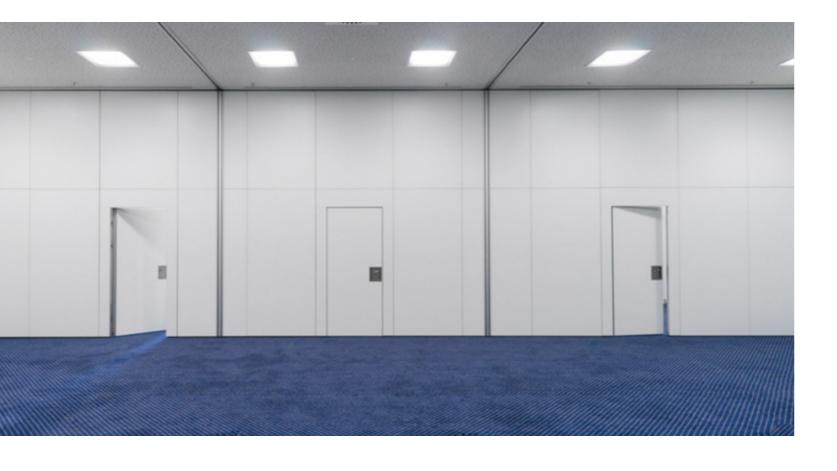
#### MANUAL

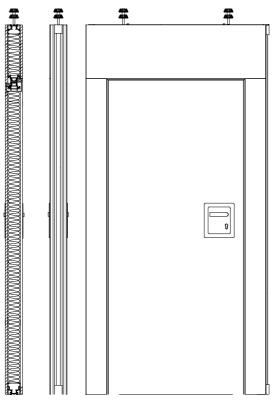
Our Quick-Lock system allows the user to lock the panels quickly and safely after positioning. A simple half-turn of the handle seals the wall at the top and bottom to lock it from movement and to insulate it acoustically.

<sup>\*</sup> Laboratory rate. In the Fully Automatic System, there is a need to have a segmented panel with a minimum height of 460mm.

## SINGLE INSET PASSDOOR

### **ALMA PANELS** SINGLE INSET PASSDOOR





#### Technical data

Soundproofing

to ISO 10140-2:2010\*

recrimical data				
Dimensions				
Thickness in mm	116	122	134	
Width in mm	850 / 900			
Height in mm (max.)		11000		
Width door panel in mm		1200 / 1250		
Construction				
Finishes	MFC/MDF/HPL			
Element connections		Complementary geometry aluminium profiles (Positive - Negative)		
Operation				
Manual		•		
Semi-automatic		0		
Full automatic		0		
Suspension	Monodi	Monodirectional / Multidirectional		
Technical features	Rw (dB) Density (kg/m²			

\* Laboratory rate. In the Fully Automatic System, there is a need to have a segmented panel with a minimum height of 460mm Standard equipment

39

40

45

Option



#### **FRAME & HANDLES**

Our inset pass doors are recognized as the most advanced design in the market. All our handles are manufactured in Germany from high-grade stainless steel to exacting standards. Choose a flush handle for solid doors required in areas allowing no protrusion or a pull handle for glazed doors and solid doors in less demanding environments.



#### **HINGE SYSTEM**

Our innovative concealed hinge allows full adjustment of the door in three dimensions. The Simonswerk hinge system offers superior engineering and quality with clean aesthetics unmatched by any other manufacturer.



#### **CONTROL DETAILS**

Low voltage electrical contacts are housed in our proprietary concave/convex aluminum profiles that guarantee ease of operation and an uninterrupted and safe electrical flow between the panels. The door is equipped with a pressure seal at the bottom, which extends automatically during the closing action of the door.



#### **FULL AUTOMATIC**

Our fully automatic i-Core system allows the user to position the wall automatically then lock and seal the panels quickly and safely by way of an electronic key-switch. Each panel is driven electrically along the track and contains a wireless two-way control unit which the master control is able to identify & communicate with. This allows the user to program such things as speed of closure and configuration as well as protecting the system in the event of power interruption. Battery back-up is supplied as standard.



#### **SEMI-AUTOMATIC**

Our semi-automatic E-Lock system allows the user to fully lock the panels quickly and safely after positioning by way of an electronic key-switch. This allows the wall to automatically seal at the top and bottom to lock it from movement and to insulate it acoustically. The system runs by way of a quick-action worm screw driven by a 24v actuator powered by a protected power supply (certified fully for safety) battery back-up can be supplied for use in case of a cut in mains electricity.



42

44

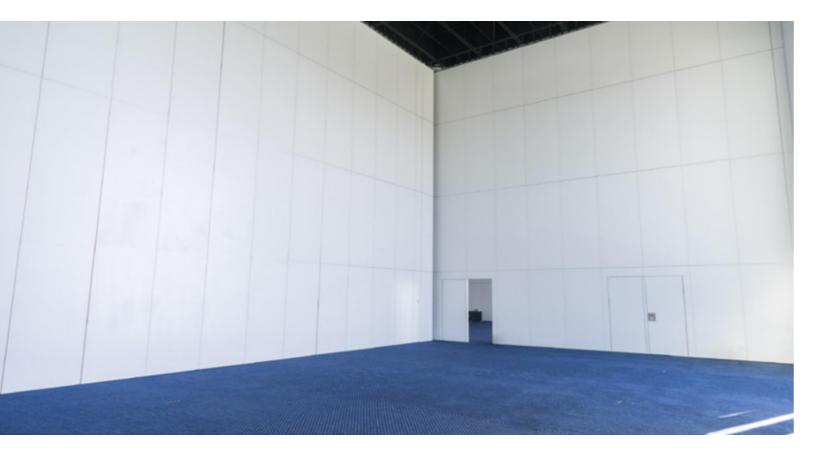
46

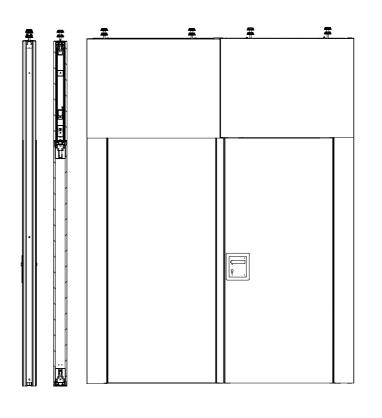
#### MANUAL

Our Quick-Lock system allows the user to lock the panels quickly and safely after positioning. A simple half-turn of the handle seals the wall at the top and bottom to lock it from movement and to insulate it acoustically.

## DOUBLE INSET PASSDOOR

### **ALMA PANELS DOUBLE INSET PASSDOOR**





## Technical data

recillical data					
Dimensions					
Thickness in mm	116 122 134				
Width in mm		850 / 9	900		
Height in mm (max.)		1100	00		
Width door panel in mm		1200 /	1250		
Construction					
Finishes		MFC/M	IDF/HPL		
Element connections	Complementary geometry aluminium profiles (Positive - Negative)				
Operation					
Manual	•				
Semi-automatic	0				
Full automatic	0				
Suspension	Monodire	ctional /	Multidirectional		
Technical features	Rw (dE	3)	Density (kg/m²)		
	42		39		
	44		40		
Soundproofing to ISO 10140-2:2010*	47		45		
	50		50		
	54		55		
	57		58		

- Standard equipment
- \* Laboratory rate. In the Fully Automatic System, there is a need to have a segmented panel with a minimum height of 460mm



#### **FRAME & HANDLES**

Our inset pass doors are recognized as the most advanced design in the market. All our handles are manufactured in Germany from high-grade stainless steel to exacting standards. Choose a flush handle for solid doors required in areas allowing no protrusion or a pull handle for glazed doors and solid doors in less demanding environments.



#### HINGE SYSTEM

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#### **CONTROL DETAILS**

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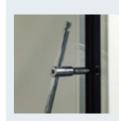
#### **FULL AUTOMATIC**

Our fully automatic i-Core system allows the user to position the wall automatically then lock and seal the panels quickly and safely by way of an electronic key-switch. Each panel is driven electrically along the track and contains a wireless two-way control unit which the master control is able to identify & communicate with. This allows the user to program such things as speed of closure and configuration as well as protecting the system in the event of power interruption. Battery back-up is supplied as standard.



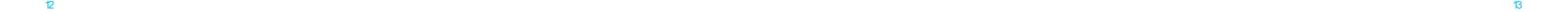
#### **SEMI-AUTOMATIC**

Our semi-automatic E-Lock system allows the user to fully lock the panels quickly and safely after positioning by way of an electronic key-switch. This allows the wall to automatically seal at the top and bottom to lock it from movement and to insulate it acoustically. The system runs by way of a quick-action worm screw driven by a 24v actuator powered by a protected power supply (certified fully for safety) battery back-up can be supplied for use in case of a cut in mains electricity.



#### MANUAL

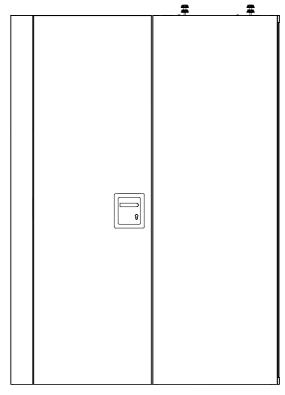
Our Quick-Lock system allows the user to lock the panels quickly and safely after positioning. A simple half-turn of the handle seals the wall at the top and bottom to lock it from movement and to insulate it acoustically.



## FULL-HEIGHT PASSDOOR

## **ALMA PANELS** FULL-HEIGHT PASSDOOR





Dimensions				
Thickness in mm	116	122	134	
Width in mm		1050		
Height in mm (max.)		4000		
Construction				
Finishes		MFC/MDF/H	HPL	
Element connections		Complementary geometry aluminium profiles (Positive - Negative		
Operation				
Manual		•		
Semi-automatic	0			
Full automatic		0		
Suspension	Monodire	Monodirectional / Multidirectional		
Technical features	Rw (dB)	С	Density (kg/m²)	
	42		39	
	44		40	
Soundproofing	47		45	
to ISO 10140-2:2010*	50		50	

54

57

Technical data

- \* Laboratory rate. In the Fully Automatic System, there is a need
- Standard equipment Option

55

58

to have a segmented panel with a minimum height of 460mm.



#### FRAME & HANDLES

Our inset pass doors are recognized as the most advanced design in the market. All our handles are manufactured in Germany from high-grade stainless steel to exacting standards. Choose a flush handle for solid doors required in areas allowing no protrusion or a pull handle for glazed doors and solid doors in less demanding environments.



#### HINGE SYSTEM

Our innovative concealed hinge allows full adjustment of the door in three dimensions. The Simonswerk hinge system offers superior engineering and quality with clean aesthetics unmatched by any other manufacturer.



#### **CONTROL DETAILS**

Low voltage electrical contacts are housed in our proprietary concave/convex aluminum profiles that guarantee ease of operation and an uninterrupted and safe electrical flow between the panels. The door is equipped with a pressure seal at the bottom, which extends automatically during the closing action of the door.



#### **SEMI-AUTOMATIC**

Our semi-automatic E-Lock system allows the user to fully lock the panels quickly and safely after positioning by way of an electronic key-switch. This allows the wall to automatically seal at the top and bottom to lock it from movement and to insulate it acoustically. The system runs by way of a quick-action worm screw driven by a 24v actuator powered by a protected power



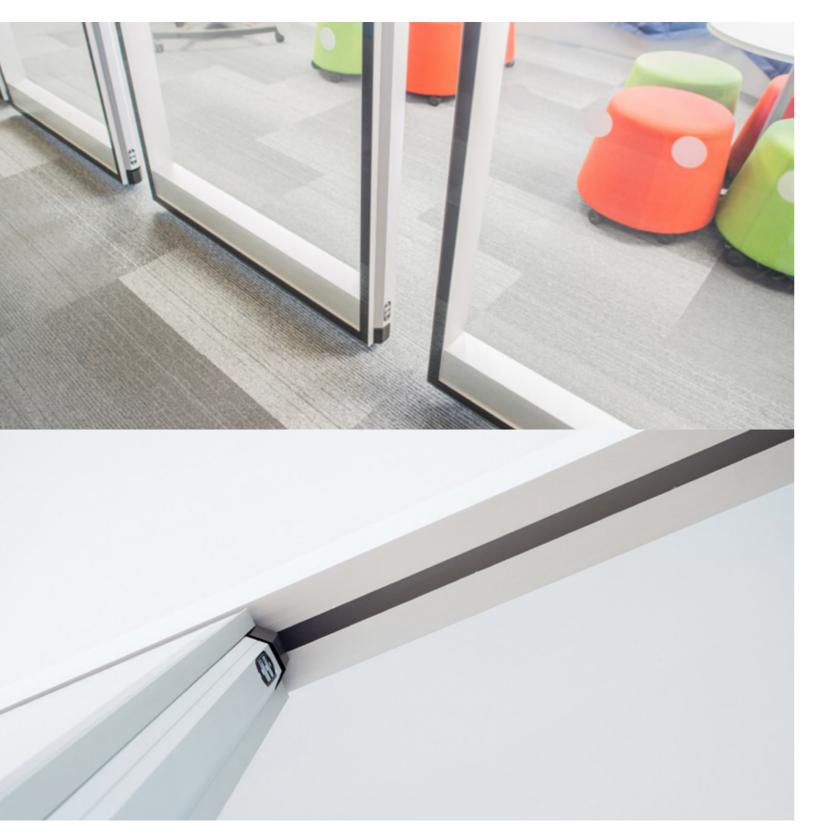
#### MANUAL

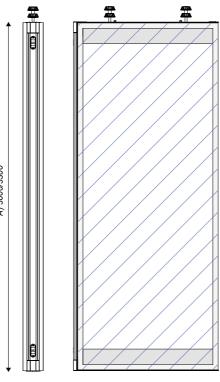
Our Quick-Lock system allows the user to lock the panels quickly and safely after positioning. A simple half-turn of the handle seals the wall at the top and bottom to lock it from movement and to insulate it acoustically.



## **AQUA PANELS GLAZED PANEL**

## **AQUA PANELS GLAZED PANEL**





¥	ЩЩ		
B) 4500		VAR 2	
	CITE CITE	WAR 1	

## Technical data

Dimensions				
Thickness in mm	115	119		
Width in mm	840 -	840 - 1300		
Height in mm (máx.)	A) 3000 / 3300	B) 4500		
Construction				
Glazing	Tempered Glass	/Laminated Glass		
Extras		Electrically controlled blinds, Magic Glass, Frosted Glass		
Element connections		Complementary geometry aluminium profiles (Positive - Negative)		
Frame profile				
Black/White	•	•		
Others		0		
Equipment details				
Semi-automatic		•		
Full automatic	C			
Suspension	Monodirectional	/ Multidirectional		
Technical specifications	Rw (dB)	Density (kg/m²)		
Sound insulation according	44	39		
to ISO 10140-2:2010 standard*	49	48		

\* Laboratory rate. In the Fully Automatic System, there is a need to have a segmented panel with a minimum height of 460mm.

 Standard equipment Option









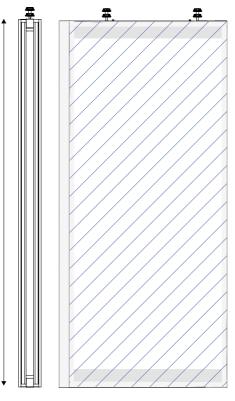
Our semi-automatic E-Lock system allows the user to fully lock the panels quickly and safely after positioning by way of an electronic key-switch. This allows the wall to automatically seal at the top and bottom to lock it from movement and to insulate it acoustically. The system runs by way of a quick-action worm screw driven by a 24v actuator powered by a protected power supply (certified fully for safety) battery back-up can be supplied for use in case of a cut in mains electricity.

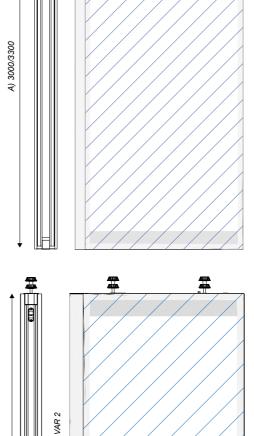
#### **FULL AUTOMATIC**

Our fully automatic i-Core system allows the user to position the wall automatically then lock and seal the panels quickly and safely by way of an electronic key-switch. Each panel is driven electrically along the track and contains a wireless two-way control unit which the master control is able to identify & communicate with. This allows the user to program such things as speed of closure and configuration as well as protecting the system in the event of power interruption. Battery back-up is supplied as standard.

### **AQUA PANELS TELESCOPIC**









#### 115 119 840 - 1300 Height in mm (máx.) A) 3000 / 3300 B) 4500 Tempered Glass / Laminated Glass Electrically controlled blinds, Magic Glass, Frosted Glass Complementary geometry aluminium profiles (Positive - Negative) Element connections Black/White Others Equipment details Semi-automatic Full automatic Suspension Monodirectional / Multidirectional Technical specifications Rw (dB) Density (kg/m²) 39 Sound insulation according to ISO 10140-2:2010 standard\* 44 49 48

\* Laboratory rate. In the Fully Automatic System, there is a need to have a segmented panel with a minimum height of 460mm.

 Standard equipment Option









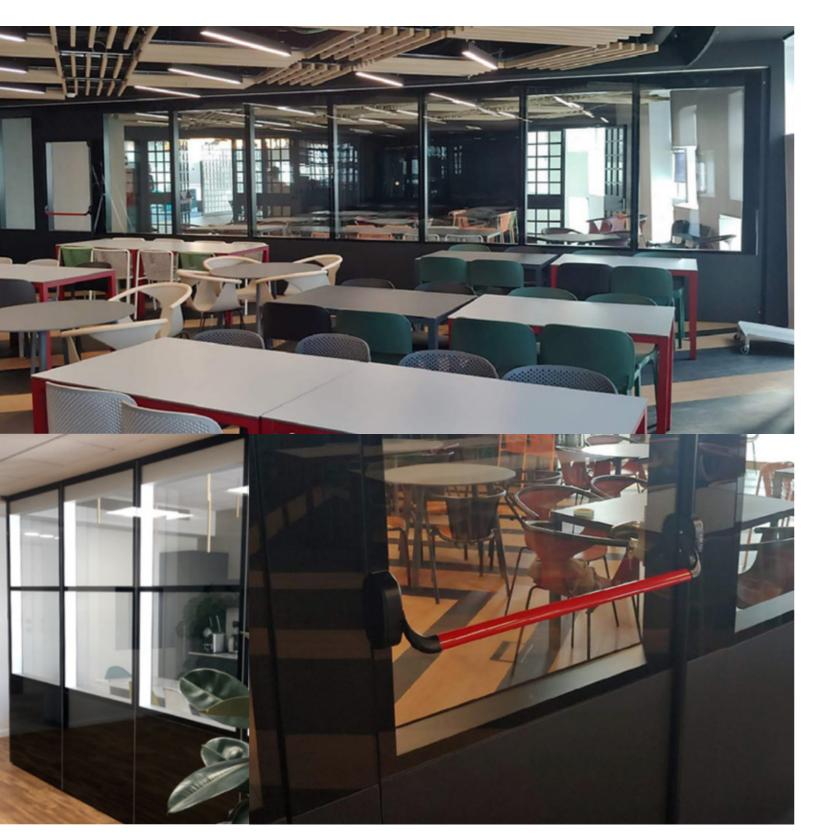
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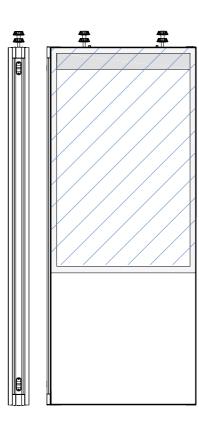
#### **FULL AUTOMATIC**

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of a cut in mains electricity.

# AQUA PANELS MULTI





#### Technical data

Dimensions					
Thickness in mm	115	119			
Width in mm	840 - 1300				
Height in mm (máx )	3000	3500			

Height in mm (máx.)	3000	3500
Construction		
Possibility to alter	nate solid and glass coveri	ings
Glazing	Tempered Glass / Laminated Glass	
Extras	Electrically controlled blinds, Magic Glass, Frosted Glass	
Element connections	Complementary geometry aluminium profiles (Positive - Negative)	
Aluminum paint		
Anodized	•	
Black / White / Others	0	
Frame profile		
Black/White	•	)
Others	0	
Equipment details		
Semi-automatic		
Full automatic	0	
Suspension	Monodirectional / Multidirectional	
Technical specifications	Rw (dB)	Density (kg/m²)
Sound insulation according to ISO 10140-2:2010 standard*	44	39
	49	48

\* Laboratory rate. In the Fully Automatic System, there is a need to have a segmented panel with a minimum height of 460mm. Standard equipmentOption



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#### SEMI-AUTOMATIC

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#### NOTE

This template can be used in the following options:

.Telescopic

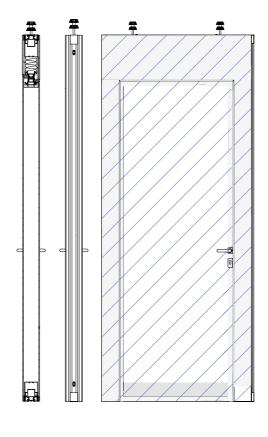
.Full-height passdoor

.Single inset passdoor

## SINGLE INSET PASSDOOR

## AQUA PANELS SINGLE INSET PASSDOOR





#### Dimensions 115 Thickness in mm 119 Width in mm 850 / 900 Height in mm (máx.) 3000 / 4500 Width door panal in mm 1200 / 1250 Construction Glazing Tempered Glass / Laminated Glass Electrically controlled blinds, Magic Glass, Extras Frosted Glass Complementary geometry Element connections aluminium profiles (Positive - Negative) Frame profile Black/White Others Equipment details Semi-automatic Full automatic Monodirectional / Multidirectional Suspension

\* Laboratory rate.

Technical specifications

Sound insulation according to ISO 10140-2:2010 standard\*

Technical data

- In the Fully Automatic System, there is a need to have a segmented panel with a minimum height of 460mm
- Standard equipment
   Option

Density (kg/m<sup>2</sup>)

39

48



#### **FRAME & HANDLES**

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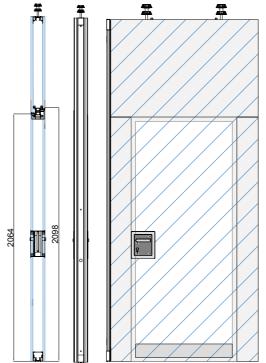
#### HINGE SYSTEM

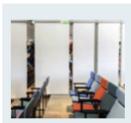
Our innovative concealed hinge allows full adjustment of the door in three dimensions. The Simonswerk hinge system offers superior engineering and quality with clean aesthetics unmatched by any other manufacturer.



#### **CONTROL DETAILS**

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Rw (dB)

44

49

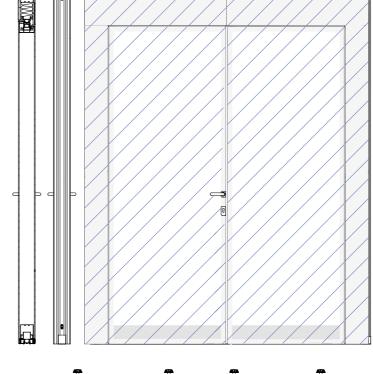


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## **DOUBLE INSET PASSDOOR**

# AQUA PANELS DOUBLE INSET PASSDOOR





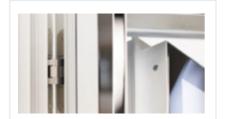
#### Technical data **Dimensions** Thickness in mm 115 119 840 - 1300 Width in mm Height in mm (máx.) 3000 / 4500 1200/1250 Width door panel in mm Construction Glazing Tempered Glass / Laminated Glass Electrically controlled blinds, Extras Magic Glass, Frosted Glass Complementary geometry aluminium profiles (Positive - Negative) Element connections Frame profile Black/White Others **Equipment details** Semi-automatic Full automatic Monodirectional / Multidirectional Suspension **Technical specifications** Rw (dB) Density (kg/m²) 44 39 Sound insulation according to ISO 10140-2:2010 standard\* 49 48

- \*Laboratory rate. In the Fully Automatic System, there is a need to have a segmented panel with a minimum height of 460mm.
- Standard equipmentOption



#### **FRAME & HANDLES**

Our inset pass doors are recognized as the most advanced design in the market. All our handles are manufactured in Germany from high-grade stainless steel to exacting standards. Choose a flush handle for solid doors required in areas allowing no protrusion or a pull handle for glazed doors and solid doors in less demanding environments.



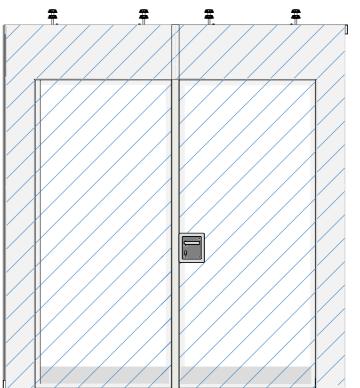
#### HINGE SYSTEM

Our innovative concealed hinge allows full adjustment of the door in three dimensions. The Simonswerk hinge system offers superior engineering and quality with clean aesthetics unmatched by any other manufacturer.



#### **CONTROL DETAILS**

Low voltage electrical contacts are housed in our proprietary concave/convex aluminum profiles that guarantee ease of operation and an uninterrupted and safe electrical flow between the panels. The door is equipped with a pressure seal at the bottom, which extends automatically during the closing action of the door.







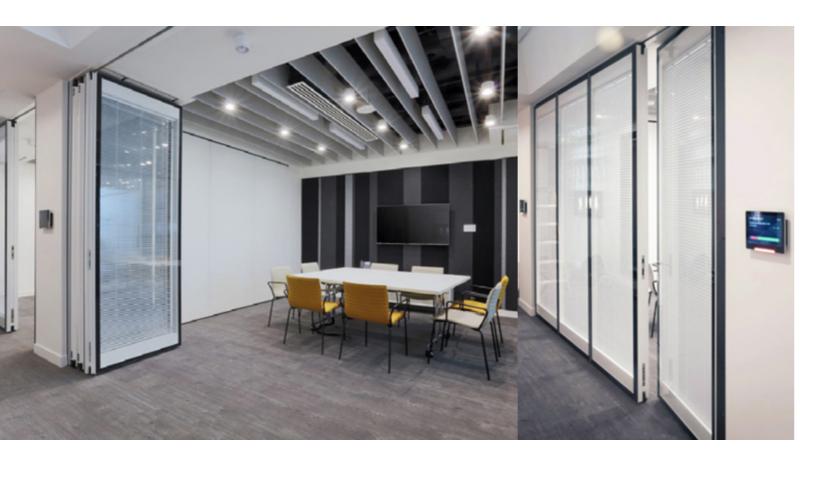
#### SEMI-AUTOMATIC

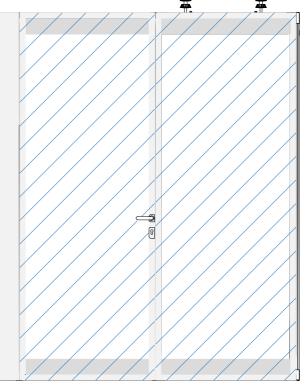
Our semi-automatic E-Lock system allows the user to fully lock the panels quickly and safely after positioning by way of an electronic key-switch. This allows the wall to automatically seal at the top and bottom to lock it from movement and to insulate it acoustically. The system runs by way of a quick-action worm screw driven by a 24v actuator powered by a protected power supply (certified fully for safety) battery back-up can be supplied for use in case of a cut in mains electricity.

#### **AQUA PANELS**

## **FULL-HEIGHT PASSDOOR**

## **AQUA PANELS** FULL-HEIGHT PASSDOOR





lechnical data			
Dimensions			
Thickness in mm	115	119	
Width in mm	10	1050	
Height in mm (máx.)	30	3000	
Construction			
Glazing	Tempered Glass /	Tempered Glass / Laminated Glass	
Extras		Electrically controlled blinds, Magic Glas Frosted Glass	
Frame profile			
Black/White		•	
Others		0	
Equipment details			
Semi-automatic		•	
Full automatic		0	
Suspension	Fix	Fixed	
Technical specifications	Rw (dB)	Density (kg/m²	
		00	

Sound insulation according to ISO 10140-2:2010 standard\*

- \* Laboratory rate. In the Fully Automatic System, there is a need
- Standard equipment

to have a segmented panel with a minimum height of 460mm.



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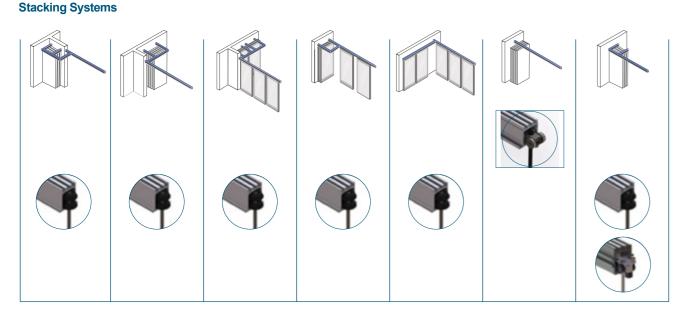
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# CEILING TRACK, SUSPENSION TYPES AND STACKING SYSTEMS

# GROUP 1 / 2 / 3

## Unicolor



#### **Ceiling Track**



TRACK TYPE UD
Uni–Directional
Aluminum track profiles
extruded from
architectural grade
6063-T6 alloy. Load bearing
capacity: 358Kg per panel.



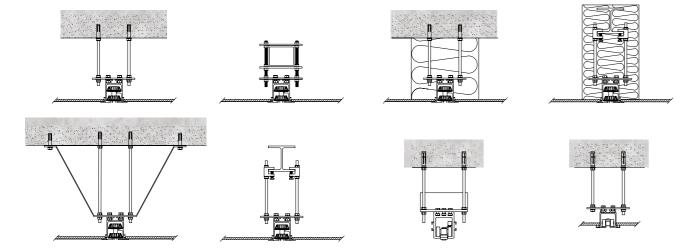
TRACK TYPE MDS
Standard
Multi-Directional
Aluminum track profiles
extruded from
architectural grade
6063-T6 alloy. Load bearing
capacity: 453Kg per panel.

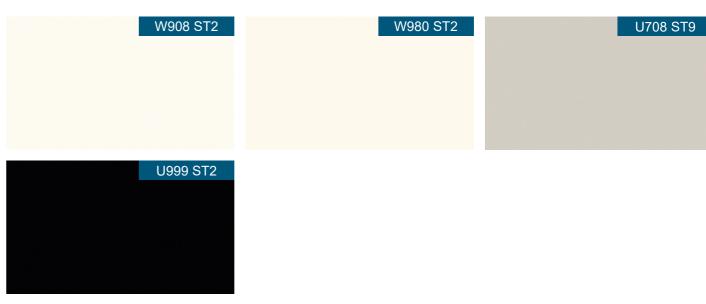


TRACK TYPE MDH
Heavy duty
Multi – Directional
Aluminum track profiles
extruded from
architectural grade
6063-T6 alloy. Load bearing
capacity: 850Kg per panel.



#### **SUSPENSION TYPES**





# GROUP 4

### Unicolor / Wood Imitation



## GROUP 5/6/7/8

## Unicolor / Wood Imitation





**Note:** Material avaliable for immediate delivery from the supplier. Stock PCTS White MFC.







SPAIN



DENMARK



MALTA



LUXEMBOURG



MOROCCO —

RUSSIA







**FRANCE** 









**BELGIUM** 



USA



OMAN







SWITZERLAND



PORTUGAL









**FRANCE** 

PORTUGAL

37

**ENGLAND** 





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