

**INNOVATION!**



COMFORT STOP



AUTO CLOSE



EXACT TRIGGER



EASY INSTALL

**Smooth cushioning, gentle closing**

## General notes:

### Complete sets:

The complete sets include 2x the cushioning and self-closing system COMFORT STOP and AUTO CLOSE for always cushioning on both sides.

We deliver the profiles for the complete sets together in shock resistant cardboard packaging.

### Profiles:

If you sent us your order structured glass sliding door by glass sliding door, the track profiles and cover profiles will be packed, belonging to each sliding door, in pairs in shock resistant packing. In any other case, Willach reserves the right to pack the profiles in the best way to ensure a safe transport.

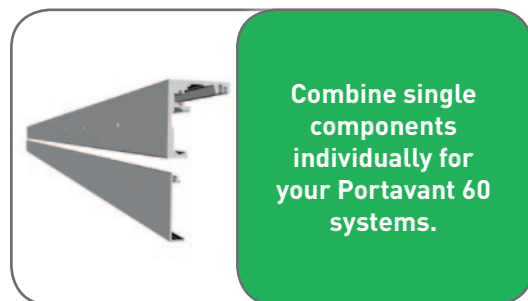
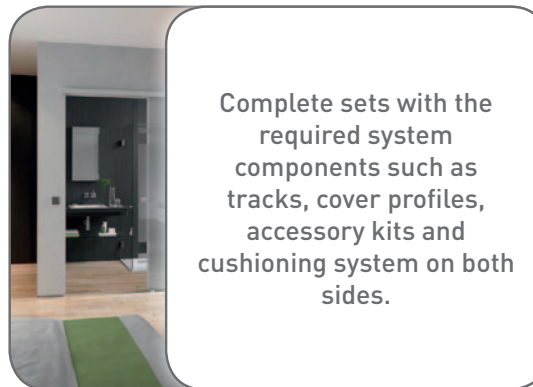
All prices are gross prices in € EX WORKS, according to Incoterms 2000, incl. packaging, without VAT or any other duties, levies and fees that might arise in your country.

Subject to modification.

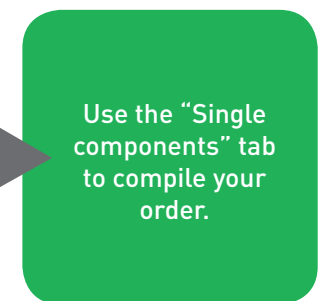
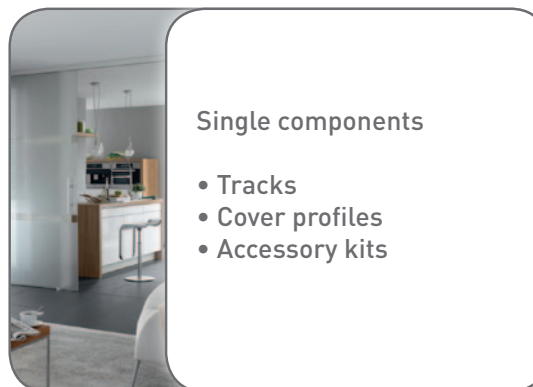
Choose the method of ordering which suits you best.



Order option 1



Order option 2



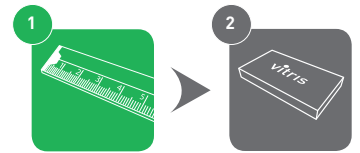




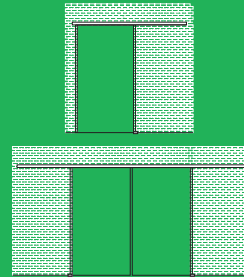
1

2

Select complete set



## 1. Step: Select installation situation



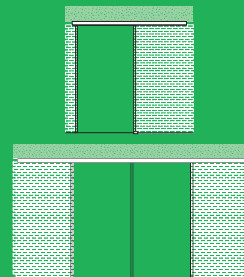
Track fixed to wall

one sash

pages  
5-6

two sashes

pages  
5-6



Track fixed to ceiling

one sash

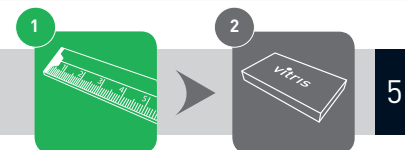
pages  
7-8

two sashes

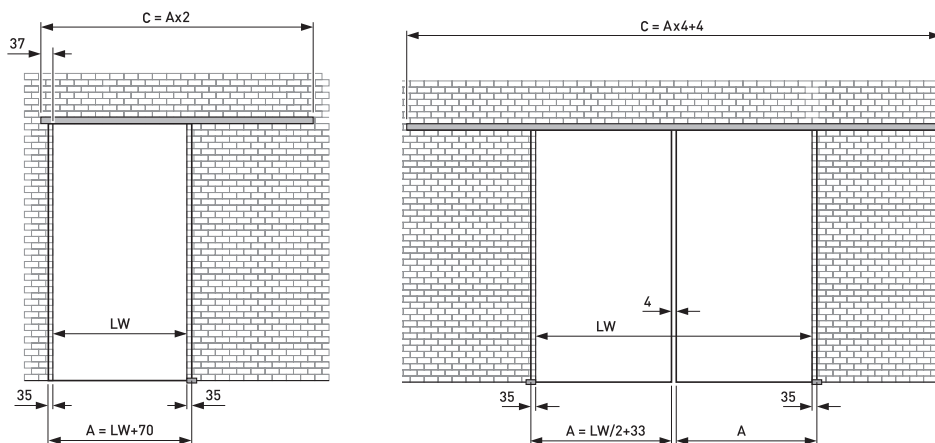
pages  
7-8

If you require solutions for other installation situations (such as e.g. ceiling mounting with side-light or installation in glass façade), contact us about Portavant 120.

## Determination of measurements: track fixed to wall, systems with 1 or 2 sashes



### Calculation of glass width and profile length



#### Your project measurements (mm)

Clear width  
(building) = LW = \_\_\_\_\_

#### Calculation of glass width

systems with 1 sash

$A = LW + 70 =$  \_\_\_\_\_

systems with 2 sashes

$A = LW/2 + 33 =$  \_\_\_\_\_

#### Calculation of profile length (track & cover profile)

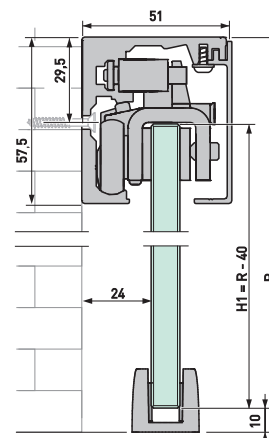
systems with 1 sash

$C = A \times 2 =$  \_\_\_\_\_

systems with 2 sashes

$C = A \times 4 + 4 =$  \_\_\_\_\_

### Calculation of glass height and profile length



#### Your project measurements (mm)

Room height  
(upper edge of profile) = R

= \_\_\_\_\_

#### Calculation of glass height

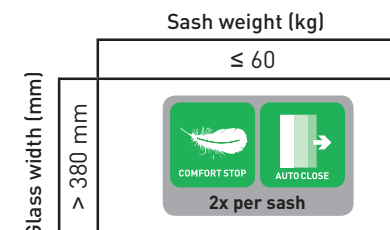
$H1 = R - 40$

= \_\_\_\_\_

#### Note:

The maximum height-width ratio of the sashes is 2.5:1.

### Check for suitability of Portavant 60



#### Your project measurements (mm)

Glass thickness = \_\_\_\_\_


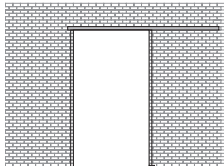

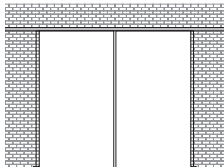
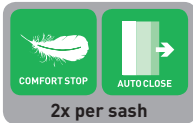
#### Calculation of sash weight (kg)

Sash weightl =  
 $A/1000 \times H1/1000 \times$   
 Glass thickness (without film)  
 $\times 2,5 =$  \_\_\_\_\_ (Maximum 60 kg)

If you require fittings for sash weights over 60 kg, contact us about Portavant 120.

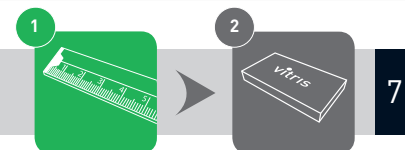
**Length of track & cover profile  
for your Portavant 60 system**

4

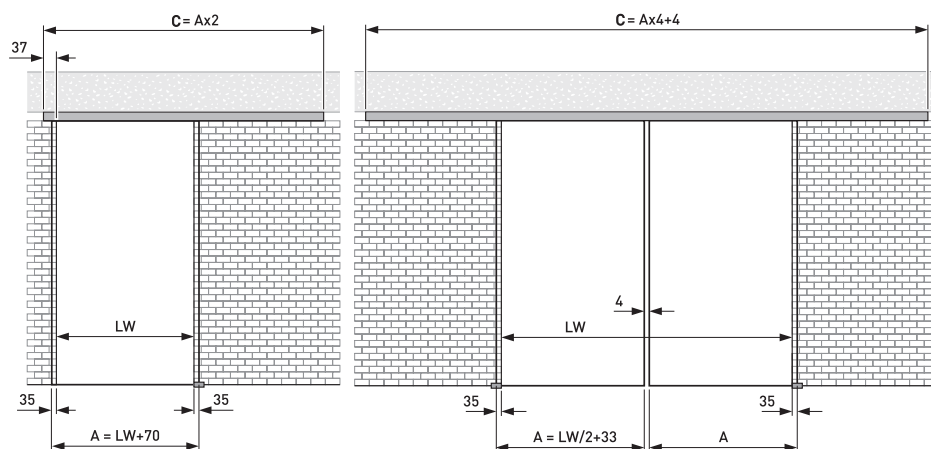
Cover design	Number of sashes	Number of cushioning systems	Product description	Profile length	Product number	Execution	Unit	List price	
		 2x per sash	<b>Complete set, 1 sash</b> <b>2x COMFORT STOP + AUTO CLOSE</b>  includes: 1x track profile for track fixed to wall 1x straight cover profile 1x accessory kit	1996 mm	616 112.1996.110	EV 1	1 unit		
					.120	C 31	1 unit		
				2496 mm	616 112.2496.110	EV 1	1 unit		
					.120	C 31	1 unit		
				cut to size	A616 112.length.110	EV 1	per m cut to size <sup>1)</sup>		
					.120	C 31	per m cut to size <sup>1)</sup>		
	<sup>1)</sup> Price plus 1x EUR 195,11. Formula: profile length (m) x price per m + EUR 195,11 for accessory kit. Note: only suitable for sash weight up to 60 kg, minimum sash width 380 mm.								
		 2x per sash	<b>Complete set, 2 sashes</b> <b>2x COMFORT STOP + AUTO CLOSE</b>  per sash includes: 1x track profile for track fixed to wall 1x straight cover profile 2x accessory kit	3996 mm	616 112.3996.110	EV 1	1 unit		
					.120	C 31	1 unit		
				4996 mm	616 112.4996.110	EV 1	1 unit		
					.120	C 31	1 unit		
				cut to size	B616 112.length.110	EV 1	per m cut to size <sup>1)</sup>		
				.120	C 31	per m cut to size <sup>1)</sup>			
<sup>1)</sup> Price plus 1x EUR 390,22. Formula: profile length (m) x price per m + EUR 390,22 for accessory kits. Note: only suitable for sash weight up to 60 kg, minimum sash width 380 mm.									



Determination of measurements: track fixed to ceiling, systems with 1 or 2 sashes



Calculation of glass width and profile length



Your project measurements (mm)

Clear width  
(building) = LW = \_\_\_\_\_

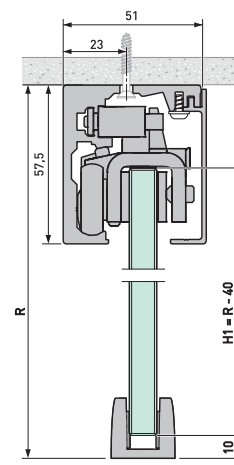
Calculation of glass width

systems with 1 sash systems with 2 sashes  
 $A = LW + 70 =$  \_\_\_\_\_  $A = LW/2 + 33 =$  \_\_\_\_\_

Calculation of profile length (track & cover profile)

systems with 1 sash systems with 2 sashes  
 $C = A \times 2 =$  \_\_\_\_\_  $C = A \times 4 + 4 =$  \_\_\_\_\_

Calculation of glass height and profile length



Your project measurements (mm)

Room height  
(upper edge of profile) = R  
 = \_\_\_\_\_

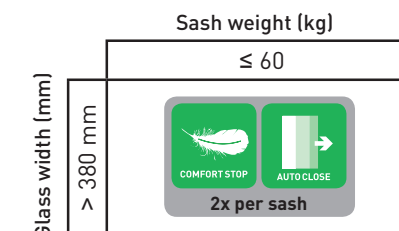
Calculation of glass height

$H1 = R - 40$   
 = \_\_\_\_\_

Note:

The maximum height-width ratio of the sashes is 2.5:1.

Check for suitability of Portavant 60



Your project measurements (mm)

Glass thickness = \_\_\_\_\_

Calculation of sash weight (kg)

Sash weightl =  
 $A/1000 \times H1/1000 \times$   
 Glass thickness (without film)  
 $\times 2,5 =$  \_\_\_\_\_ (Maximum 60 kg)

If you require fittings for sash weights over 60 kg, contact us about Portavant 120.

Length of track & cover profile  
for your Portavant 60 system

Complete sets  
Track fixed to ceiling  
1 sash/2 sashes



Single components

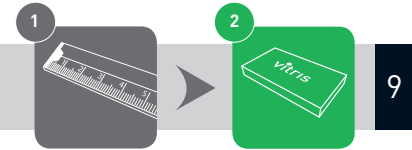




Figure	Product description	Profile length	Product number	Execution	Unit	List price
	<b>Track profile</b> track fixed to wall	1996 mm	616 015.1996.110	EV 1	1 unit	
			.120	C 31	1 unit	
		2496 mm	616 015.2496.110	EV 1	1 unit	
			.120	C 31	1 unit	
		3996 mm	616 015.3996.110	EV 1	1 unit	
			.120	C 31	1 unit	
		4996 mm	616 015.4996.110	EV 1	1 unit	
			.120	C 31	1 unit	
	<b>Track profile</b> track fixed to ceiling	1996 mm	616 025.1996.110	EV 1	1 unit	
			.120	C 31	1 unit	
		2496 mm	616 025.2496.110	EV 1	1 unit	
			.120	C 31	1 unit	
		3996 mm	616 025.3996.110	EV 1	1 unit	
			.120	C 31	1 unit	
		4996 mm	616 025.4996.110	EV 1	1 unit	
			.120	C 31	1 unit	
		cut to size	616 015.length.110	EV 1	per m cut to size	
			.120	C 31	per m cut to size	
		cut to size	616 025.length.110	EV 1	per m cut to size	
			.120	C 31	per m cut to size	





## Handles

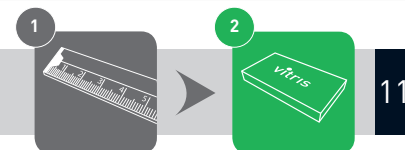


Figure	Product description	Profile length	Product number	Execution	Unit	List price
	<b>Finger pull handle (enclosed)</b>  diameter 64 mm self-adhesive, no drill holes in glass suitable for any glass thickness weight: 0,4 kg		617 266.0000.110	EV 1	1 pair	
			617 266.0000.020	stainless steel	1 pair	
		Note: no glass drilling required. Colour EV 1 suitable for profiles in EV 1.				
	<b>Assembly jig</b>  for self-adhesive finger pull handle for safe positioning on the sliding door, both sides and congruent		617 290.0000.000		1 unit	
	<b>Finger pull handle (enclosed)</b>  diameter 65 mm for 50 mm diameter drill hole glass thickness 8 to 10 mm weight: 0.4 kg		617 267.0000.110	EV 1	1 pair	
			617 267.0000.120	C 31	1 pair	
			617 267.0000.020	stainless steel	1 pair	
		Note: colour EV 1 suitable for profiles in EV 1; colour C31 suitable for profiles in C31.				

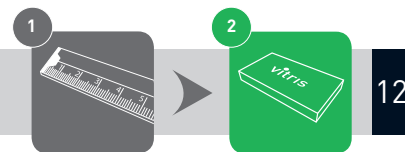




Figure	Product description	Profile length	Product number	Execution	Unit	List price
	<b>Pull handle</b>  handle length 400 mm distance between drill holes 200 mm handle diameter 25 mm drill hole diameter 16 mm glass thickness 8 to 12,76 mm weight: 1,5 kg		617 268.0000.110	EV 1	1 pair	
			617 268.0000.020	stainless steel	1 pair	
Note: colour EV 1 suitable for profiles in EV 1.						
	<b>Pull handle</b>  handle length 700 mm distance between drill holes 500 mm handle diameter 25 mm drill hole diameter 16 mm glass thickness 8 to 12,76 mm weight: 2,1 kg		617 269.0000.110	EV 1	1 pair	
			617 269.0000.020	stainless steel	1 pair	
Note: colour EV 1 suitable for profiles in EV 1.						

Tools

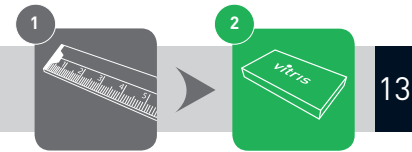



Figure	Product description	Profile length	Product number	Execution	Unit	List price
	<b>Torque driver 3 Nm (without bit)</b> for the professional mounting of the end stops and clamp-carriers		617 260.0000.000		1 unit	
	<b>Bit, size 3.0</b> (end stops)		617 259.0010.000		1 unit	
	<b>Bit, size 2.5</b> (clamp-carriers)		617 259.0000.000		1 unit	



## The company

Willach belongs to the leading producers of glass fittings in Europe. Since its establishment in 1889, the manufacture of products to the highest quality and precision standards has been the supreme dictum of the company. Numerous technical innovations and intelligent solutions with regard to detail meant that Willach was able to cement its pioneering reputation at an early stage. With the Vitris product line, Willach today offers a range of high quality fittings for glass sliding doors. Furthermore the product range comprises a comprehensive modular system of showcase fittings, sliding door locks and slot bar systems for discerning interior, shop and trade show furnishings. Vitris products are certified in accordance with ISO standards and are manufactured at our Ruppichteröth (Germany) production site to meet stringent manufacturing standards. This forms the basis for the excellent quality and consistently high level of availability of the complete Vitris range.

Contact us and let us advise you!

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vitris@willach.com  
www.willach.com  
**Willach Group**



## Utilise all the benefits



**COMFORT STOP** The cushioning system for your safety. COMFORT STOP slows the glass door effectively, gently and quietly irrespective of its weight and speed of closure, and does so over a distance of several centimetres.



**AUTO CLOSE** The self-closing system to make you feel good. AUTO CLOSE fully closes the glass door effectively, gently and quietly once it has been slowed by the innovative cushioning system



**EXACT TRIGGER** The triggering mechanism for reliable functioning. Its revolutionary design principle (patents pending) ensures that the cushioning system is always reliably functioning.



**EASY INSTALL** The solution for ease of assembly without having to cut glass. Turns the installation of glass sliding doors into child's play.

Stamp

Flyers, brochures and drawings are merely product descriptions and represent neither assured properties nor statements of guarantee.