

vitris

Glass fittings with logic

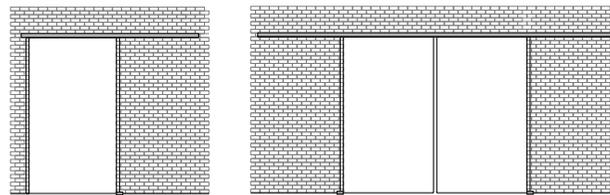


Article List Portavant 60 – Complete Sets

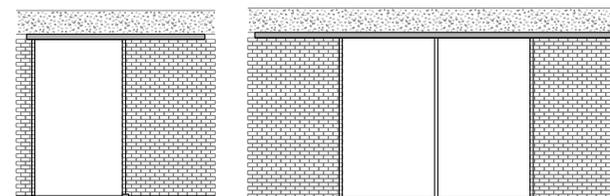
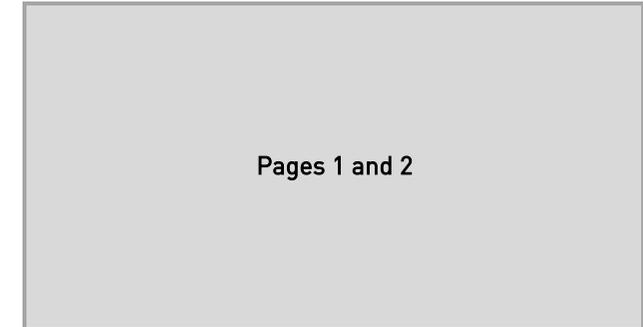
Smooth cushioning, gentle closing



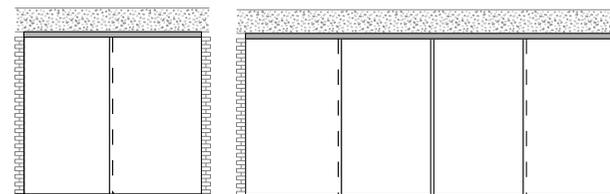
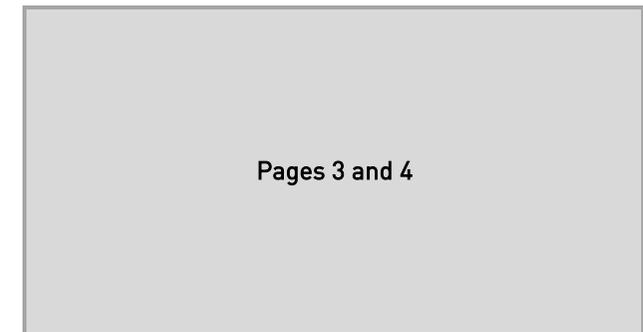
Overview of feasible installation situations Portavant 60



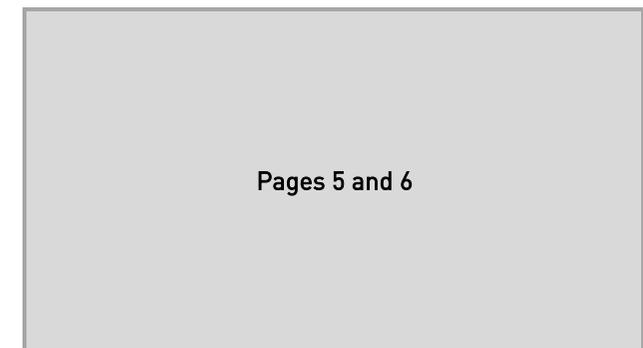
Wall mounting



Ceiling mounting

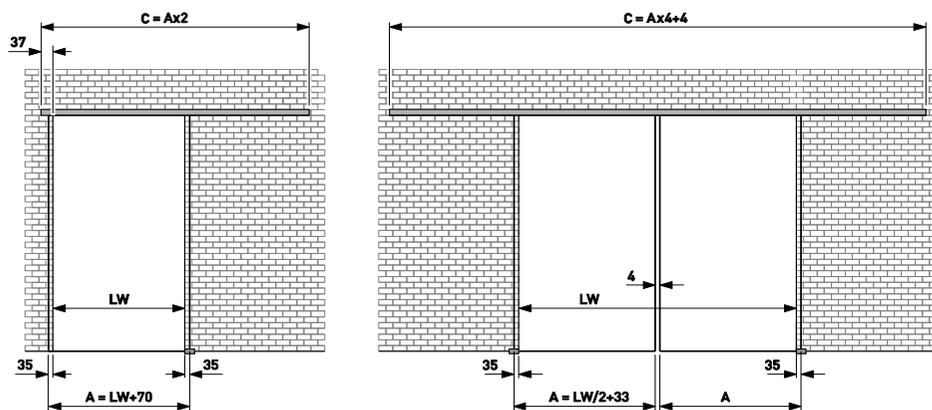


Ceiling mounting with sidelight



Portavant 60 – Determination of measurements: complete sets wall mounting, 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 of sliding sash (mm)

systems with 1 sash

systems with 2 sashes

A = LW + 70 = _____

A = LW/2 + 33 = _____

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

systems with 1 sash

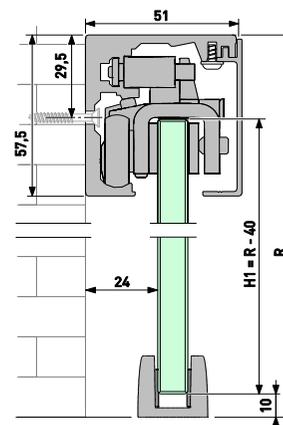
systems with 2 sashes

C = A x 2 = _____

C = A x 4 + 4 = _____

Length of track & cover profile
for your Portavant 60 system

Calculation of glass height



Your project measurements (mm)

Room height (upper edge of profile) = R = _____

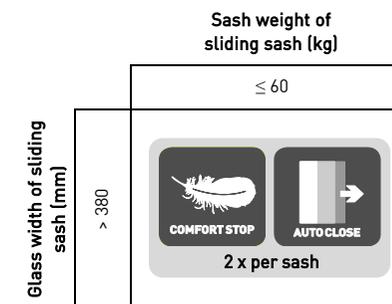
Calculation of glass height of sliding sash (mm)

H1 = R - 40 = _____

Note:

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

Check for suitability of Portavant 60



Your project measurements (mm)

Glass thickness of sliding sash = _____

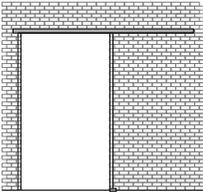
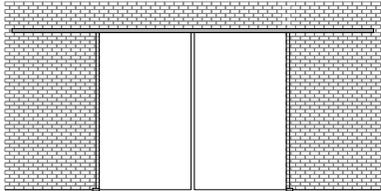
Calculation of sash weight of sliding sash (kg)

Sash weight = A/1000 x H1/1000 x glass thickness (without film) x 2.5 = _____ (maximum 60 kg)

Note:

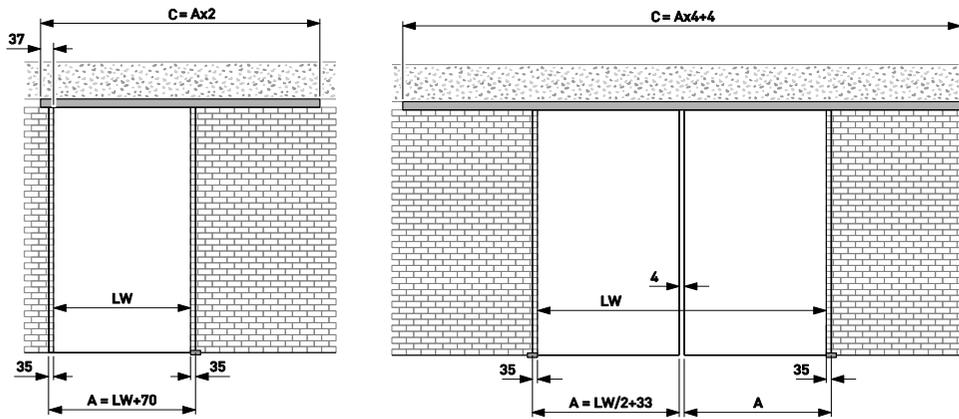
If you require fittings for sash weights over 60 kg, contact us about Portavant 120.

Portavant 60 – Complete sets wall mounting, systems with 1 or 2 sashes

Number of sashes	Description	Profile length	Product number	Execution	Unit	Price in EUR
	 <p>2 x per sash</p>	Complete set Portavant 60, 1 sash 2x COMFORT STOP + AUTO CLOSE includes: 1x track profile for wall mounting 1x 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 (mm)	A616 112.length.110	EV 1	per m (cut to size)			
	.120	C 31	per m (cut to size)			
Note: suitable for sash weight up to 60 kg, minimum sash width 380 mm.						
	 <p>2 x per sash</p>	Complete set Portavant 60, 2 sashes 2x COMFORT STOP + AUTO CLOSE per sash includes: 1x track profile for wall mounting 1x 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 (mm)	B616 112.length.110	EV 1	per m (cut to size)			
	.120	C 31	per m (cut to size)			
Note: suitable for sash weight up to 60 kg, minimum sash width 380 mm.						

Portavant 60 – Determination of measurements: complete sets ceiling mounting, 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 of sliding sash (mm)

systems with 1 sash

systems with 2 sashes

A = LW + 70 = _____

A = LW/2 + 33 = _____

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

systems with 1 sash

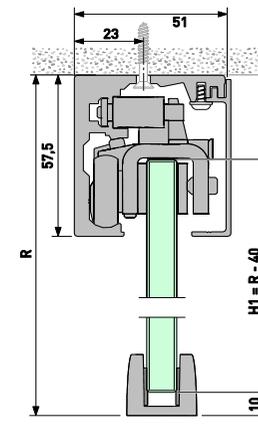
systems with 2 sashes

C = A x 2 = _____

C = A x 4 + 4 = _____

Length of track & cover profile
for your Portavant 60 system

Calculation of glass height



Your project measurements (mm)

Room height (upper edge of profile) = R = _____

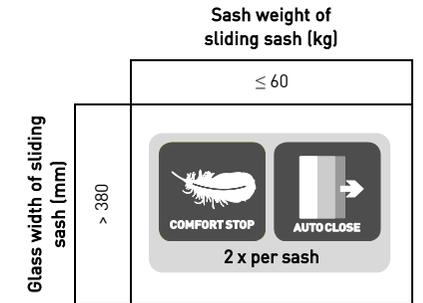
Calculation of glass height of sliding sash (mm)

H1 = R - 40 = _____

Note:

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

Check for suitability of Portavant 60



Your project measurements (mm)

Glass thickness of sliding sash = _____

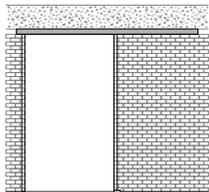
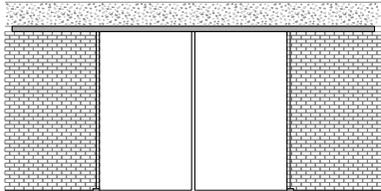
Calculation of sash weight of sliding sash (kg)

Sash weight = A/1000 x H1/1000 x glass thickness (without film) x 2.5 = _____ (maximum 60 kg)

Note:

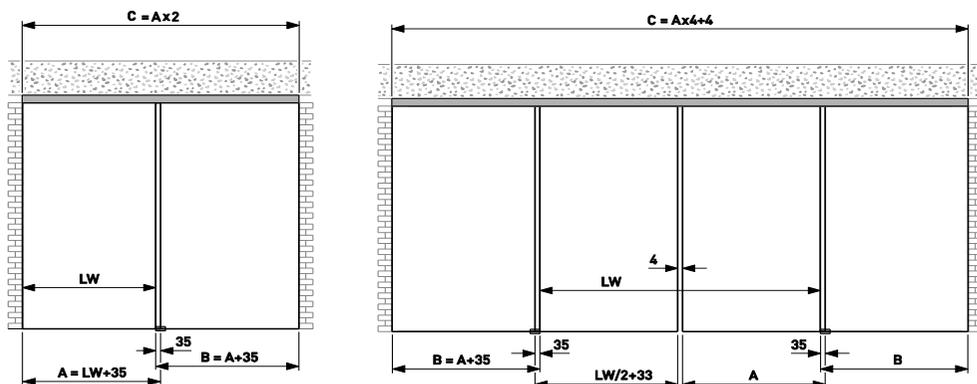
If you require fittings for sash weights over 60 kg, contact us about Portavant 120.

Portavant 60 – Complete sets ceiling mounting, systems with 1 or 2 sashes

Number of sashes	Description	Profile length	Product number	Execution	Unit	Price in EUR
	 <p>2 x per sash</p>	Complete set Portavant 60, 1 sash 2x COMFORT STOP + AUTO CLOSE includes: 1x track profile for ceiling mounting 1x cover profile 1x accessory kit				
		1996 mm	616 122.1996.110	EV 1	1 unit	
			.120	C 31	1 unit	
		2496 mm	616 122.2496.110	EV 1	1 unit	
			.120	C 31	1 unit	
cut to size (mm)	A616 122.length.110	EV 1	per m (cut to size)			
	.120	C 31	per m (cut to size)			
Note: suitable for sash weight up to 60 kg, minimum sash width 380 mm.						
	 <p>2 x per sash</p>	Complete set Portavant 60, 2 sashes 2x COMFORT STOP + AUTO CLOSE per sash includes: 1x track profile for ceiling mounting 1x cover profile 2x accessory kit				
		3996 mm	616 122.3996.110	EV 1	1 unit	
			.120	C 31	1 unit	
		4996 mm	616 122.4996.110	EV 1	1 unit	
			.120	C 31	1 unit	
cut to size (mm)	B616 122.length.110	EV 1	per m (cut to size)			
	.120	C 31	per m (cut to size)			
Note: suitable for sash weight up to 60 kg, minimum sash width 380 mm.						

Portavant 60 – Determination of measurements: complete sets ceiling mounting with sidelight, 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 of sliding sash (mm)

systems with 1 sash

A = LW + 35 = _____

systems with 2 sashes

A = LW/2 + 33 = _____

Calculation of glass width of sidelight (mm)

B = A + 35 = _____

B = A + 35 = _____

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

systems with 1 sash

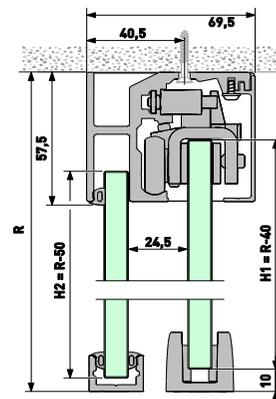
C = A x 2 = _____

systems with 2 sashes

C = A x 4 + 4 = _____

Length of track & cover profile
for your Portavant 60 system

Calculation of glass height



Your project measurements (mm)

Room height (upper edge of profile) = R = _____

Calculation of glass height of sliding sash (mm)

H1 = R - 40 = _____

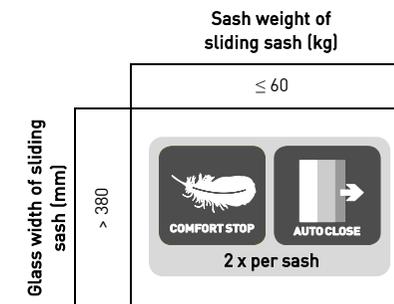
Calculation of glass height of sidelight (mm)

H2 = R - 50 = _____

Note:

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

Check for suitability of Portavant 60



Your project measurements (mm)

Glass thickness of sliding sash = _____

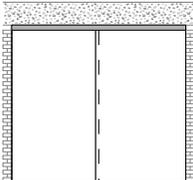
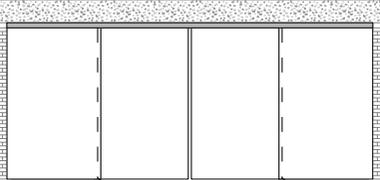
Calculation of sash weight of sliding sash (kg)

Sash weight = A/1000 x H1/1000 x glass thickness (without film) x 2.5 = _____ (maximum 60 kg)

Note:

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

Portavant 60 – Complete sets ceiling mounting with sidelight, systems with 1 or 2 sashes

Number of sashes	Description	Profile length	Product number	Execution	Unit	Price in EUR
	 <p>2 x per sash</p>	Complete set Portavant 60, 1 sash 2x COMFORT STOP + AUTO CLOSE includes: 1x track profile for ceiling mounting with sidelight 1x cover profile 1x accessory kit "sidelight" 1x 1200 mm self-adhesive PET insert				
		1996 mm	616 126.1996.110	EV 1	1 unit	
			.120	C 31	1 unit	
		2496 mm	616 126.2496.110	EV 1	1 unit	
			.120	C 31	1 unit	
cut to size (mm)	A616 126.length.110	EV 1	per m (cut to size)			
		.120	C 31	per m (cut to size)		
Note: suitable for sash weight up to 60 kg, minimum sash width 380 mm. Other profiles: floor-wall-, ceiling-, cover profile (see "Accessories Article List" p. 1). Recommendation: silicone gasket; end plates for floor-wall-, ceiling profile (see "Accessories Article List" pp. 2-4).						
	 <p>2 x per sash</p>	Complete set Portavant 60, 2 sashes 2x COMFORT STOP + AUTO CLOSE per sash includes: 1x track profile for ceiling mounting with sidelight 1x cover profile 2x accessory kit "sidelight" 2x 1200 mm self-adhesive PET insert				
		3996 mm	616 126.3996.110	EV 1	1 unit	
			.120	C 31	1 unit	
		4996 mm	616 126.4996.110	EV 1	1 unit	
			.120	C 31	1 unit	
cut to size (mm)	B616 126.length.110	EV 1	per m (cut to size)			
		.120	C 31	per m (cut to size)		
Note: suitable for sash weight up to 60 kg, minimum sash width 380 mm. Other profiles: floor-wall-, ceiling-, cover profile (see "Accessories Article List" p. 1). Recommendation: silicone gasket; end plates for floor-wall-, ceiling profile (see "Accessories Article List" pp. 2-4).						

Technical information Portavant 60



Door weight	Up to 60 kg
Glass width of sliding sash	> 380 mm The maximum height-width ratio of the sliding sash is 2.5:1.
Glass thickness of sliding sash Tempered glass Laminated safety glass (made of tempered glass)	8 / 10 mm 8.76 / 10.76 mm
Glass thickness of sidelight Tempered glass Laminated safety glass	10 / 12 mm 10.76 / 12.76 mm
Available profile lengths	1996 mm, 2496 mm, 3996 mm, 4996 mm as well as fixed lengths (cut to measure)
Roller assemblies	High quality, precise roller bearings with plastic coating
Execution	Always cushioned on both sides; wall mounting, ceiling mounting, ceiling mounting with sidelight; one or two sashes; for right and left hand use; colours: natural aluminium (EV1) or stainless steel effect (C31, main visible surfaces brushed)
Supreme technical quality	Minimum initial rolling resistance (Class 3, DIN EN 1527), extremely long service life (100,000 cycles, DIN EN 1527), corrosion resistance (suitable for humid interior spaces in accordance with DIN EN 1527/1670), no maintenance



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 Ruppichterath (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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Willach Group

Utilise all the benefits



COMFORT STOP The cushioning system for your safety: 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: 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: ensures, thanks to a revolutionary design principle (patents pending), that the cushioning system always functions reliably.



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 characteristics nor declarations of guarantee. Subject to change.