

The sliding door solution for all ceiling-mounted single-track installations from 50kg up to 150kg!



**NEW!**

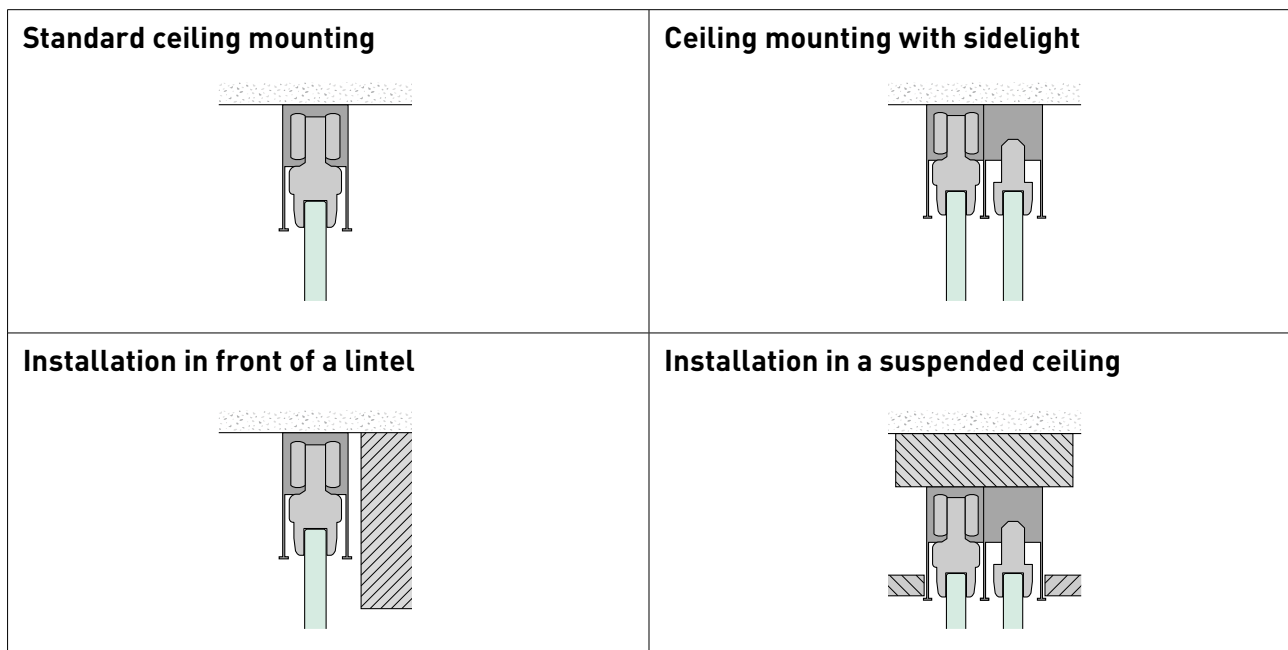




## CEILING MASTER

The perfect solution for all ceiling-mounted installations

Portavant 150 is the perfect solution for all ceiling-mounted single-track installations. As all components are inserted into the track profile laterally, the glass panel fitted with clamping jaws is mounted into the twin roller assembly from below and all settings, such as height and end positions, are also adjusted from below, Portavant 150 can also be easily installed in a ceiling pocket, in front of a lintel or in suspended ceilings. Of course, all systems can also be installed with sidelights.



Thanks to CEILING MASTER, Portavant 150 is a real all-rounder when it comes to ceiling mounting.



## COMFORT STOP

The cushioning system for your safety

Before the end positions are reached, an innovative cushioning system slows down the sash gently and quietly over a distance of several centimetres.

### COMFORT STOP

- prevents the door from banging hard, thus avoiding the associated noise and vibrations.
- reliably protects against glass breakage and damage to fittings and walls.
- prevents damage through doors derailing or tilting.
- removes the risk of trapped fingers almost entirely.

**COMFORT STOP ensures that everything you appreciate remains safe.**





## PERFECT CLOSE

### The retraction system for perfectly closed doors

The PERFECT CLOSE retraction system closes the sash fully and safely once it has been slowed down by the innovative cushioning system and

- ensures that the door closes completely even if not fully shut when in a hurry.
- keeps the door in position and prevents it from bouncing back.
- averts undesirable situations, such as draughts, energy wastage, lack of noise protection, as well as visual impairment of a space because doors are not fully closed.



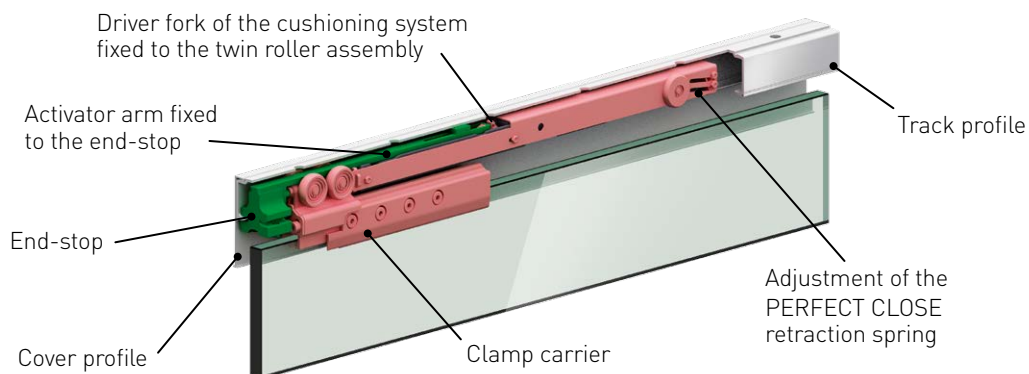
The spring force to close the door can be adjusted in two levels (level 1: 50kg to 100kg and level 2: 100kg to 150kg) to the weight of the door, so enabling the smallest possible opening resistances.

**PERFECT CLOSE ensures silence, discretion and wellbeing in gently closed spaces.**



## EXACT TRIGGER

### The mechanism ensuring a reliable function



Inside Portavant 150, the proven design principle of the Portavant series ensures outstanding quality and technology:

As the activators are connected to the end-stops, they are always in the correct position, thus ensuring reliable activation of the cushioning systems attached to the twin roller assemblies on a permanent basis. This prevents damage to the cushioning systems in the event of faulty adjustment.

If the door is closed too hard, it still has some momentum at the end of the cushioning process. If this happens with Portavant 150, the end-stop stops the door and prevents components of the cushioning system from breaking. The cushioning system is fully functional even when the track has not been installed exactly perpendicular to the glass door. The cushioning system and the activator are both perfectly aligned due to the geometry of the track profile. The swivelling clamp fixture compensates for any deviations from perpendicular alignment. Tolerances of +/- 2.5 mm are permissible.



**With EXACT TRIGGER, the cushioning mechanism will always work correctly.**



## EASY INSTALL

The clever solution for maximum installation comfort

Portavant 150 offers the greatest ease of assembly in all ceiling-mounted applications. Installation takes just a few steps.

First, the drill holes are made for the track profile. The cover profiles are then clipped onto the track profile or the sidelight support profile and the twin roller assemblies with the cushioning unit, as well as the end-stops with the activators, are inserted laterally into the track profile. Then the track profile – pre-assembled in this way – is installed. After assembling the mounting plate for the floor guide, the sash with the mounted glass clamps is inserted from below into the track profile and the twin roller assemblies are connected with the glass clamp holders. Finally, the floor guide is mounted, and the end positions and the height of the sliding sash are adjusted. The sliding sash can be adjusted in height by  $\pm 2.5$  mm.

**EASY INSTALL makes the installation of glass sliding doors a breeze.**

## Familiar Willach quality

For more than 125 years, Willach has stood for the highest quality, excellent workmanship and products with a long service life. Every product in the Portavant 150 range offers Willach's familiar high quality:

### The highest technical quality

- Minimum initial rolling resistance (Grade 3, EN 1527) results in outstanding easy running characteristics
- Extremely long service life (100,000 cycles, EN 1527)
- Corrosion resistance (suitable for humid interior spaces in accordance with EN 1527/1670)
- No maintenance

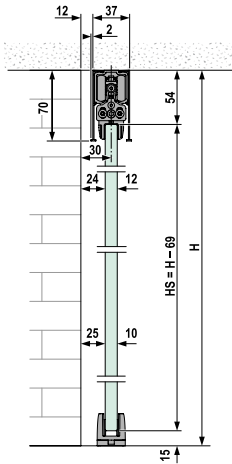


## Technical information

Weight of sliding sash	From 50kg to 150kg with cushioning on both sides
Glass width of sliding sash	$\geq 960$ mm The maximum height-width ratio of the sliding sash is 3:1.
Glass thickness of sliding sash and sidelight	
Tempered glass	10mm / 12mm
Laminated safety glass (made of tempered glass)	10.76mm / 12.76mm
Available profile lengths	1996mm, 2996mm, 3996mm, 5996mm as well as fixed lengths
Twin roller assemblies	High-quality, precise roller bearings with plastic coating
Execution	Always cushioned on both sides; ceiling mounting: one or two-sided; closing to the left or right; also with sidelight(s); colour EV1 (matt aluminium)

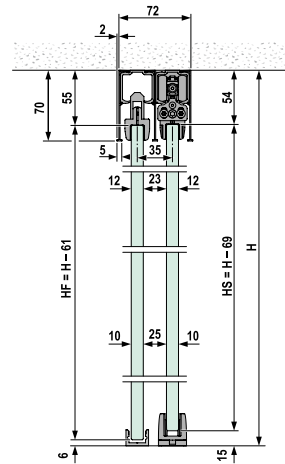
# Broad model range to meet customer requirements

## Ceiling mounting



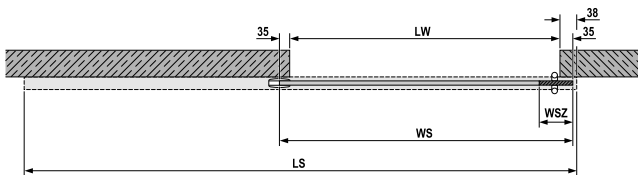
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## Ceiling mounting with sidelight



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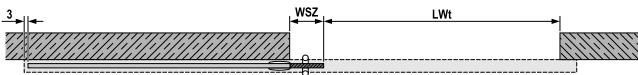
## One-sided systems without sidelight



$$WS = LW + 70$$

$$LS = 2WS - WSZ - 29$$

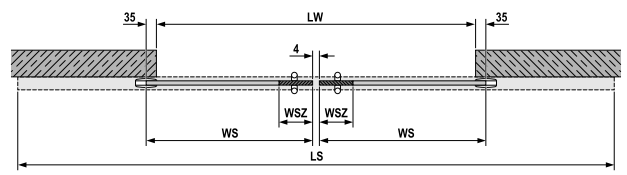
$$LWt = LW - WSZ$$



Closing to the left or right

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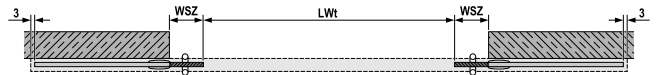
## Two-sided systems without sidelight



$$WS = LW / 2 + 33$$

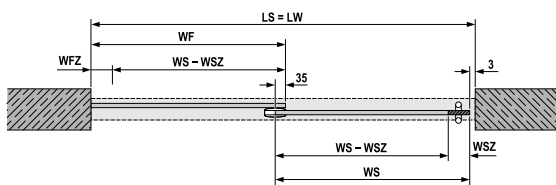
$$LS = 4WS - 2WSZ - 60$$

$$LWt = LW - 2WSZ$$



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## One-sided systems with sidelight

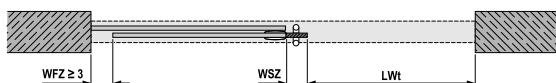


$$WS = \frac{LW - WFZ + WSZ + 32}{2}$$

$$WF = WFZ + WS - WSZ$$

$$LS = LW$$

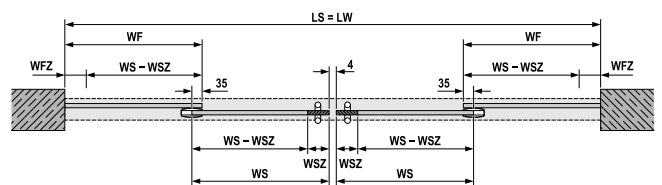
$$LWt = LW - WF - WSZ$$



Closing to the left or right

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## Two-sided systems with sidelights

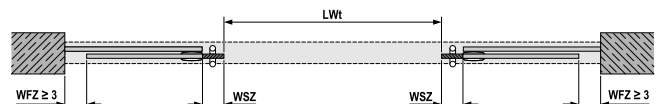


$$WS = \frac{LW - 2WFZ + 2WSZ + 66}{4}$$

$$WF = WFZ + WS - WSZ$$

$$LS = LW$$

$$LWt = LW - 2WF - 2WSZ$$



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## Legend

H	= System height
HF	= Glass height of sidelight
HS	= Glass height of sliding sash
LS	= Length of track profile/sidelight support profile
LW	= Clear width (building)
LWt	= Clear width of wall opening (passage width)

WF	= Glass width of sidelight
WFZ	= Additional width of sidelight
WS	= Glass width of sliding sash with handle
WSZ	= Additional width of sliding sash for handle



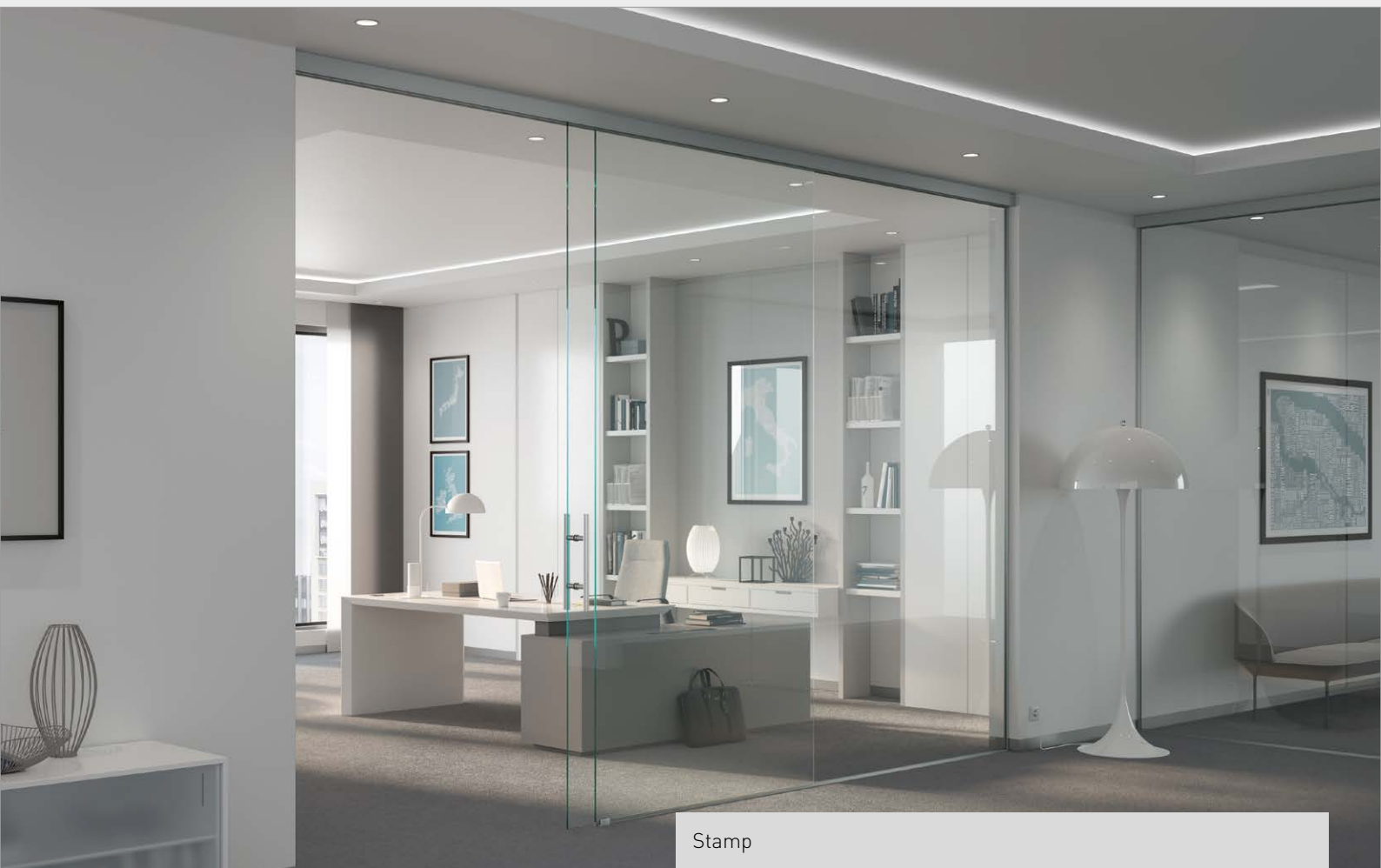
## The company

With its VITRIS product division, Willach is among the leading producers of glass fittings in Europe. Since its foundation in 1889, the company has been dedicated to the manufacture of products to the highest quality and precision standards. Willach quickly cemented its pioneering reputation with numerous technical innovations and intelligent solutions that paid close attention to intricate detail. With the Portavant product line, Willach today offers a range of elegant, technically sophisticated fittings for interior glass sliding doors. The Aquant product line includes high-quality fittings for shower glass sliding doors. Furthermore, the VITRIS 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 Ruppichteroth production site in Germany to stringent manufacturing standards. This forms the basis for the excellent quality and consistently high level of availability of the entire VITRIS range.

Please contact us and we will be happy to advise you!

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Stamp

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Edition 09/2016