

## Comparison of the Portavant systems



### Single-track sliding doors for manual operation

	Portavant M 50	Portavant M 80	Portavant G 120	Portavant 150
Equipment	Always equipped with cushioning and selfclosing system on both sides	Always equipped with cushioning and selfclosing system on both sides	Always equipped with cushioning and selfclosing system on both sides	Always equipped with cushioning and selfclosing system on both sides
Maximum sash weight of the sliding sash(es)	20 kg to 50 kg	50 kg to 80 kg	20 to 120 kg <sup>1)</sup>	150 kg (minimal sash weight 50 kg)
Profile height	59 mm	59 mm	69 mm	70.0 mm
Possible installation situations	Glass or wood sashes; one-sided or two-sided; wall mounting, ceiling mounting with or without sidelight, lateral fixing for self-supporting systems also possible	Glass or wood sashes; one-sided or two-sided; wall mounting, ceiling mounting with or without sidelight, lateral fixing for self-supporting systems also possible	Glass or wood sashes; one-sided or two-sided; wall mounting, ceiling mounting with or without sidelight, glass wall mounting <sup>2)</sup>	ceiling mounting, ceiling mounting with sidelight (not for Portavant 150 wood), (also in a ceiling pocket, in front of a lintel or in suspended ceilings)
Maximum height-width ratio of the sliding sash(es)	3 : 1	3 : 1	3 : 1	3 : 1
Minimum glass width	330 mm	330 mm	580 mm	960 mm
Glass thicknesses for sliding sashes				
tempered glass	8 / 10 mm	8 / 10 mm	8 / 10 / 12 mm	10 / 12 mm
laminated safety glass (made of tempered glass)	8.76 / 10.76 mm	8.76 / 10.76 mm	8.76 / 10.76 / 12,76 mm	10.76 / 12.76 mm

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Glass thicknesses for sidelights and glass façade				
tempered glass	10 / 12 mm	10 / 12 mm	10 / 12 mm	10 / 12 mm
laminated safety glass (made of tempered glass)	10.76 / 12.76 mm	10.76 / 12.76 mm	10.76 / 12.76 mm	10.76 / 12.76 mm
Thickness of wooden sliding sash	38 mm - 55 mm	38 mm - 55 mm	38 mm - 55 mm	38 mm - 55 mm
Glass thicknesses for sidelights for wooden sliding sash				
tempered glass	10 / 12 mm	10 / 12 mm	10 / 12 mm	-
laminated safety glass (made of tempered glass)	10.76 / 12.76 mm	10.76 / 12.76 mm	10.76 / 12.76 mm	
Optional accessories	Electric lock, door stop profiles with optional striking plate, spacer profiles, floor profiles and wall profiles	Electric lock, door stop profiles with optional striking plate, spacer profiles, floor profiles and wall profiles	Electric lock, door stop profiles with optional striking plate, spacer profiles, floor profiles and wall profiles	Door stop profiles with optional striking plate, floor profiles and wall profiles
Colours	Natural aluminium (EV1), stainless steel effect (C31, main visible surfaces brushed), anodised black (C35) and powder-coated white (RAL 9016, for wall mounting only)	Natural aluminium (EV1), stainless steel effect (C31, main visible surfaces brushed), anodised black (C35) and powder-coated white (RAL 9016, for wall mounting only)	Natural aluminium (EV1), stainless steel effect (C31, main visible surfaces brushed), anodised black (C35, not for glass wall mounting) and powder-coated white (RAL 9016, for wall mounting only)	EV1
Application parameters	Suitable for humid interior spaces in accordance with EN 1527/1670	Suitable for humid interior spaces in accordance with EN 1527/1670	Suitable for humid interior spaces in accordance with EN 1527/1670	Suitable for humid interior spaces in accordance with EN 1527/1670

<sup>1)</sup> For sash weights from 20 kg to 60 kg, the standard cushioning systems supplied with the complete sets must be replaced by the weaker cushioning systems.

<sup>2)</sup> Please contact us, if you require two-sided systems with glass wall mounting.

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