

italian elegance for doors & windows





The MFOS2 family systems are characterised by an elegant solution for the relationship between the transparency of the glass and the lightness of solid precious metal frames; for efficiency, versatility and beauty of doors and windows; for the merging of technological innovation and detailed craftsmanship.

MFOS2 75 is the thermally broken system belonging to the OS2 family. The profiles, with visible sections ranging from 27 to 62 mm, house glazing up to 50 mm and allow for many variants in differentiating fa ade arrangements and opening types, even with a tilt and turn.

MFOS2 65

Efficient and versatile, the thermally broken **MFOS2 65** has a depth of 65 mm to accommodate glazing up to 40 mm; with visible sections ranging from 27 to 62 mm. **MFOS2 65** is a system to design the desired door or window in detail with minimal sections and high performance features of the OS2 family.

MFOS2 BV

The OS2 thermally broken system in the **MFOS2 BV** variant, with the same bevelled corner moulding on the outside of the sash and in the glazing bead. Perfect symmetry between inside and outside, with the glass aligned with the section of the frame and the performance characteristics of the OS2 family.

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р 16 р 84



р 26 р 90



MFOS2 AS

The **MFOS2 AS** thermally broken system allows to produce lift-and-slide doors, with a floor-level threshold, in perfect continuity with OS2 75, 65 and LB windows and doors. A complete set of special profiles that correspond to the features of the OS2 family.

MFOS2 LB

The thermally broken **MFOS2 LB** system integrates the free opening in the windows and doors of the OS2 family, with the same high-performance and minute profiles. The sashes up to 100×290 cm rotate and slide with reduced dimensions on concealed hinges and rails; the profiles have constant sections along the entire perimeter of the frame.

MFOS2 40

MFOS2 40 is the system with tubular profiles of the OS2 family. The highest quality focuses on a system reduced to the essentials, with a depth of 40 mm and visible sections ranging from 12 to 62 mm. Ideal for implementing lightweight frames for interior design projects, with glazing partitions that reproduce the same design of the windows and doors.

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р 46 р 102



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With its solid and precious lightness, MFOS2 75 makes the merging of technological innovation and detailed craftsmanship perfect. Offering a vast variety of different kinds of openings and an infinite possibility of façade arrangements, minimal sections and high performance characteristics, materials and impeccable finishings.



you can freely compile over 40 profiles, with visible sections ranging from 27 to 62 mm, depths ranging from 70 to 84 mm, glazing up to 50 mm, also with tilt and turn opening

maximum achievable performance

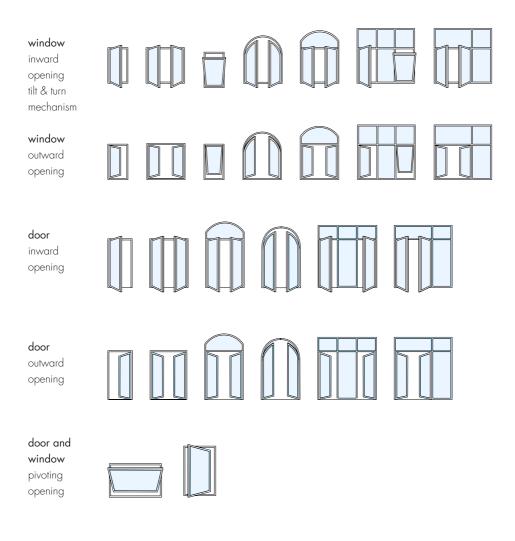
wind resistance - test pressure	5
wind resistance - frame bending	С
water tightness	9A
acoustic performance (with Rw per IGU 42dB)	45 dB
thermal transmittance (with Ug glass 0,7 W/m2K)	1,04 W/m2K
air permeability	4







MFOS2 75 type of opening



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MFOS2 75 materials

stainless steel				
galvanised steel	polished 316L stainless steel	scotch brite 316L stainless steel	satin-finished 304 stainless steel	blackened 316L stainless steel
corten steel	galvanised steel	waxed oxidised		
brass	corten steel	corten steel		
	patinated OT67 brass	satin-finished OT67 brass		

MFOS2 75 Museo Bailo, Treviso





system	MFOS2 75
material	corten steel
design	Studiomas with Heinz Tesar
office	Due C Group srl
location	Treviso - Italy

MFOS2 65 is an efficient and versatile system to design the desired door or window in detail with the minimum sections and the high performance features of the MFOS2 family. The minimal profiles are carefully designed so that, each line and each bend are essential to obtain the maximum level transparency and pureness, as well as excellent thermal and acoustic insulation.



the visible sections ranging from 27 to 62 mm are the features of the system, the thickness of the frame ranges from 58 to 72 mm, for glazing up to 40 mm. Many variants entail casements and fixed elements

maximum achievable performance

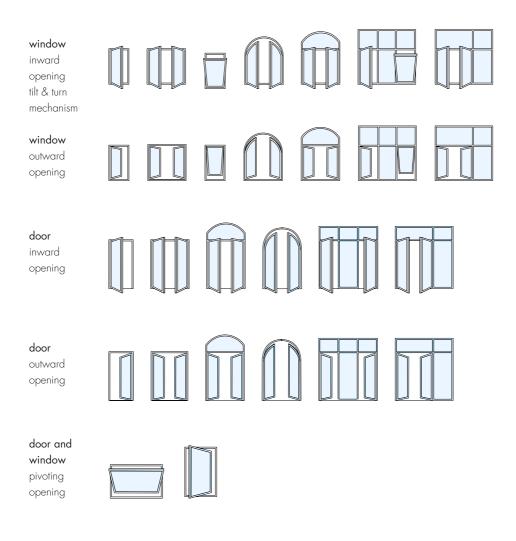
wind resistance - test pressure	4
wind resistance - frame bending	С
water tightness	8A
acoustic performance (with Rw per IGU 42dB)	43 (-1;-4) dB
thermal transmittance (with Ug glass 0,7 W/m2K)	1,38 W/m2K
air permeability	4







MFOS2 65 type of opening

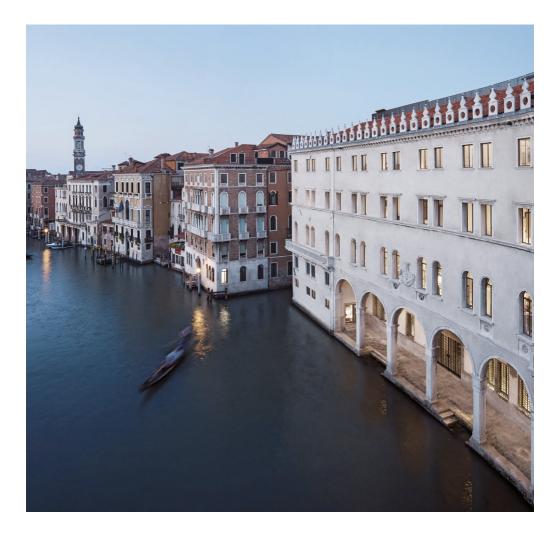


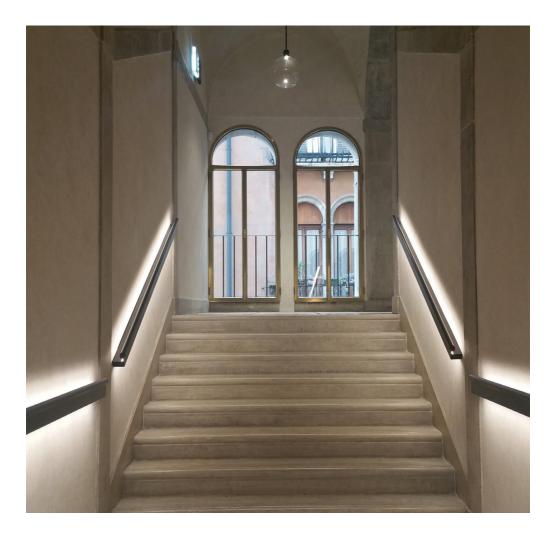
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MFOS2 65 materials

stainless steel				
galvanised steel	polished 316L stainless steel painted galvanised steel	scotch brite 316L stainless steel	satin-finished 304 stainless steel	blackened 316L stainless steel
corten steel				
brass	oxidised corten steel	waxed oxidised corten steel		
	patinated OT67 brass	satin-finished OT67 brass		

MFOS2 65 Fondaco dei Tedeschi, Venice





system	MFOS2 65
material	natural brass
design	OMA Rem Koolhaas
office	Gualini spa
location	Venice - Italy

MFOS2 BV

MFOS2 BV has been designed to manufacture windows and doors that have the same moulding on the inside as well as the outside, maintaining the innovative technology and high-level performance features of MFOS2 systems. The beveled angled shapes of the sash externally and the glazing bead internally are symmetrical with respect to the glass, perfectly centered on the frame, hence characterizing the frame by giving the external elevation the same depth and aesthetics of the internal one.



MFOS2 BV

in the BV variant of MFOS2 with a symmetrical moulding on the inside and the inside of the frame, the visible sections range from 27 to 62 mm, the thickness varies based on the type of opening, from 70 to 84 mm, with glazing up to 40 mm

maximum achievable performance

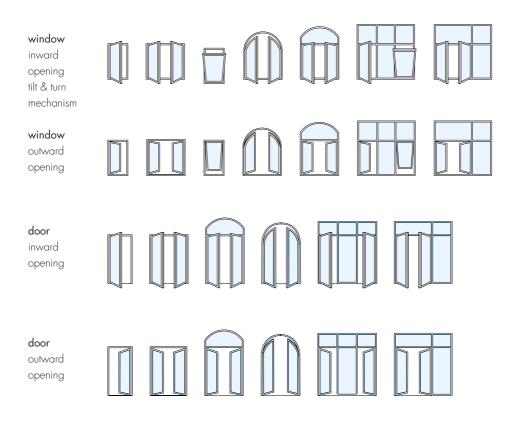
wind resistance - test pressure	5
wind resistance - frame bending	С
water tightness	9A
acoustic performance (with Rw per IGU 42dB)	45 dB
thermal transmittance (with Ug glass 0,7 W/m2K)	1,04 W/m2K
air permeability	4







MFOS2 BV type of opening



MFOS2 BV materials

stainless steel				
	polished 316L stainless steel	scotch brite 316L stainless steel	satin-finished 304 stainless steel	blackened 316L stainless steel
galvanised steel	painted galvanised steel			
corten steel				
	oxidised corten steel	waxed oxidised corten steel		
brass				
	patinated OT67 brass	satin-finished OT67 brass		

MFOS2 BV Kunsthaus Dahlem, Berlin





system	MFOS2 BV
material	painted galvanised steel
design	Petra and Paul Kahlfeldt
office	Jens Schr ter Metallbau GmbH
location	Berlin - Germany

MFOS2 AS

The elegant sashes are integreted into a lift-and-slide door system, enhancing the facades just as much as the interior spaces. With the same minute and performant profiles, MFOS2 AS fits into the composition of fa ade arrangements in continuity with the system MFOS2 75, 65 and LB, maintaining aesthetic and performance features thanks to a set of dedicated components, specifically designed for the lift-and-slide technology.



MFOS2 AS

MFOS2 AS integrates the lift and slide sashes into the MFOS2 system with prefect continuity; ranging from 27 to 62 mm for visible sections, depths ranging from 70 to 84 mm, glazing up to 50 mm

maximum achievable performance

wind resistance - test pressure	3
wind resistance - frame bending	В
water tightness	5A
thermal transmittance (with Ug glass 0,7 W/m2K)	1,1 W/m2K
air permeability	4

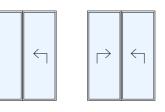


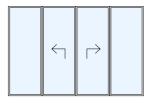


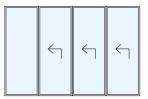


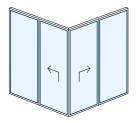
MFOS2 AS type of opening

lift-and-slide door









MFOS2 AS materials

stainless steel				
galvanised steel	polished 316L stainless steel	scotch brite 316L stainless steel	satin-finished 304 stainless steel	blackened 316L stainless steel
	painted galvanised steel			
corten steel				
	oxidised corten steel	waxed oxidised corten steel		
brass				
	patinated OT67 brass	satin-finished OT67 brass		

MFOS2 AS Courtyard House, California





system	MFOS2 AS, EBE 65
material	galvanised steel 'patinated black'
design	Ken Linsteadt Architects
office	Jada Windows
location	California - USA

MFOS2 LB

MFOS2 LB integrates the free opening in the MFOS2 family, in continuity with the minute characteristic profiles of the system: both with the reduced visible profiles, constant for the entire perimeter of the frame, as well as the excellent performance. By turning on the minimal hinges and sliding on the concealed rails, the folding sashes are fall one onto another or assume varying orientations, compressing and expanding the interior space.

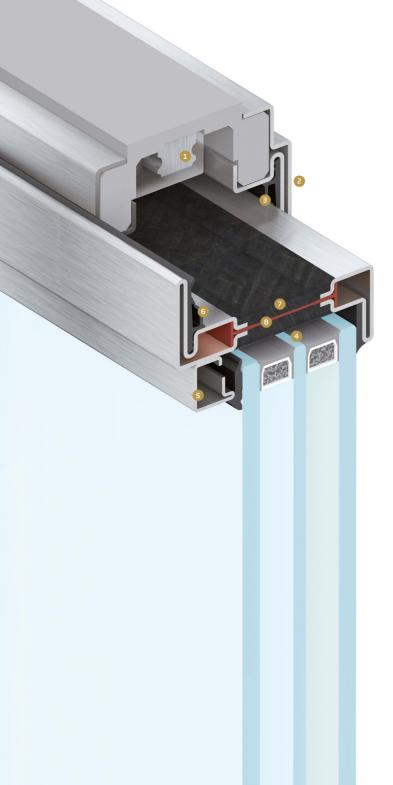


MFOS2 LB

the folding sashes have dimensions up to 100 x 290 cm, with a visible section ranging from 27 to 62 mm, depths from 70 to 84 mm, and glazing up to 50 mm. The top and bottom rails are fully concealed behind closed doors

maximum achievable performance

wind resistance - test pressure	3
wind resistance - frame bending	С
water tightness	5A
thermal transmittance (with Ug glass 0,7 W/m2K)	1,3 W/m2K
air permeability	4



external rebate gasket glazing slot up to 50 mm glazing bead internal rebate gasket composite structural thermal break polyurethane

polyamide

steel rail

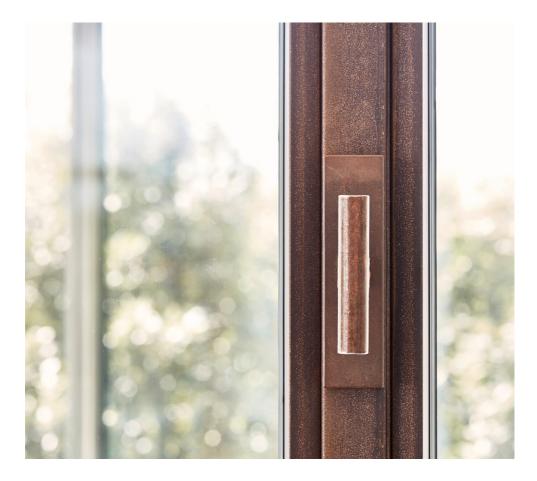
internal and

external overlap

1

2

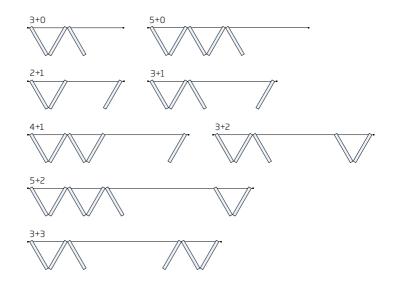
MFOS2 LB



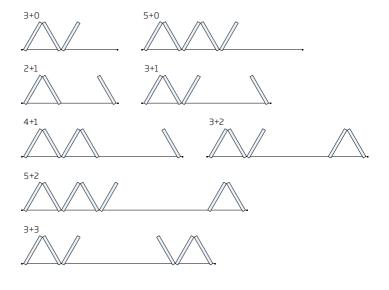


MFOS2 LB type of opening

door and window inward opening



door and window outward opening



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MFOS2 LB materials

stainless steel				
	polished 316L stainless steel	scotch brite 316L stainless steel	satin-finished 304 stainless steel	blackened 316L stainless steel
galvanised steel				
	painted galvanised steel			
corten steel				
	oxidised corten steel	waxed oxidised corten steel		
brass				
	patinated OT67 brass	satin-finished OT67 brass		

MFOS2 LB Villa-Ranch, California





system	MFOS2 LB
material	galvanised steel 'patinated black'
design	Backen, Gillam and Kroeger
office	Jada Windows
location	California - USA

MFOS2 40

The maximum quality in a system reduced to the essentials: MFOS2 40. Designed for interior design projects, the agile and lightweight tubular profiles reproduce the same image of the MFOS2 windows and doors in the glass partitions, creating an effect of continuity between interiors and the building envelope.

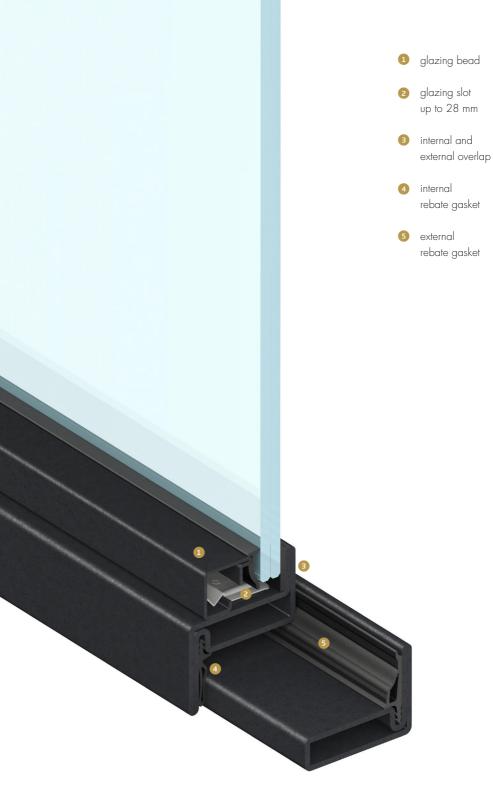


MFOS2 40

the visible sections range from 12 to 47 mm while the depth is reduced to 42 mm, for glazing up to 15 mm. MFOS2 40 is the ideal system for lightweight doors and window or internal partitions.

maximum achievable performance

wind resistance - test pressure	3
wind resistance - frame bending	С
water tightness	5A
thermal transmittance (with Ug glass 0,7 W/m2K)	1,3 W/m2K
air permeability	4



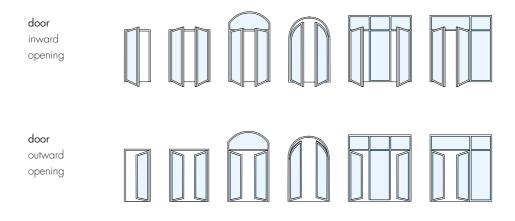




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MFOS2 40 internal view painted pickled steel

MFOS2 40 type of opening



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MFOS2 40 materials

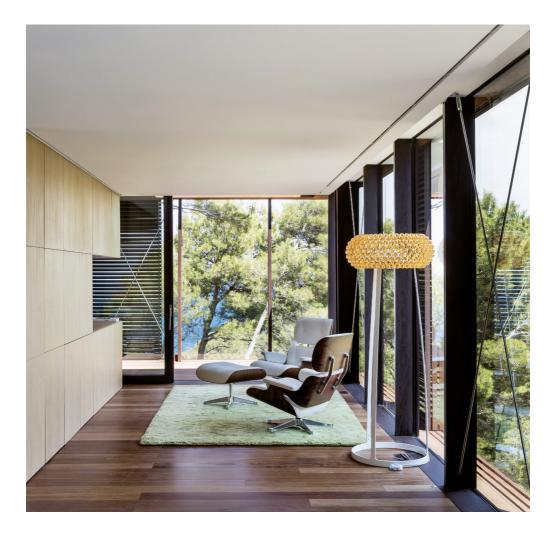
pickled steel



painted pickled steel

MFOS2 40 Guest Pavilion, Sa Tuna





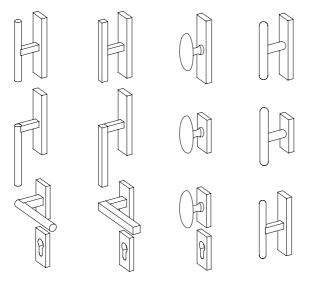
systems	MF EBE 65, OS2 40
material	corten steel and painted pickled steel
design	his is Arquitectura
office	Alumilux & Metall-lux
location	Sa Tuna, Costa Brava - Spain





handles

elegant, discrete complements, in harmony with the essential lines of the window and door, in the same precious materials and finishes



truncated

quare

oval

rounded



glazing beads

the small profiles in front of the glass to secure it are themselves design elements of the casement that make it unique



bead



hinges

slim and light, hinges are both technological devices and plastic elements that make up the design of windows and doors, using the same precious metals







two-winged Ø 12 mm

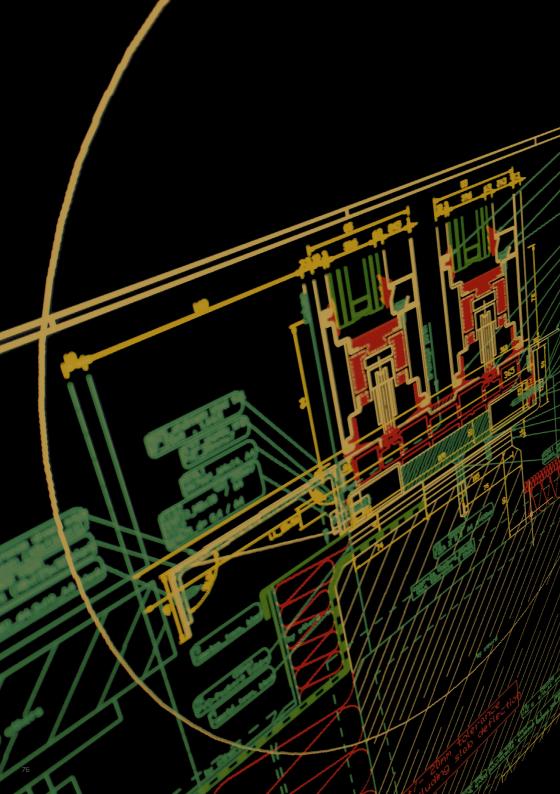
three-winged Ø 15 mm

weld-on Ø 13 mm





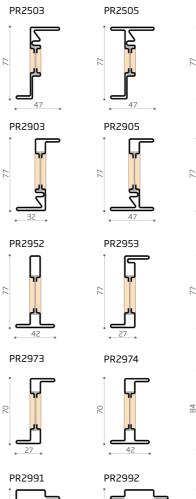




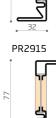
design together

the main hubs of MFOS2 systems in technical drawings listed: to define every detail of the door or window, for the development on a technical/execution level of the project and for the preliminary cost estimation

profiles and glazing beads



84



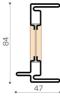
PR2511



PR2955



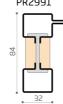
PR2975



PR2993



20







PR2961



PR2982



PR2985 47

PR2515

PR2932

PR2962

84



PR2522



PR2963





36

PR2607

PR2942

PR2542



PR2965

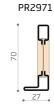


PR2943

PR2543

PR2972

2



PR2930

PR2931



PR2638

PR2995



PR2606



PR2964 20





PR2627 PR2629



PR2901

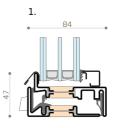




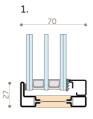


inward opening sections

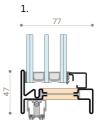


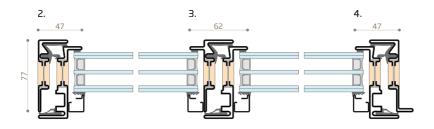


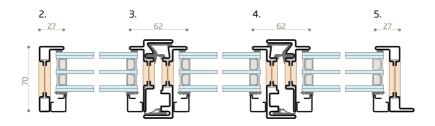


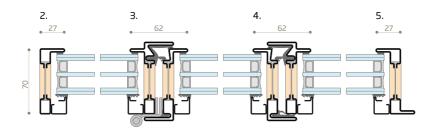






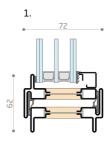




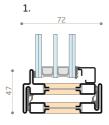


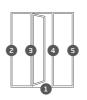
outward opening sections

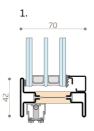




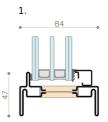


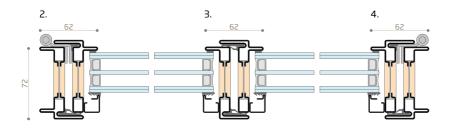


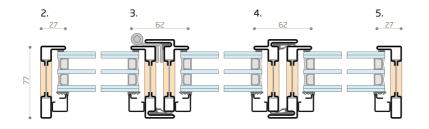


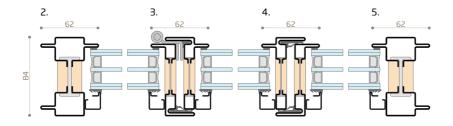


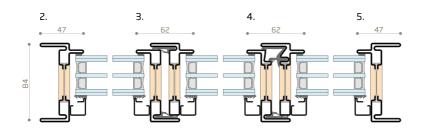




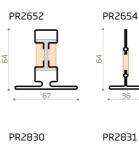








profiles



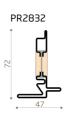






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PR2882 65



PR2627





PR2629

PR2607 ר וֹ

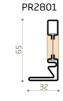
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PR2638



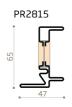
glazing beads

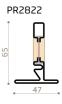




















PR2871

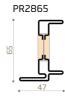


PR2852 42



PR2863







PR2872 8

42

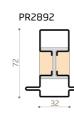


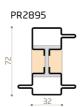
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PR2891 72

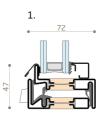
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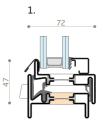


inward opening and fixed pane sections

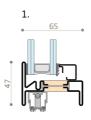


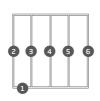


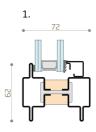


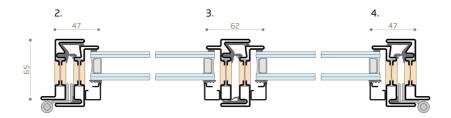


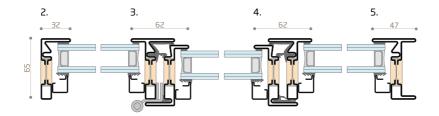


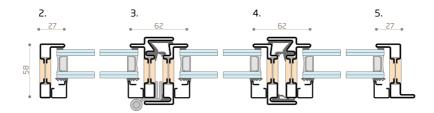


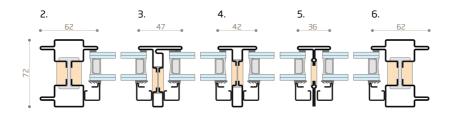






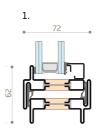




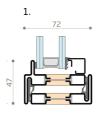


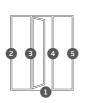
outward opening sections

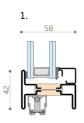




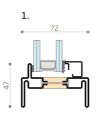


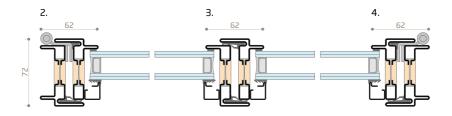


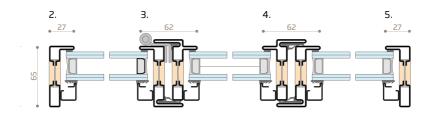


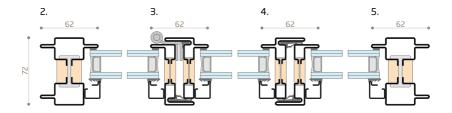


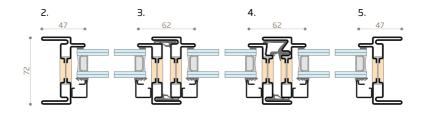






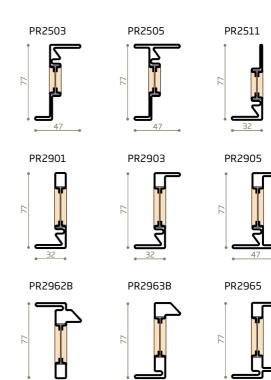




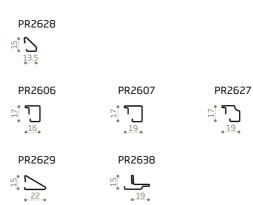


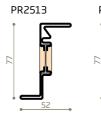
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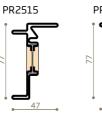
profiles

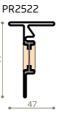


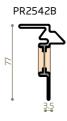
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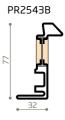






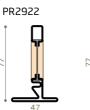


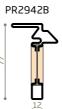


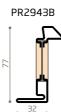
















PR2971B





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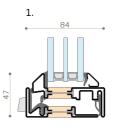


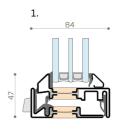
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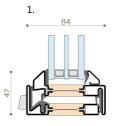
inward opening sections

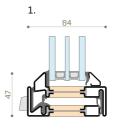




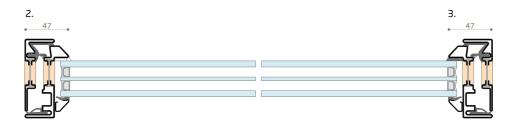


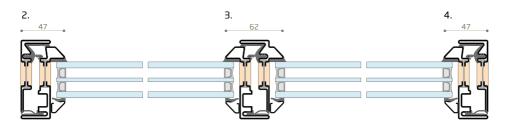


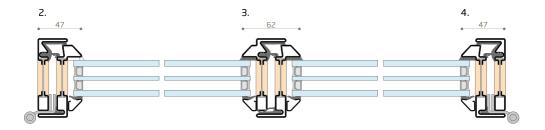


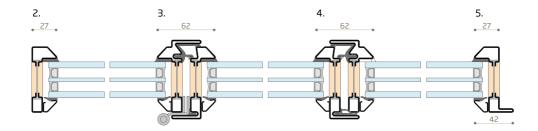








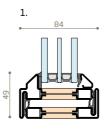


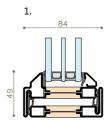


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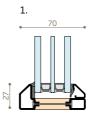
outward opening sections

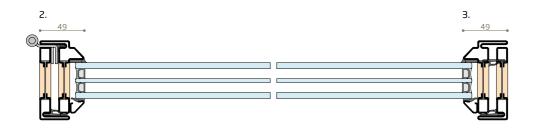


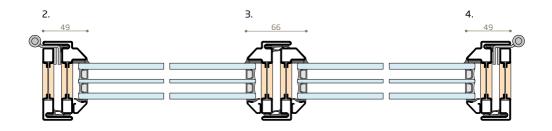


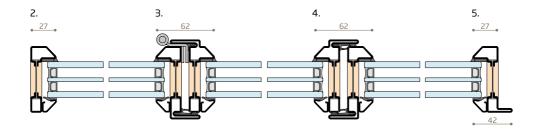






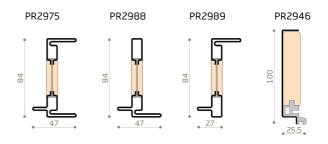




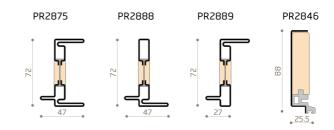


MFOS2 AS

profiles for IGU up to 50 mm



profiles for IGU up to 38 mm



glazing beads

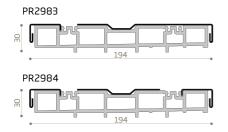


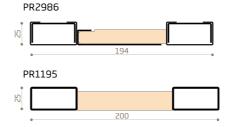






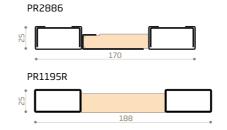






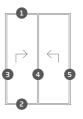
179

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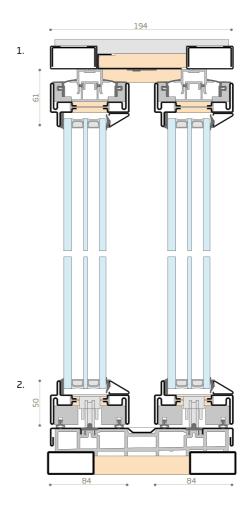


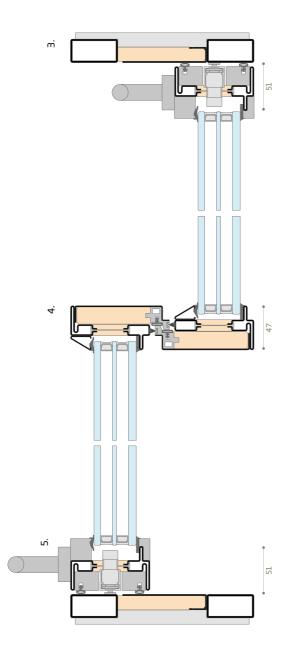
MFOS2 AS

two-sash opening sections



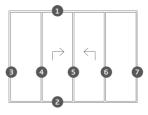




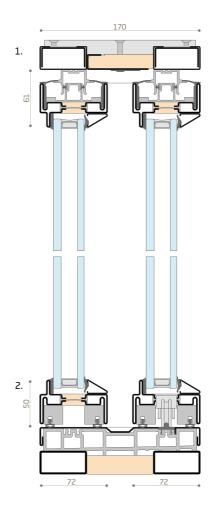


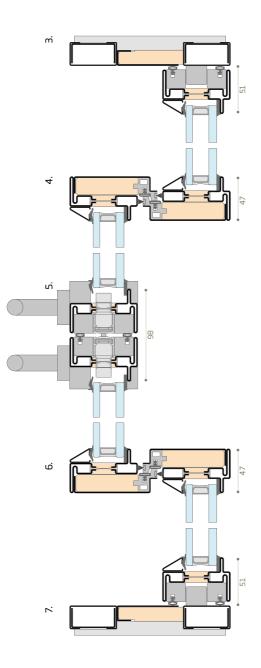
MFOS2 AS

four-sash opening sections



example for IGU up to 38 mm



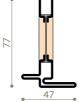


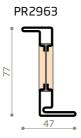
MFOS2 LB

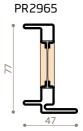
profiles

glazing beads

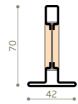
PR2962







PR2972

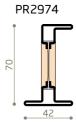


70

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PR2638

PR2973



PR2607 PR2627



PR2606

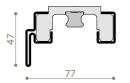


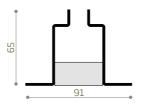


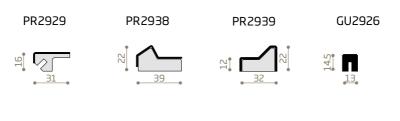






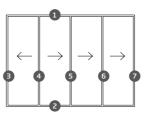




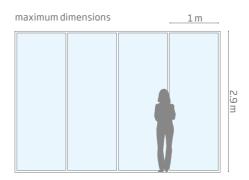


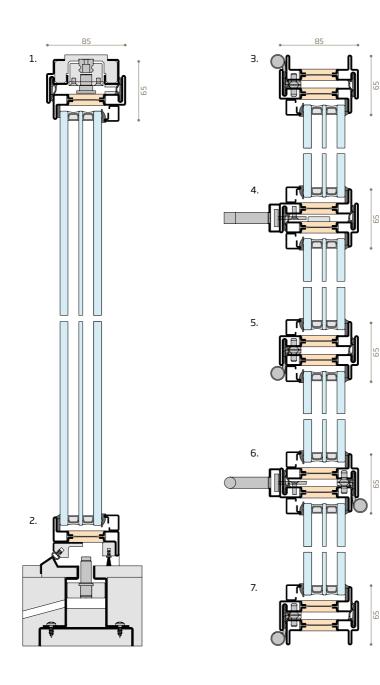
MFOS2 LB

inward opening sections



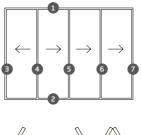




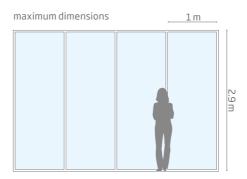


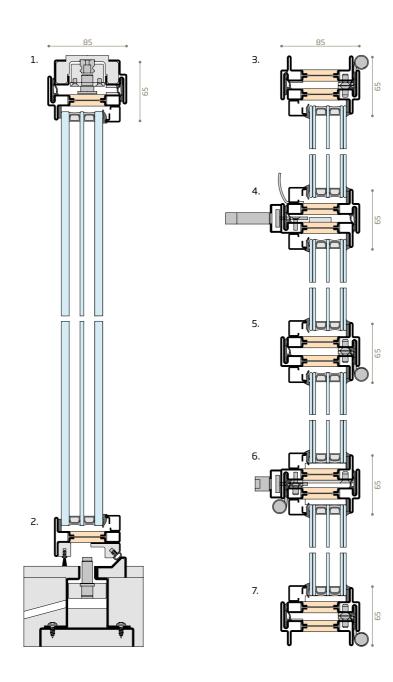
MFOS2 LB

inward opening sections



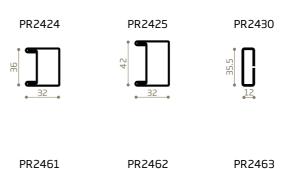




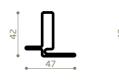


MFOS2 40

profiles

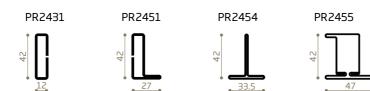








glazing beads PR2415 PR2416 PR2429



PR2464

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27_27

PR2471

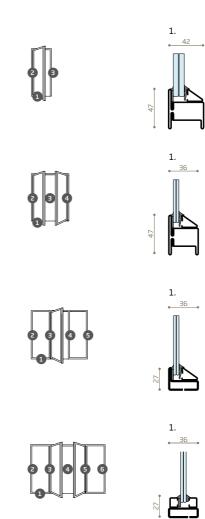
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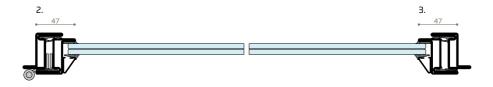
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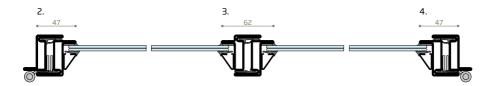


MFOS2 40

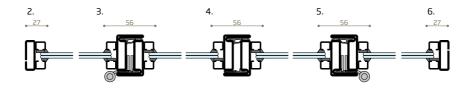
inward opening sections











MFOS2 40

outward opening sections







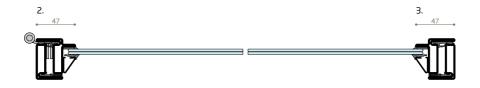


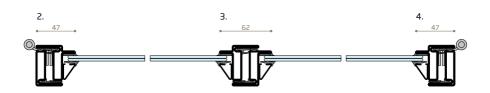


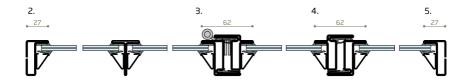


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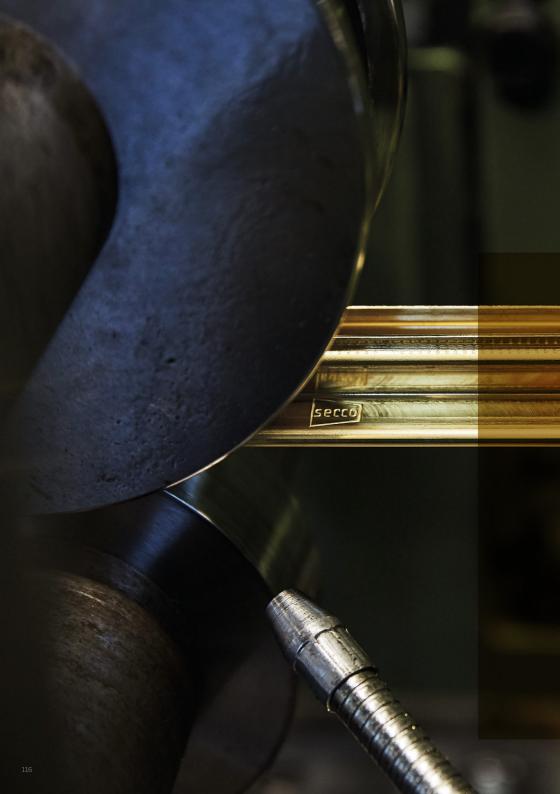














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