

# OS2

Italian elegance  
for doors  
and windows  
compasso  
d'oro award

**METALFORM™**





OS2 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. Awarded the Compasso d'Oro 2018, OS2 represents the synthesis of the mature experience acquired by Secco Sistemi during the course of decades of research and business vocation directed towards continuously exceeding its own goals.

**METALFORM™**



## OS2 75

**OS2 75** is the thermally broken system belonging to the OS2 family, winner of the Compasso d'Oro 2018. The profiles, with visible sections ranging from 27 to 62 mm, house glazing up to 50 mm and allow for many variants in differentiating facade arrangements and opening types, even with a tilt and turn.



p 06 p 78



## OS2 65

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

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## OS2 BV

The OS2 thermally broken system in the **OS2 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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## OS2 AS

The **OS2 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.

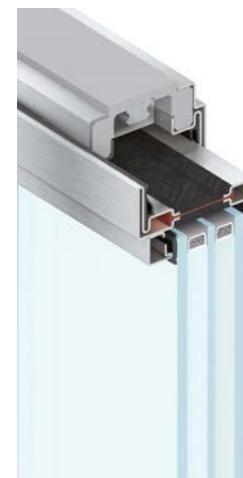
p 36 p 96



## OS2 LB

The thermally broken **OS2 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 x 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.

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## OS2 40

**OS2 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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# OS2 75

With its solid and precious lightness, OS2 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, OS2 75 received the Compasso d'Oro in 2018, the oldest and most authoritative worldwide recognition in the field of design.

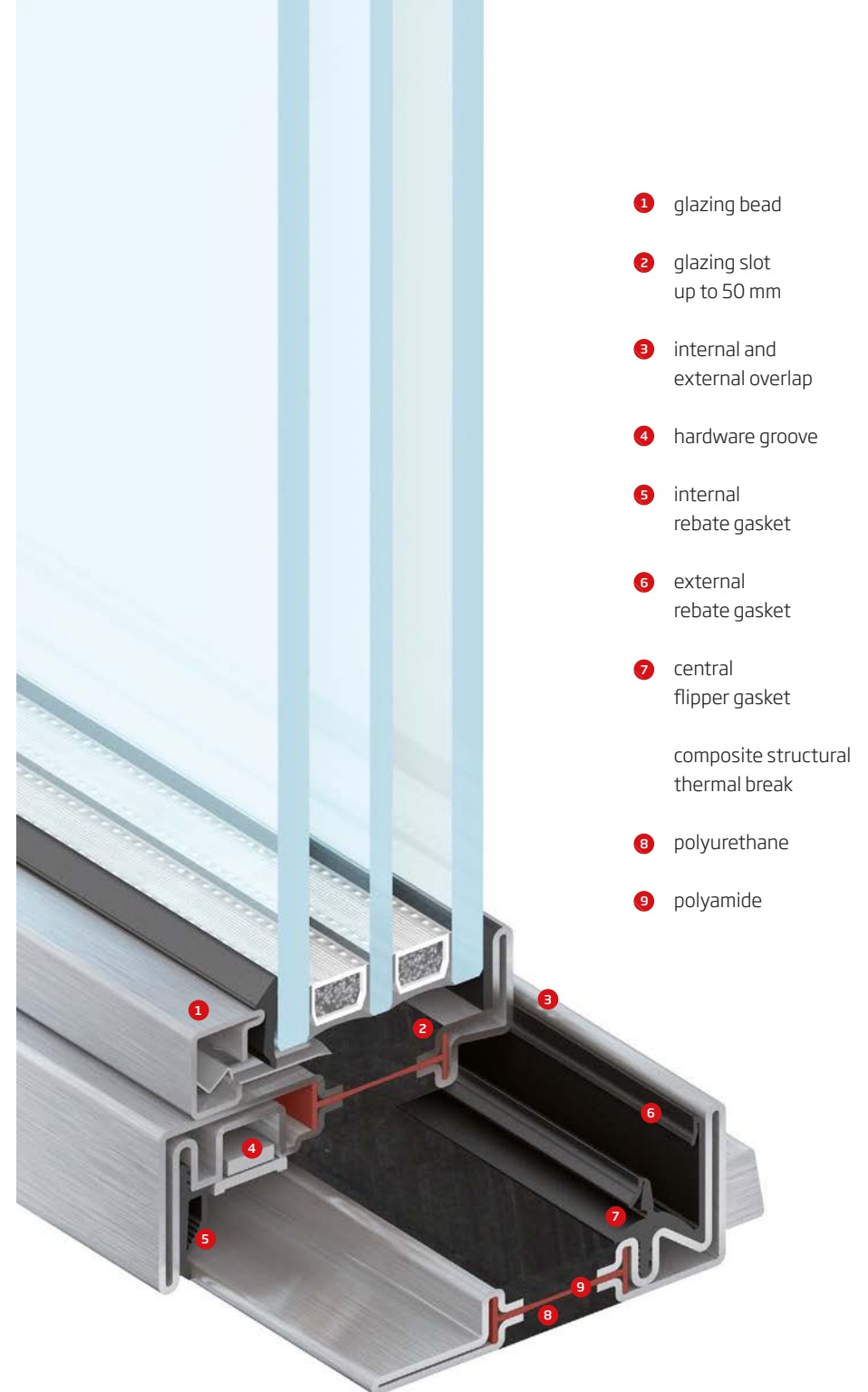


# OS2 75

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

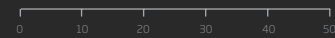
wind resistance - test pressure	5
wind resistance - frame bending	C
water tightness	9A
acoustic performance (with $R_w$ per IGU 42dB)	45 dB
thermal transmittance (with $U_g$ glass 0,7 W/m <sup>2</sup> K)	1,04 W/m <sup>2</sup> K
air permeability	4







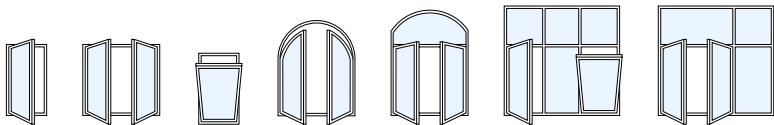
OS2 75 external view blackened stainless steel



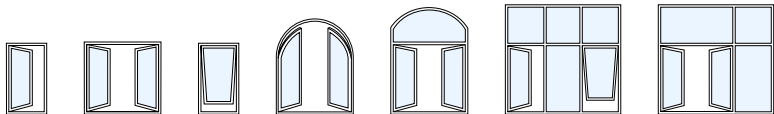
OS2 75 internal view blackened stainless steel

OS2 75 type of opening

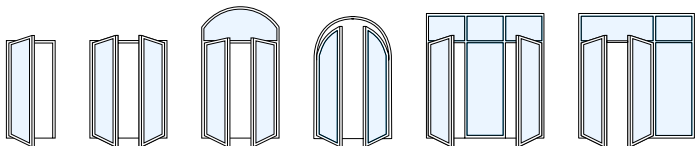
**window**  
inward  
opening  
tilt & turn  
mechanism



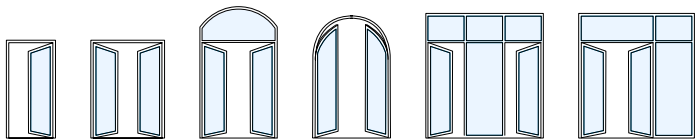
**window**  
outward  
opening



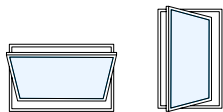
**door**  
inward  
opening



**door**  
outward  
opening

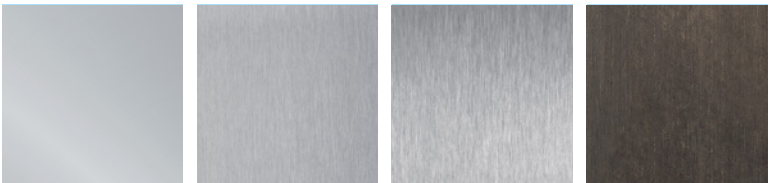


**door and  
window**  
pivoting  
opening



OS2 75 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





**system** OS2 75  
**material** corten steel  
**design** Studiomas with Heinz Tesar  
**officina** Due C Group srl  
**location** Treviso - Italy

# OS2 65

OS2 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 OS2 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.



# OS2 65

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	C
water tightness	8A
acoustic performance (with $R_w$ per IGU 42dB)	43 (-1;-4) dB
thermal transmittance (with $U_g$ glass 0,7 W/m <sup>2</sup> K)	1,38 W/m <sup>2</sup> K
air permeability	4



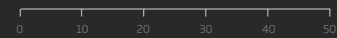




OS2 65 external view corten steel



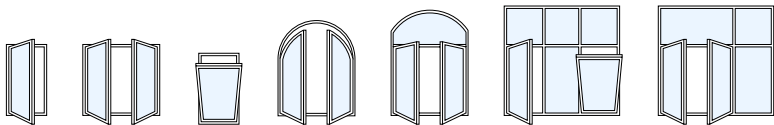
OS2 65 internal view corten steel



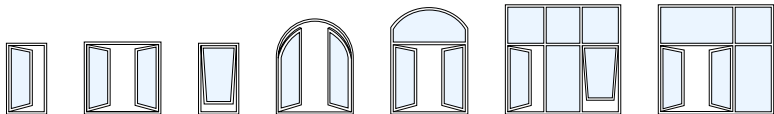


OS2 65 type of opening

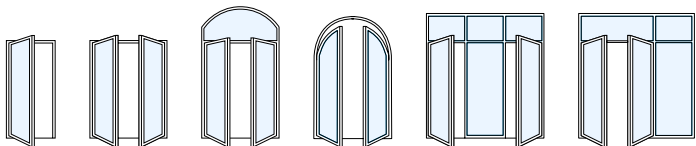
**window**  
inward  
opening  
tilt & turn  
mechanism



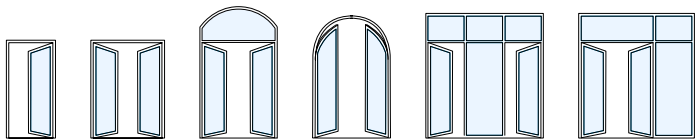
**window**  
outward  
opening



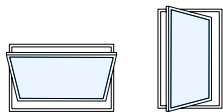
**door**  
inward  
opening



**door**  
outward  
opening

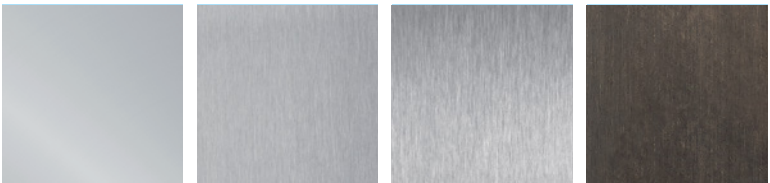


**door and  
window**  
pivoting  
opening



OS2 65 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**



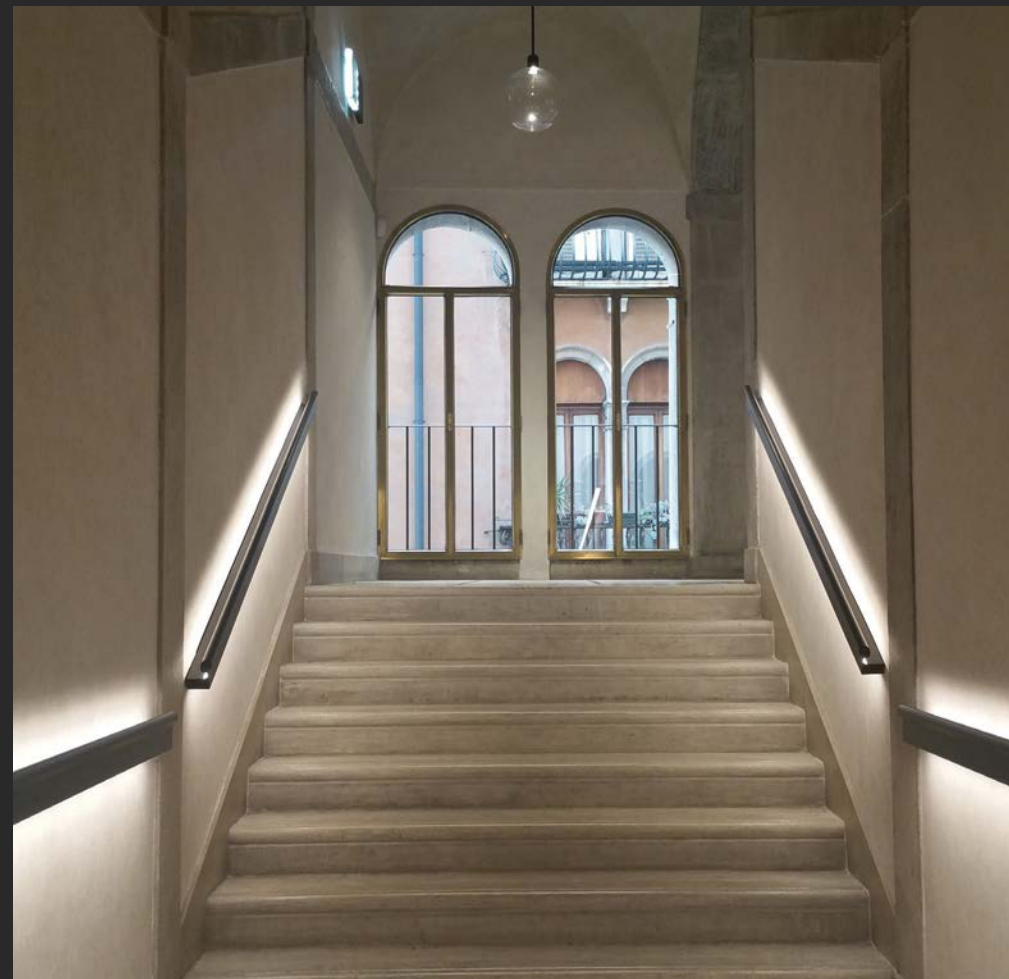
oxidised corten steel    waxed oxidised corten steel

**brass**



patinated OT67 brass    satin-finished OT67 brass

OS2 65 Fondaco dei Tedeschi, Venice



**system** OS2 65  
**material** natural brass  
**design** OMA Rem Koolhaas  
**officina** Gualini spa  
**location** Venice - Italy



# OS2 BV

OS2 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 OS2 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.

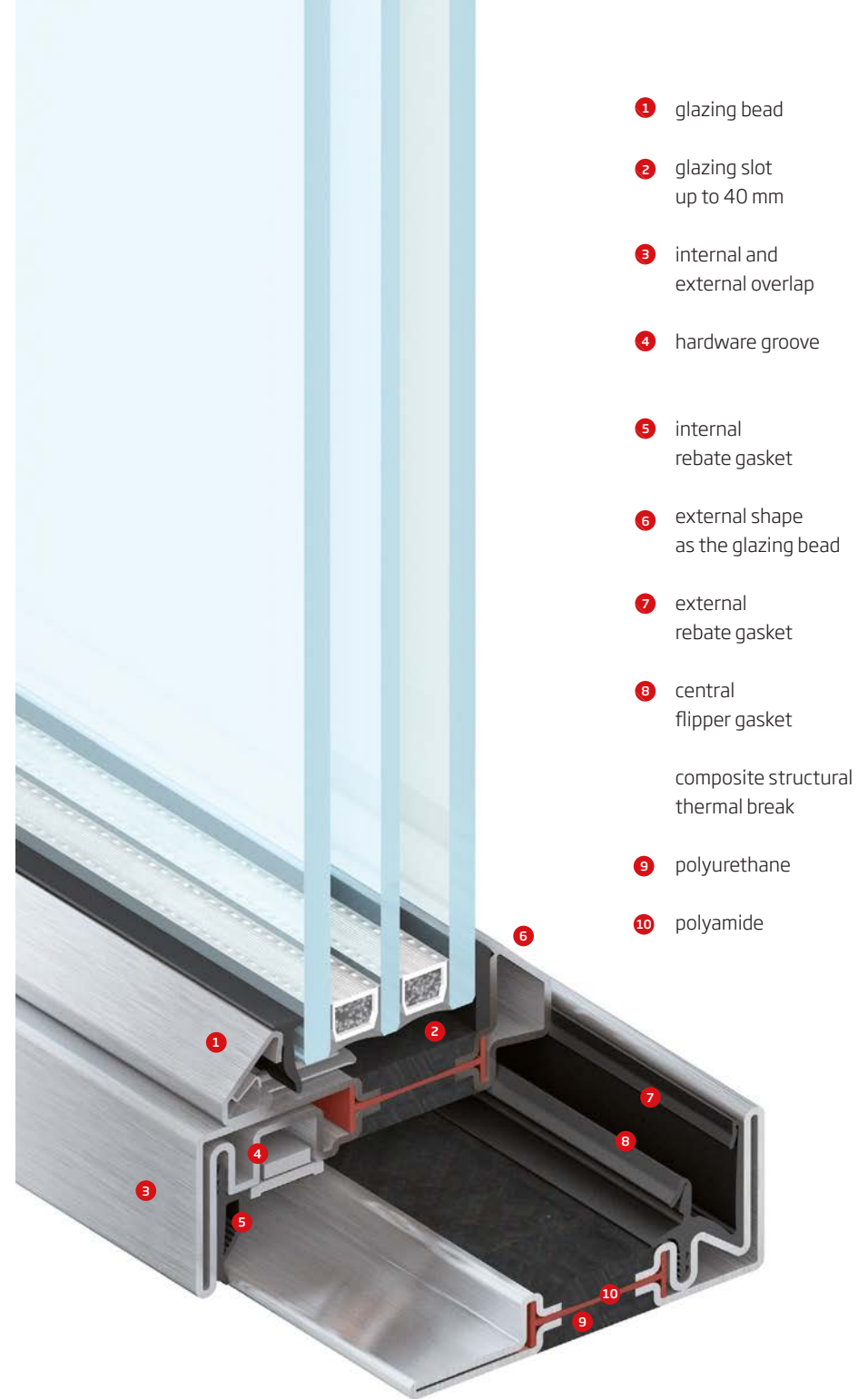


# OS2 BV

in the BV variant of OS2 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

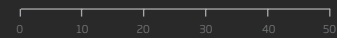
wind resistance - test pressure	5
wind resistance - frame bending	C
water tightness	9A
acoustic performance (with $R_w$ per IGU 42dB)	45 dB
thermal transmittance (with $U_g$ glass 0,7 W/m <sup>2</sup> K)	1,04 W/m <sup>2</sup> K
air permeability	4







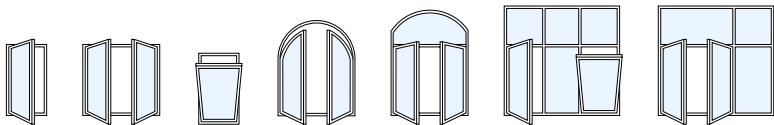
OS2 BV external view corten steel



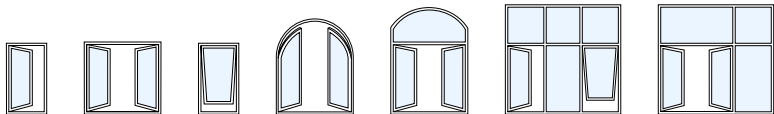
OS2 BV internal view corten steel

OS2 BV type of opening

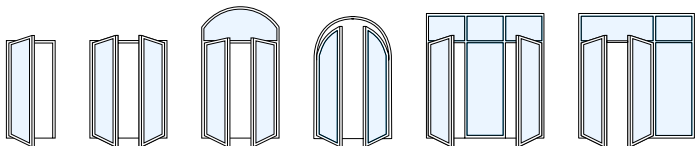
**window**  
inward  
opening  
tilt & turn  
mechanism



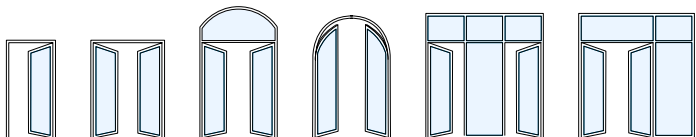
**window**  
outward  
opening



**door**  
inward  
opening

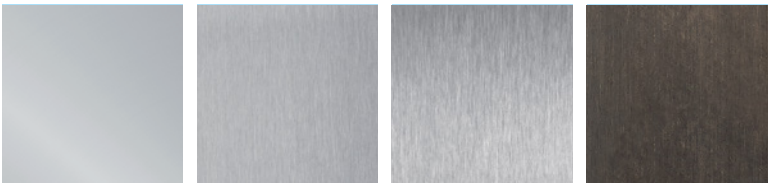


**door**  
outward  
opening



OS2 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





**system** OS2 BV

**material** painted galvanised steel

**design** Petra and Paul Kahlfeldt

**officina** Jens Schröter Metallbau GmbH

**location** Berlin - Germany



# OS2 AS

The elegant sashes are integrated into a lift-and-slide door system, enhancing the facades just as much as the interior spaces. With the same minute and performant profiles, OS2 AS fits into the composition of facade arrangements in continuity with the system OS2 75, 65 and LB, maintaining aesthetic and performance features thanks to a set of dedicated components, specifically designed for the lift-and-slide technology.





# OS2 AS

OS2 AS integrates the lift and slide sashes into the OS2 system with perfect 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	B
water tightness	5A
thermal transmittance (with Ug glass 0,7 W/m2K)	1,1 W/m2K
air permeability	4





OS2 AS external view patinated brass

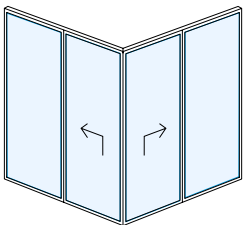
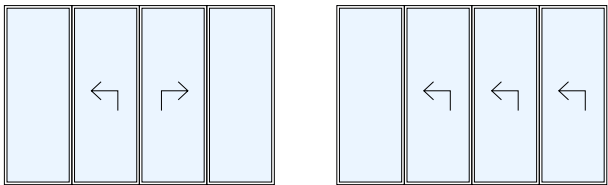
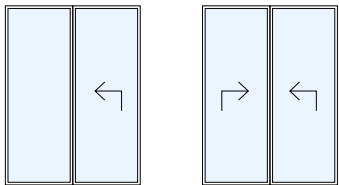


0 10 20 30 40 50

OS2 AS internal view patinated brass

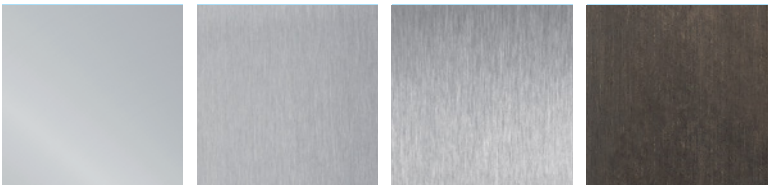
OS2 AS type of opening

lift-and-slide  
door



OS2 AS materials

stainless  
steel



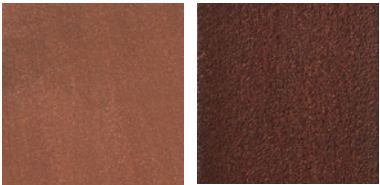
polished 316L stainless steel    scotch brite 316L stainless steel    satin-finished 304 stainless steel    blackened 316L stainless steel

galvanised  
steel



painted galvanised steel

corten  
steel



oxidised corten steel    waxed oxidised corten steel

brass



patinated OT67 brass    satin-finished OT67 brass

## OS2 AS Courtyard House, California



**system** OS2 AS, EBE 65  
**material** galvanised steel 'patinated black'  
**design** Ken Linsteadt Architects  
**officina** Jada Windows  
**location** California - USA



# OS2 LB

OS2 LB integrates the free opening in the OS2 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.

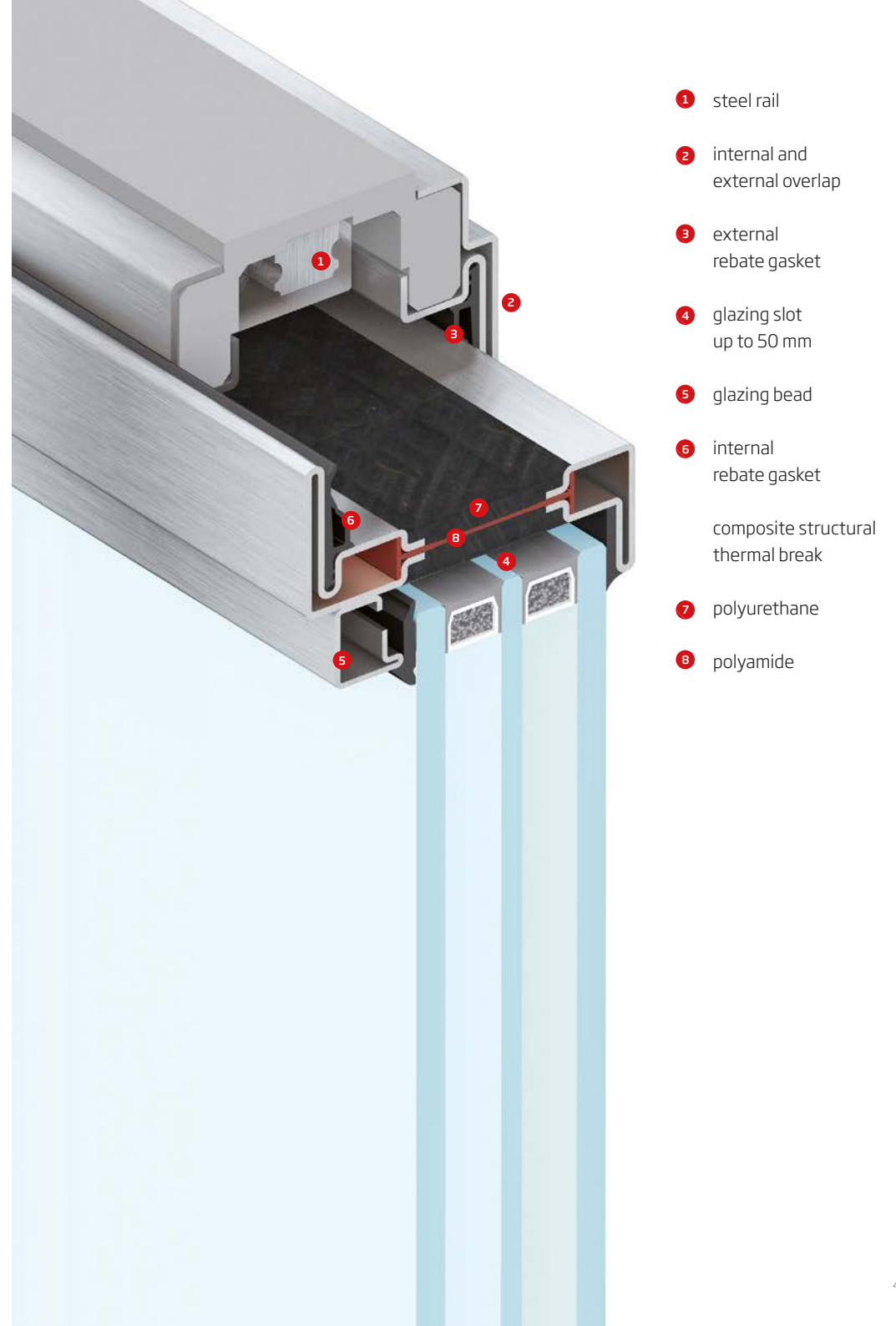


# OS2 LB

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	C
water tightness	5A
thermal transmittance (with Ug glass 0,7 W/m2K)	1,3 W/m2K
air permeability	4



OS2 LB



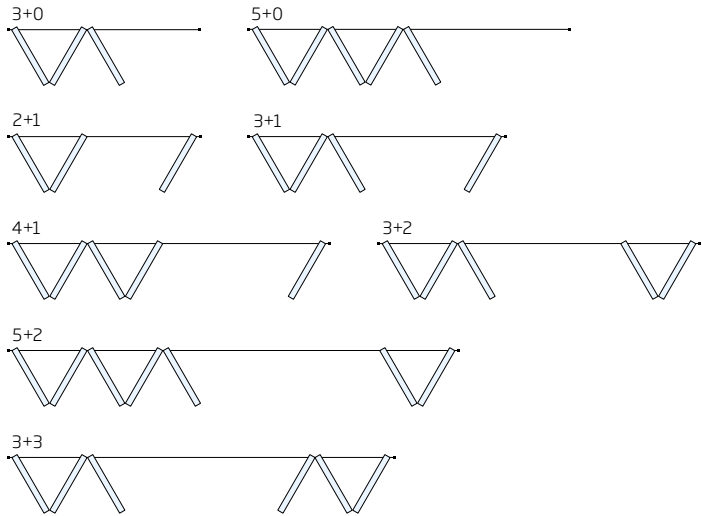
OS2 LB internal view corten steel

OS2 LB opening detail corten steel

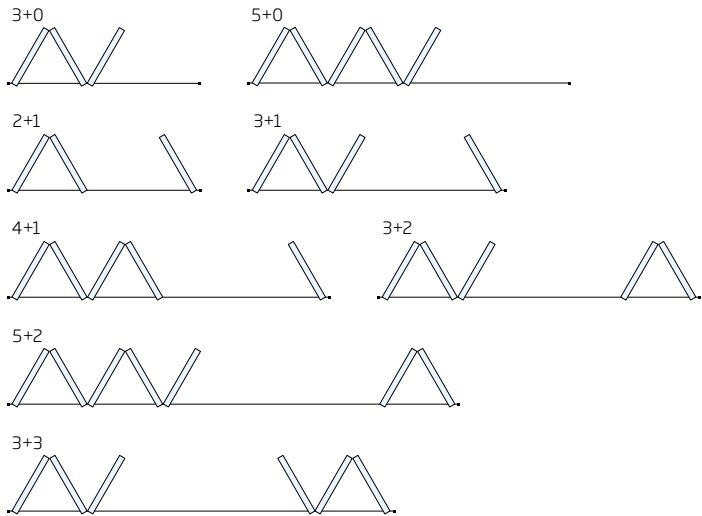


OS2 LB type of opening

door and  
window  
inward  
opening



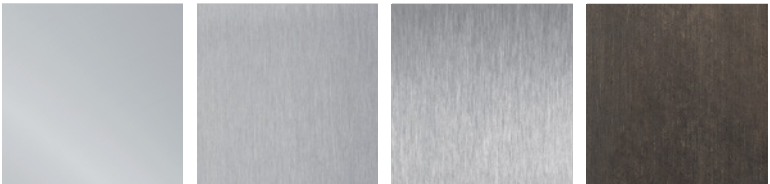
door and  
window  
outward  
opening



technical drawings p 102

OS2 LB materials

stainless  
steel



galvanised  
steel



painted  
galvanised steel

corten  
steel



brass



OS2 LB Villa-Ranch, California



**system** OS2 LB

**material** galvanised steel 'patinated black'

**design** Backen, Gillam and Kroeger

**officina** Jada Windows

**location** California - USA

# OS2 40

The maximum quality in a system reduced to the essentials: OS2 40. Designed for interior design projects, the agile and lightweight tubular profiles reproduce the same image of the OS2 windows and doors in the glass partitions, creating an effect of continuity between interiors and the building envelope.



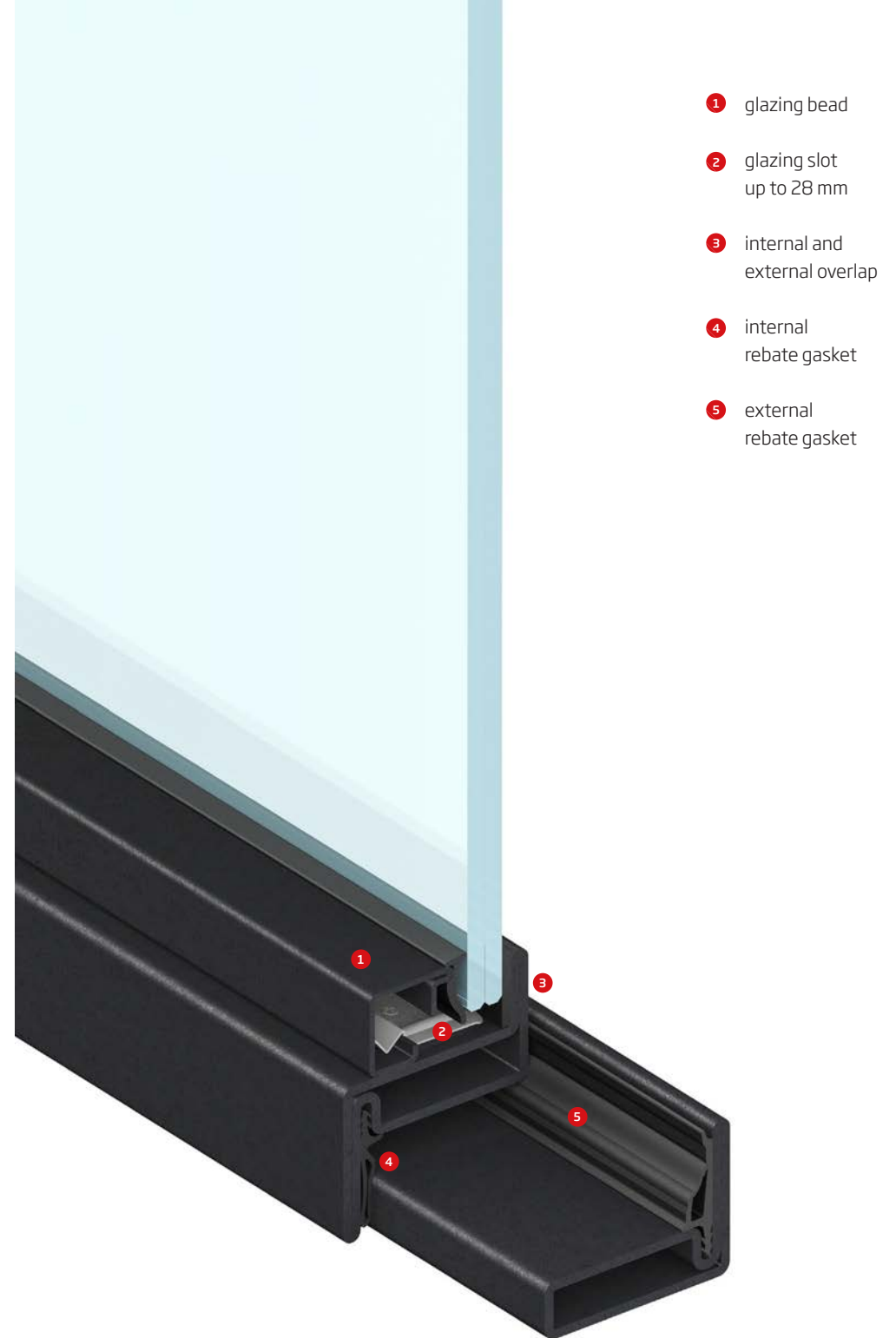


# OS2 40

the visible sections range from 12 to 47 mm while the depth is reduced to 42 mm, for glazing up to 15 mm. OS2 40 is the ideal system for lightweight doors and window or internal partitions.

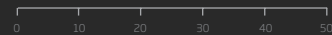
maximum achievable performance

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





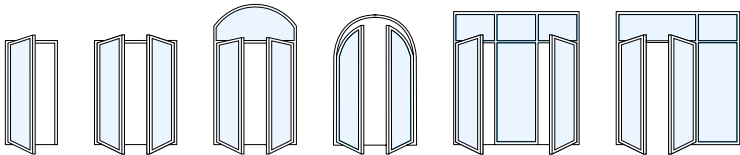
OS2 40 external view painted pickled steel



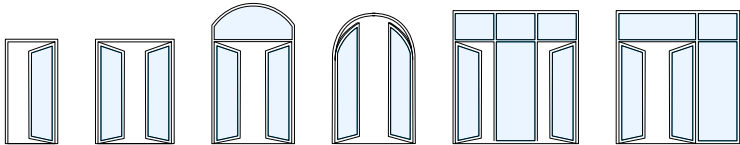
OS2 40 internal view painted pickled steel

OS2 40 type of opening

**door**  
inward  
opening

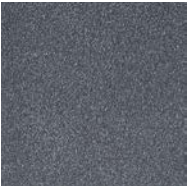


**door**  
outward  
opening



OS2 40 materials

**pickled  
steel**



**painted  
pickled steel**



## OS2 40 Guest Pavilion, Sa Tuna



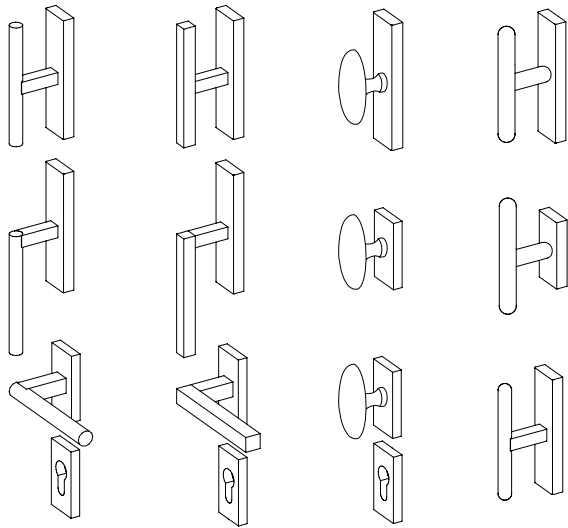
**systems** EBE 65, OS2 40  
**material** corten steel and painted pickled steel  
**design** his is Arquitectura  
**officina** Alumilux & Metall-lux  
**location** Sa Tuna, Costa Brava - Spain





# handles

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



truncated

square

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



thin



gothic



triangular



rectangular



spindle



gothic  
glazing  
bead

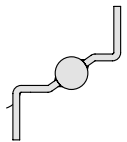


squared  
glazing  
bead

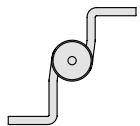


# hinges

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

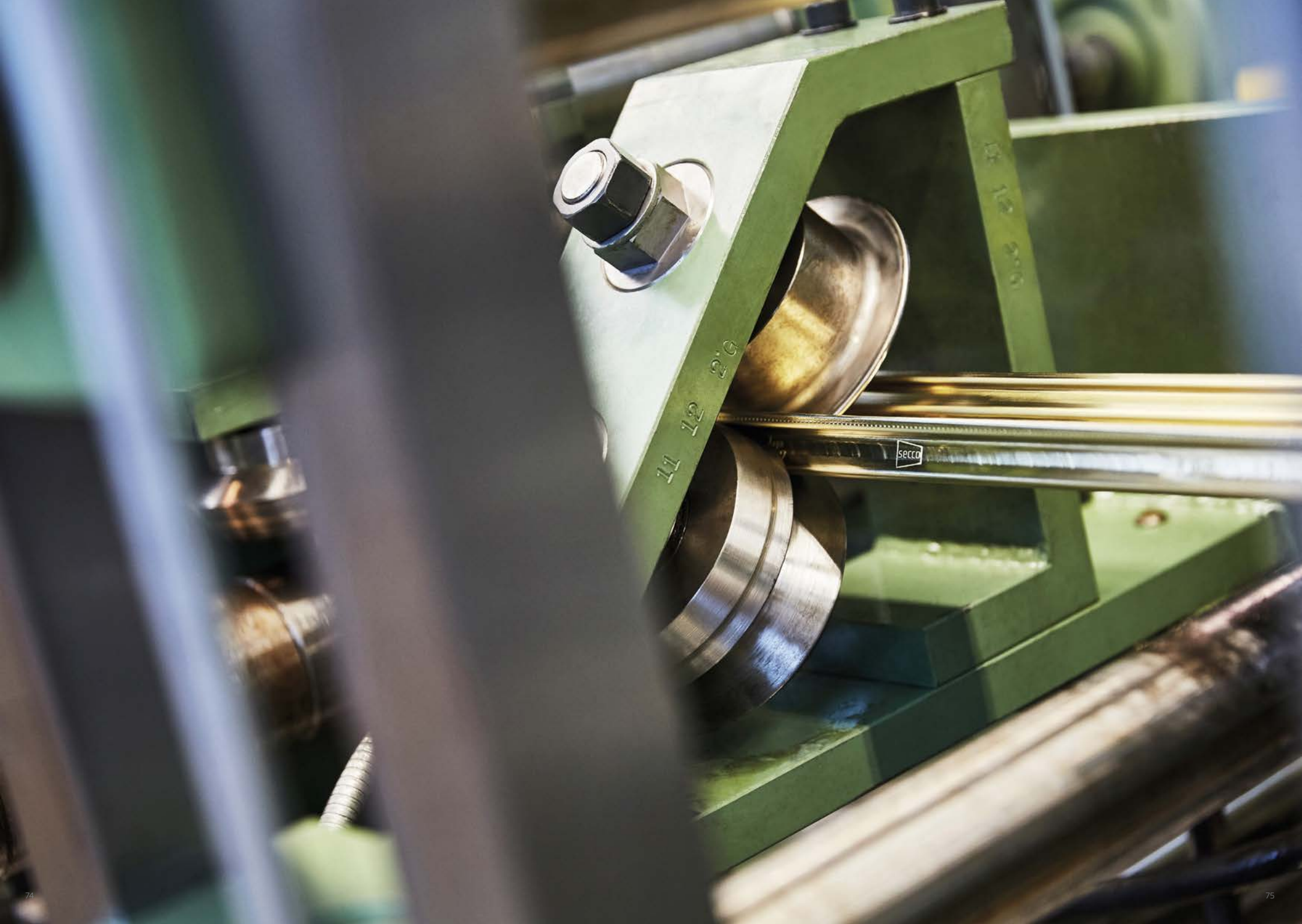


three-winged  
Ø 15 mm



weld-on  
Ø 13 mm



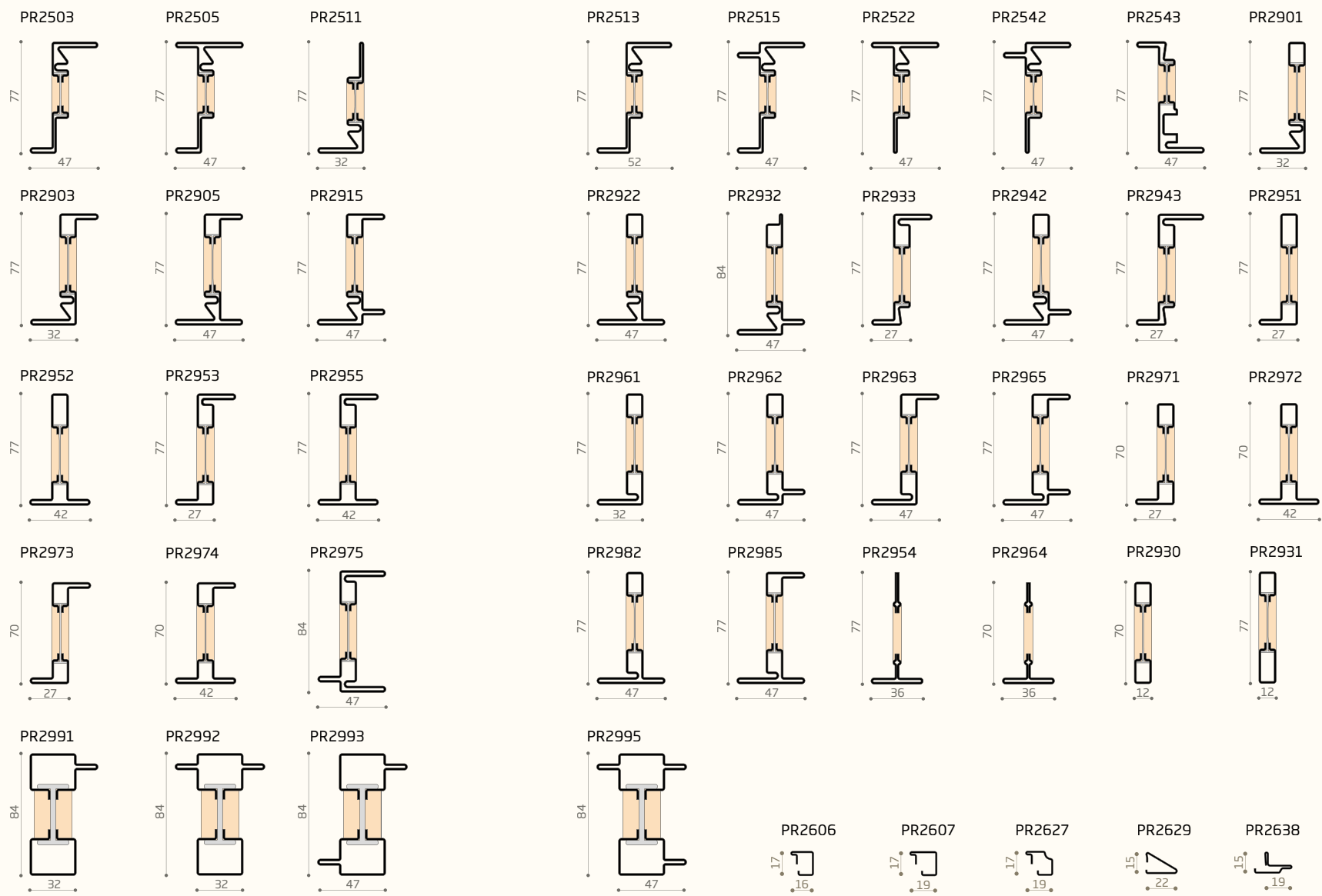




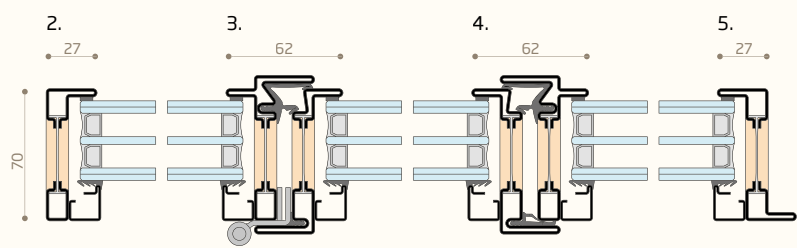
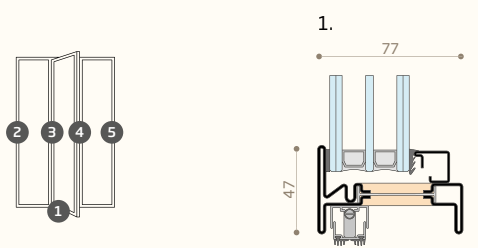
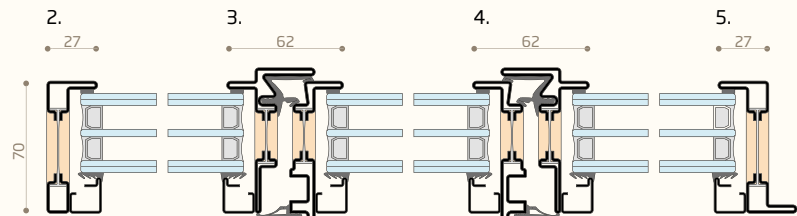
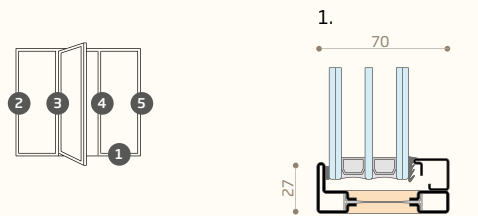
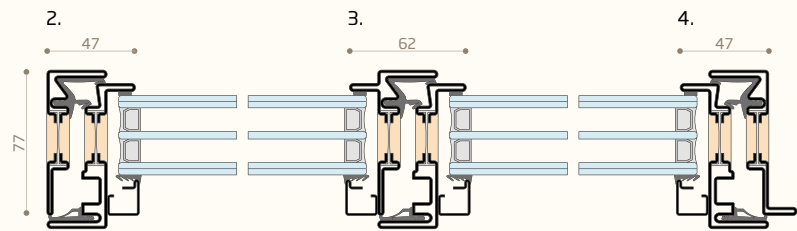
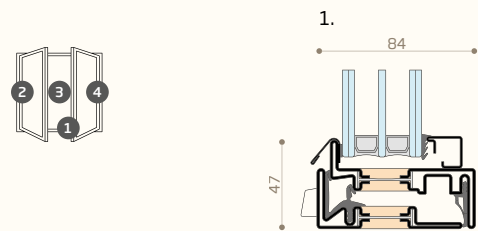
# design together

the main hubs of OS2 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

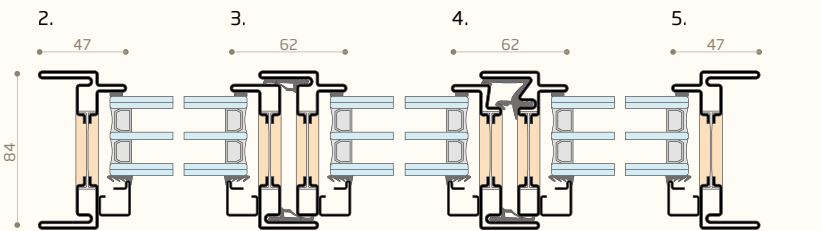
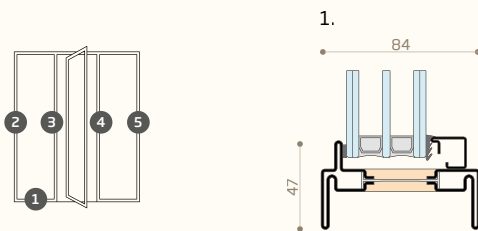
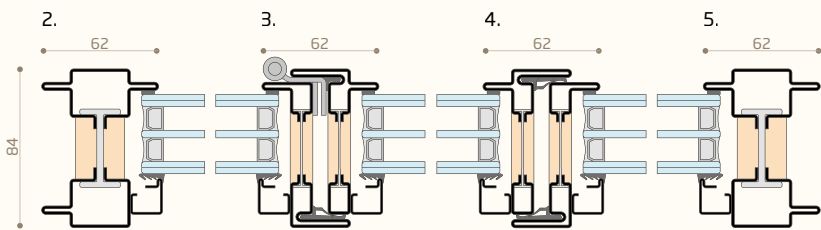
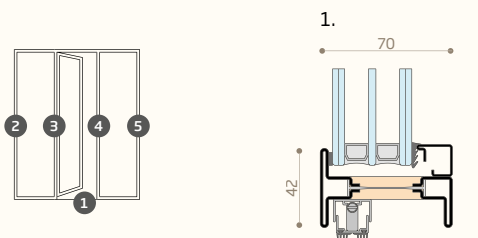
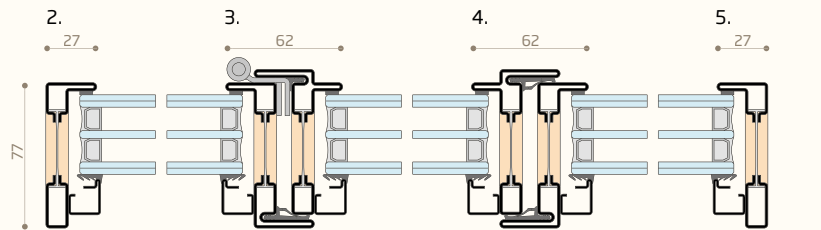
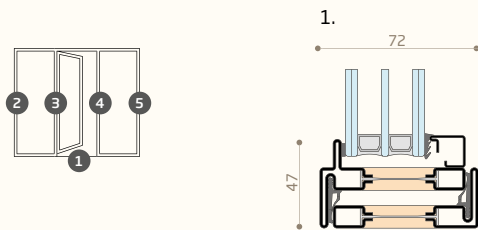
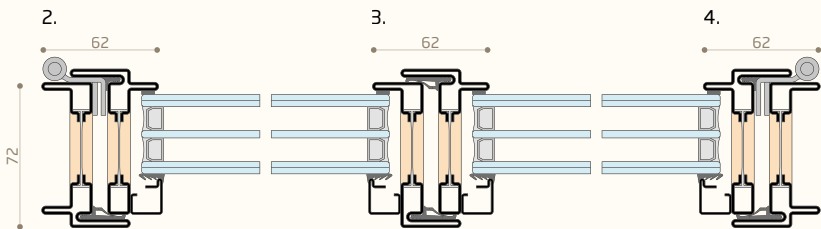
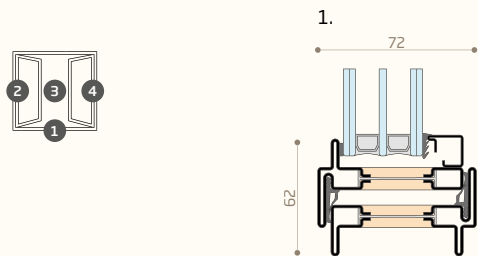


inward  
opening  
sections

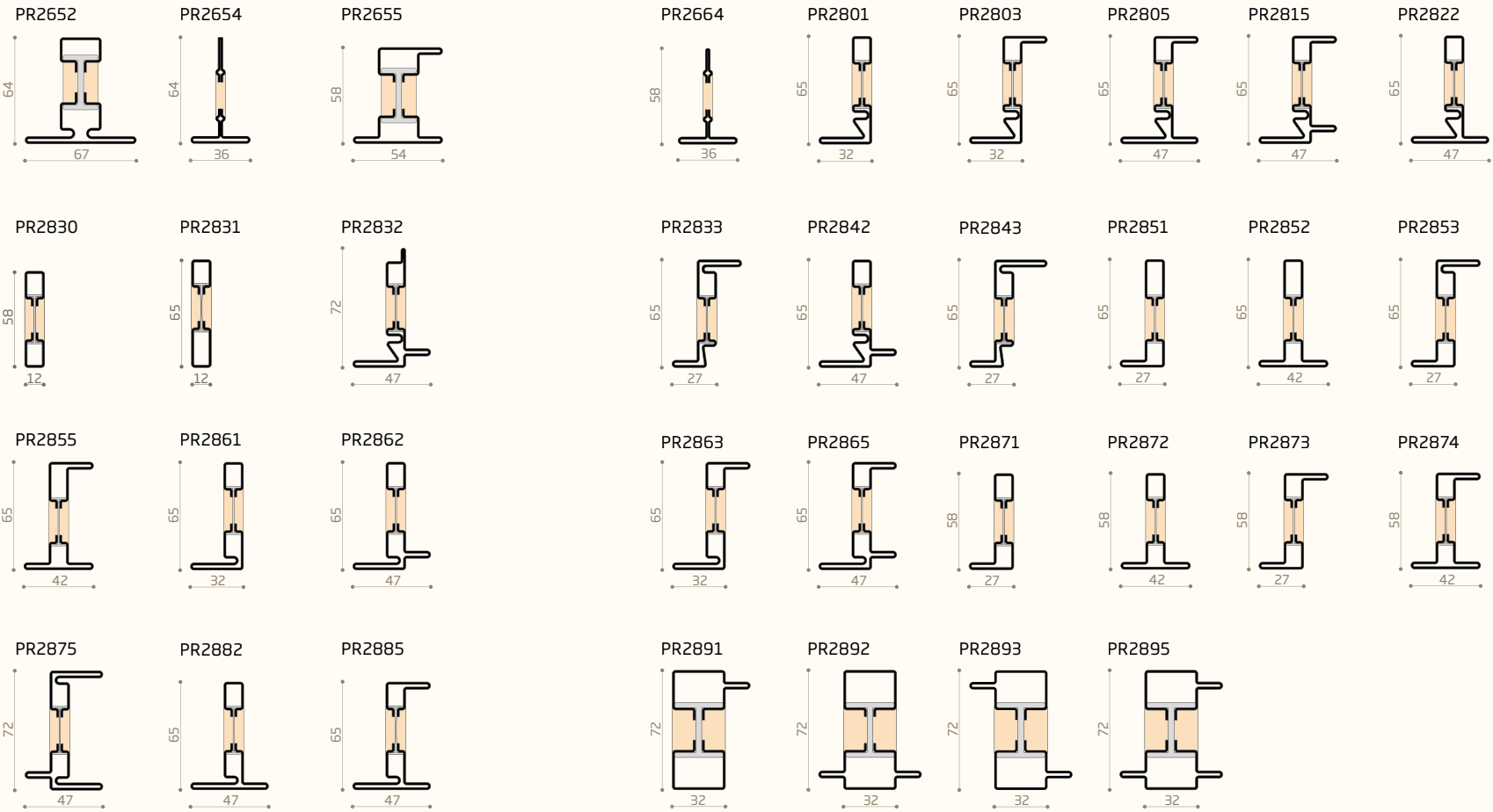




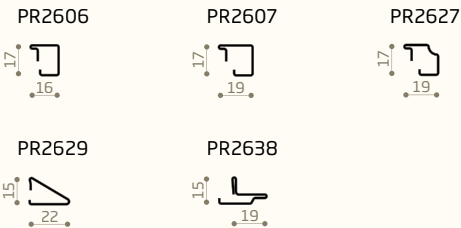
outward  
opening  
sections



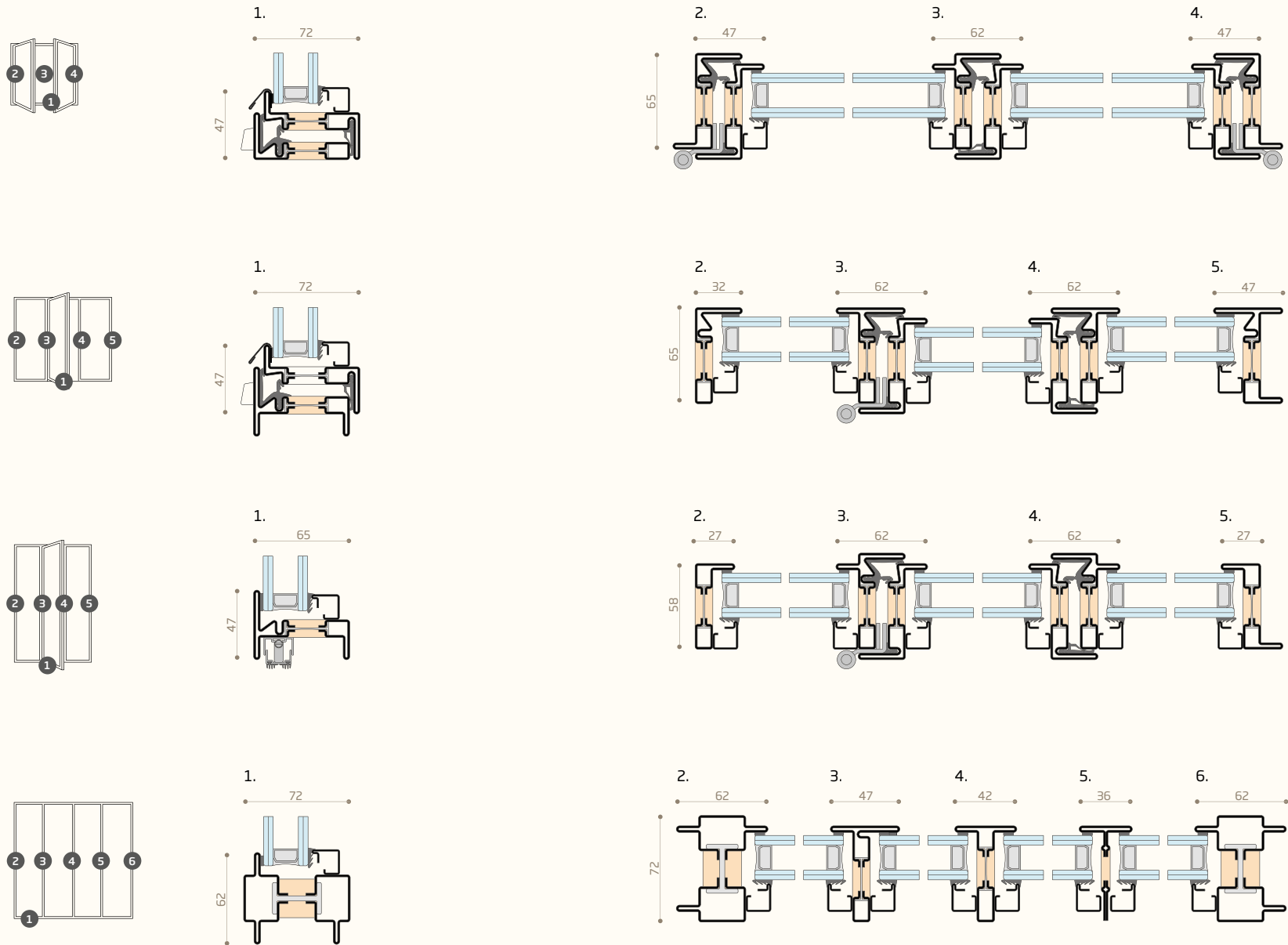
profiles



glazing beads

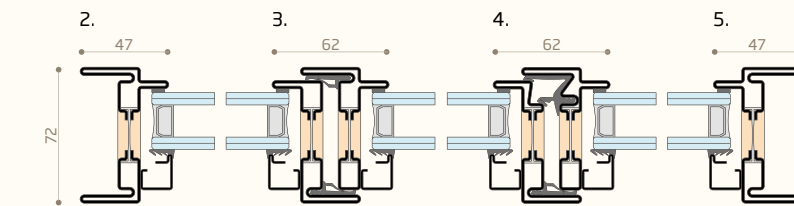
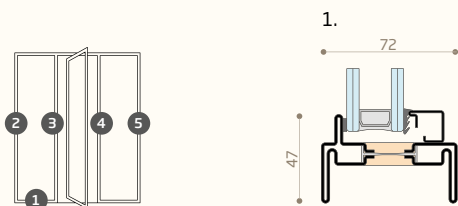
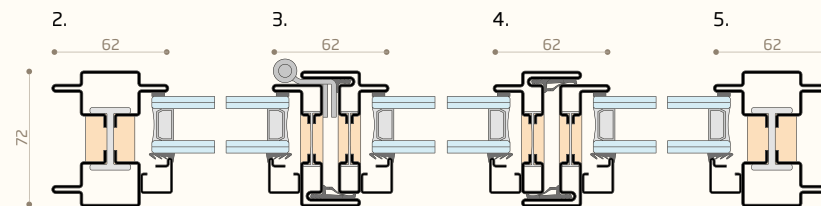
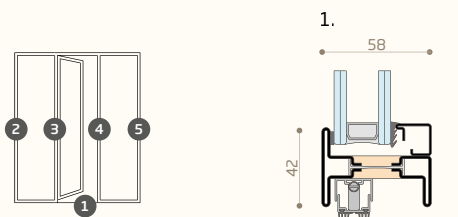
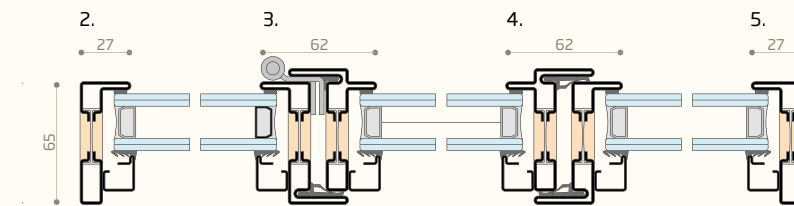
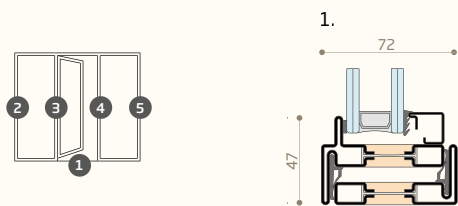
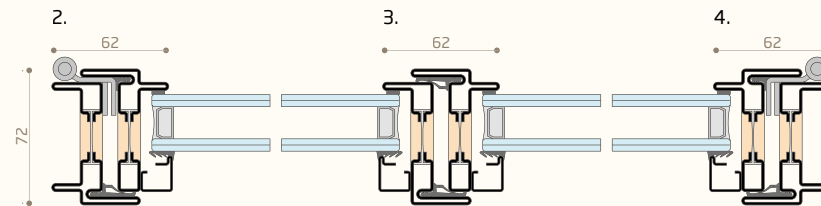
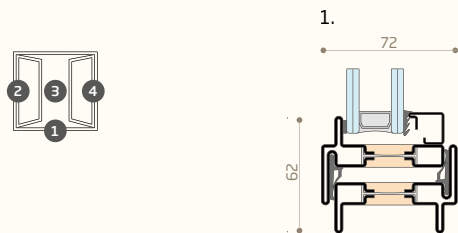


inward  
opening and  
fixed pane  
sections

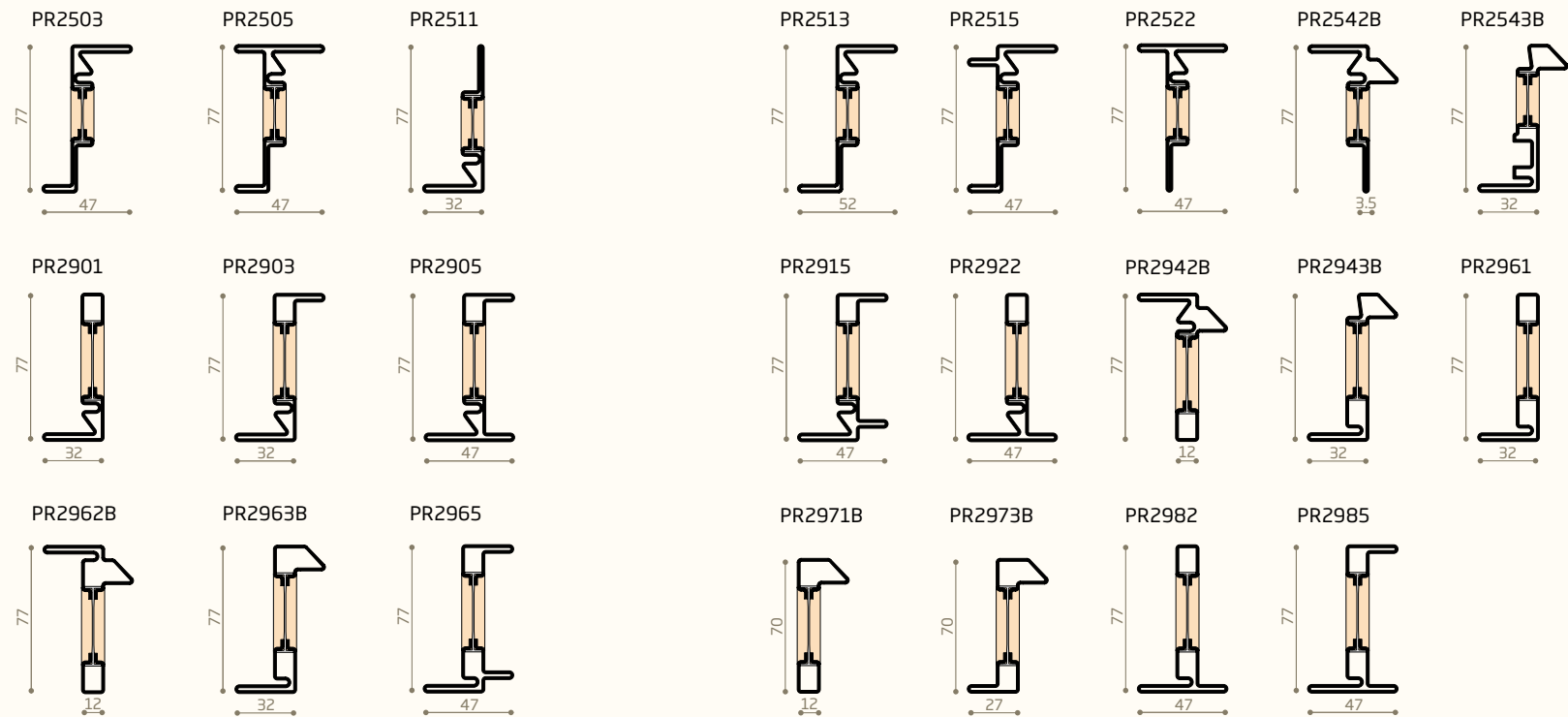




outward  
opening  
sections



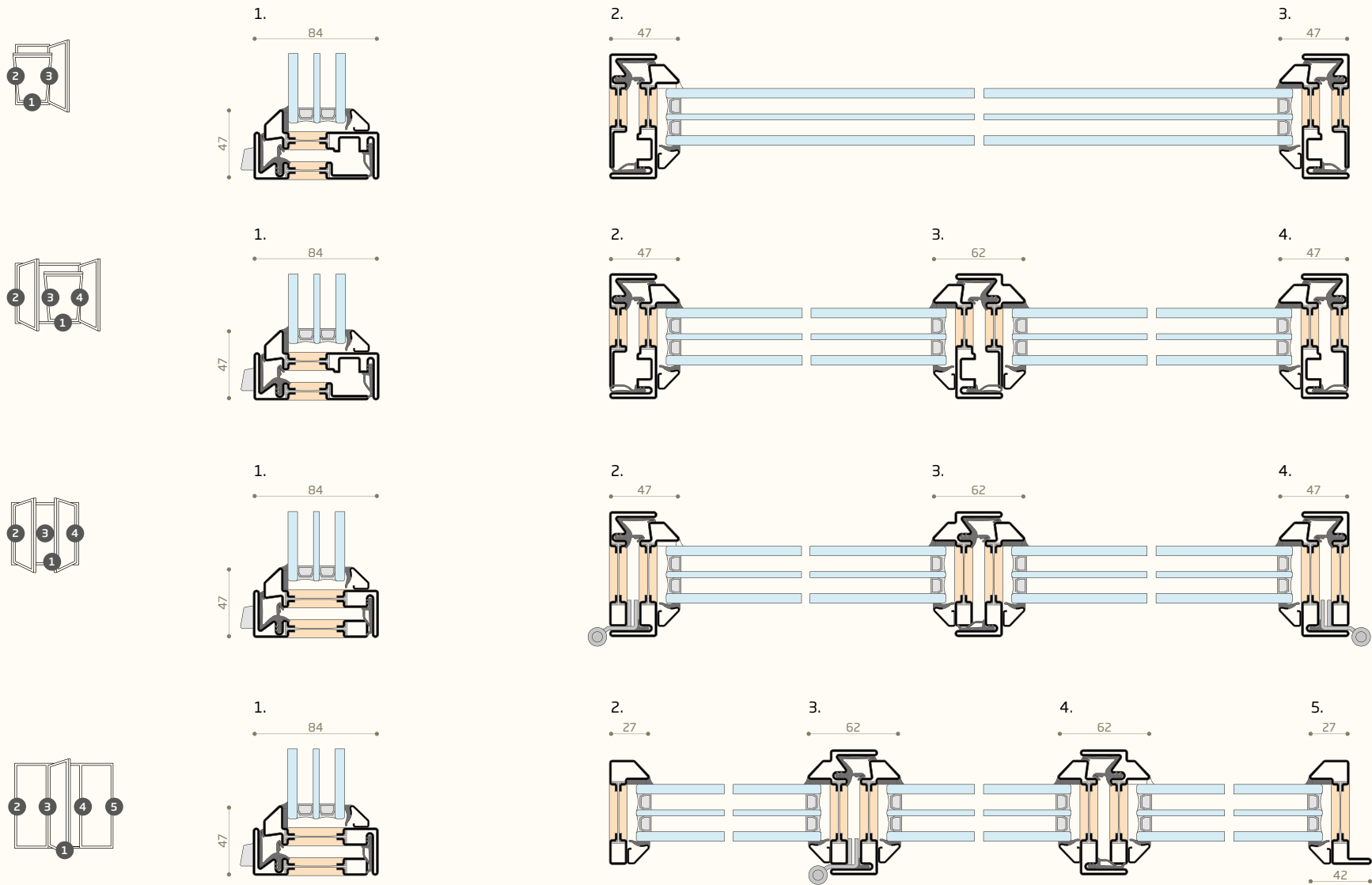
profiles



glazing beads

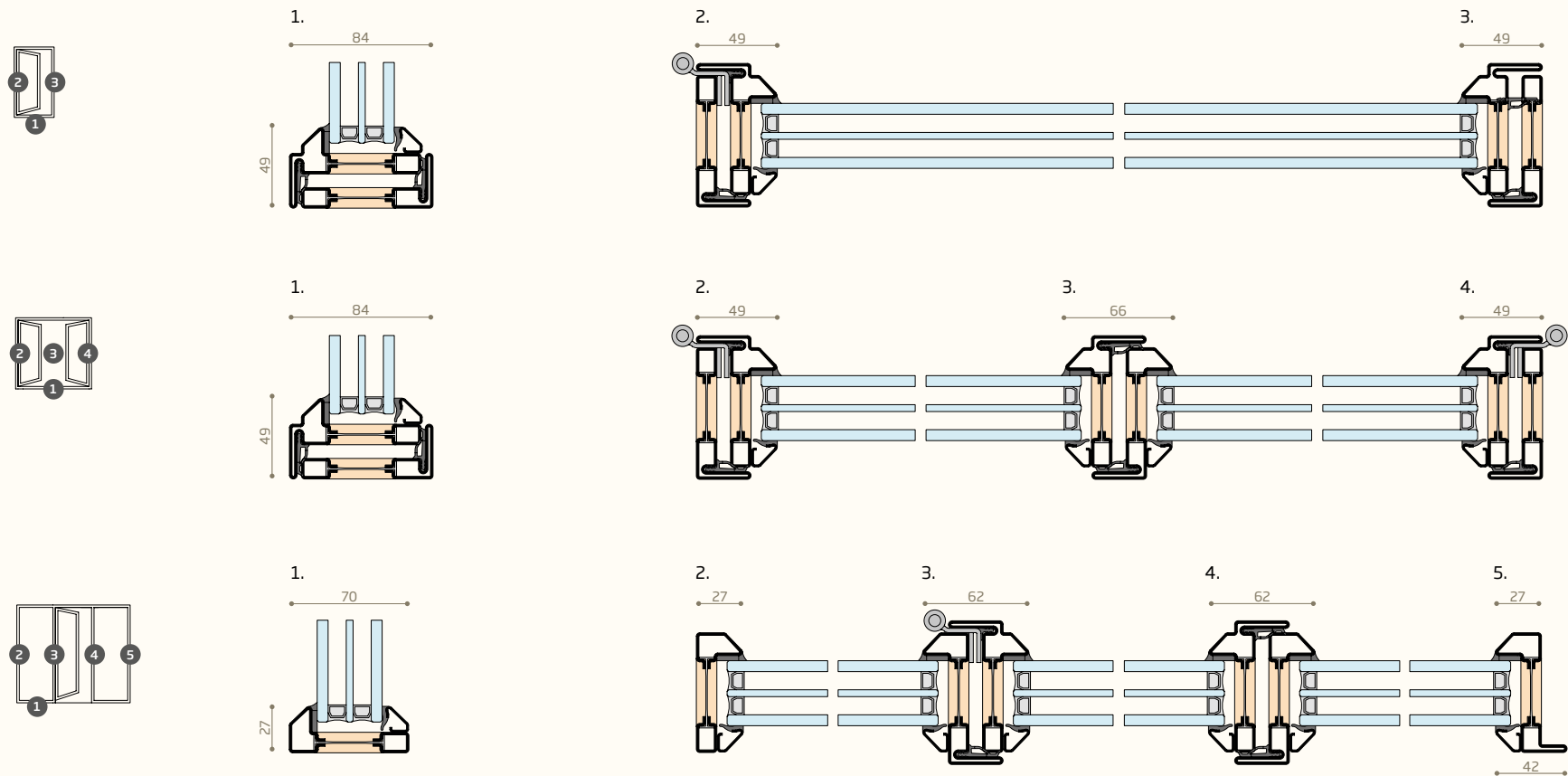


inward  
opening  
sections



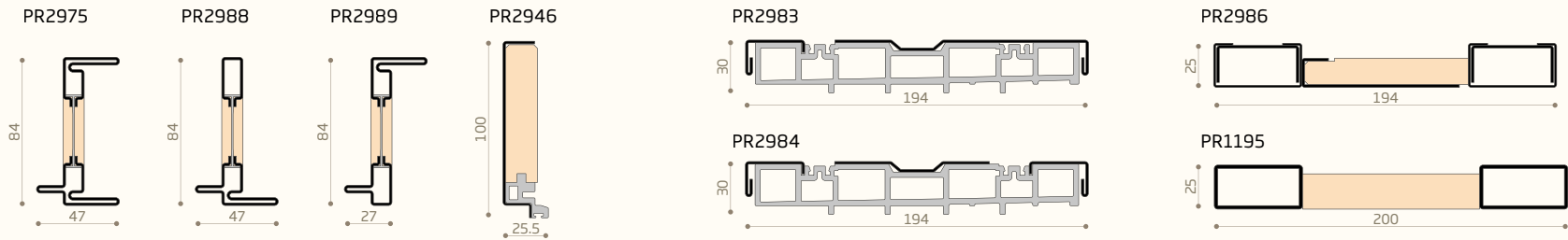


outward  
opening  
sections

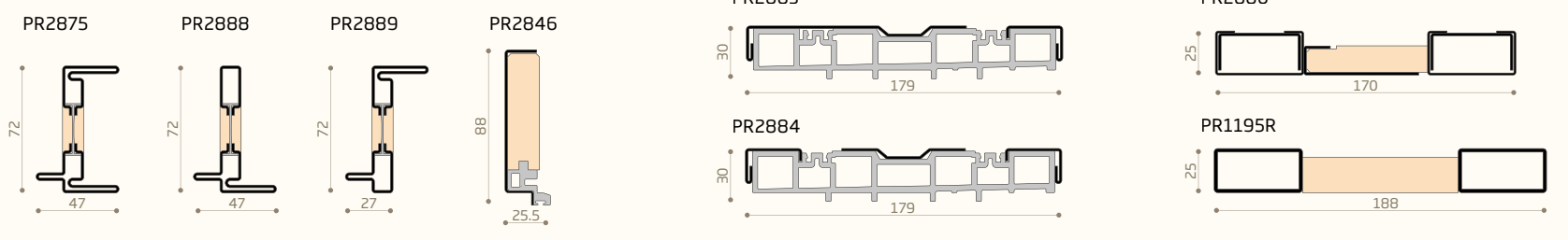


OS2 AS

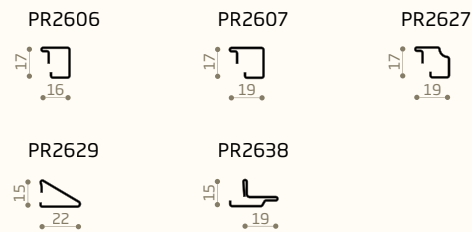
profiles  
for IGU up  
to 50 mm



profiles  
for IGU up  
to 38 mm

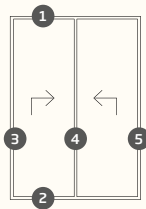


glazing beads

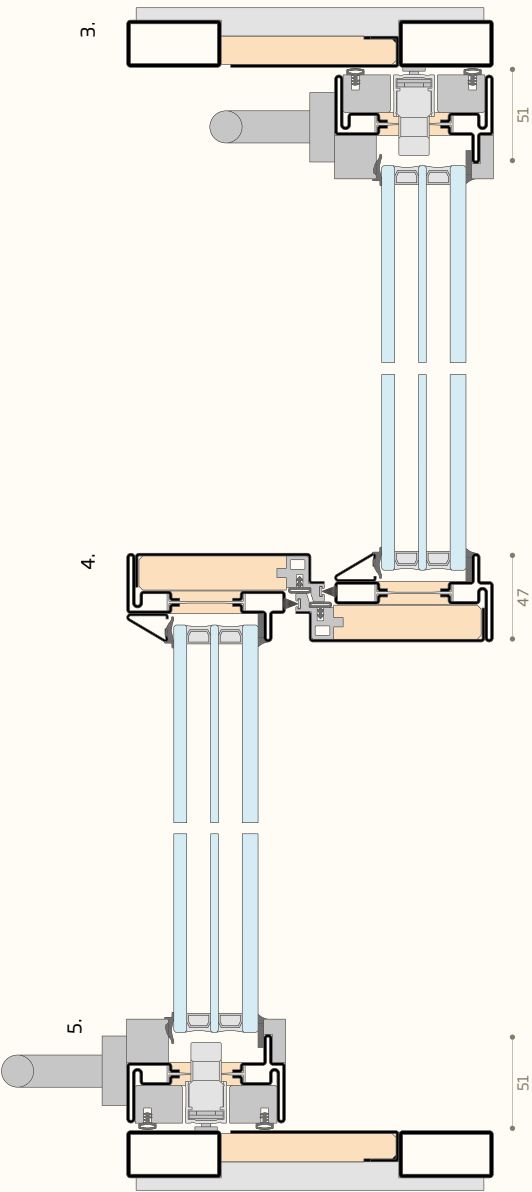
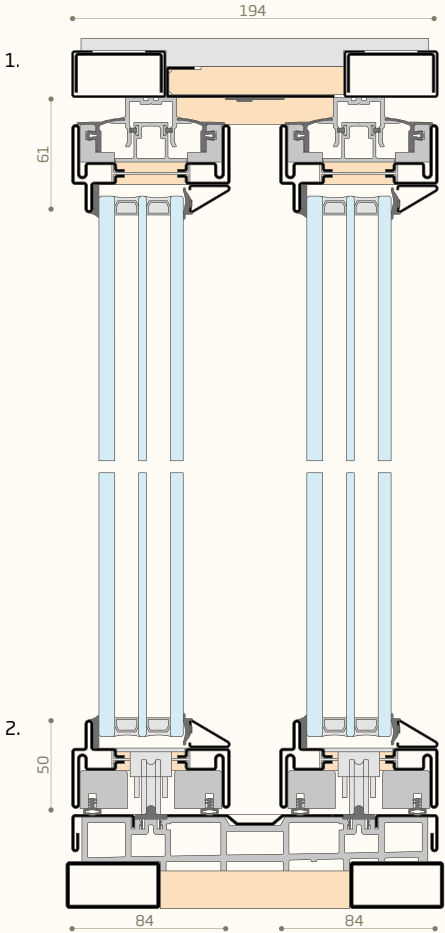


OS2 AS

two-sash  
opening  
sections



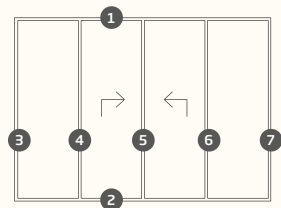
example for IGU  
up to 50 mm



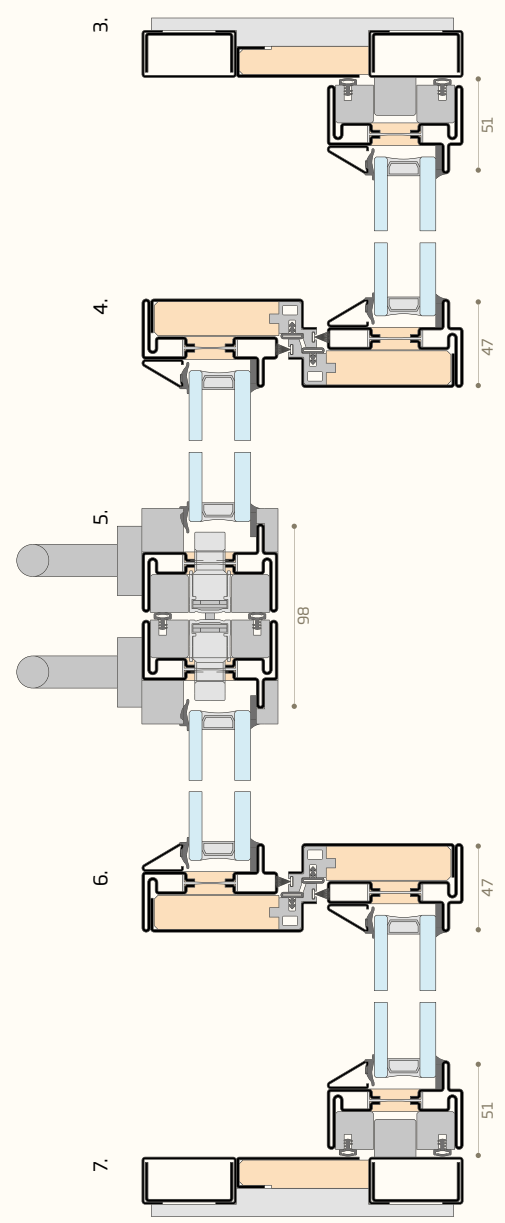
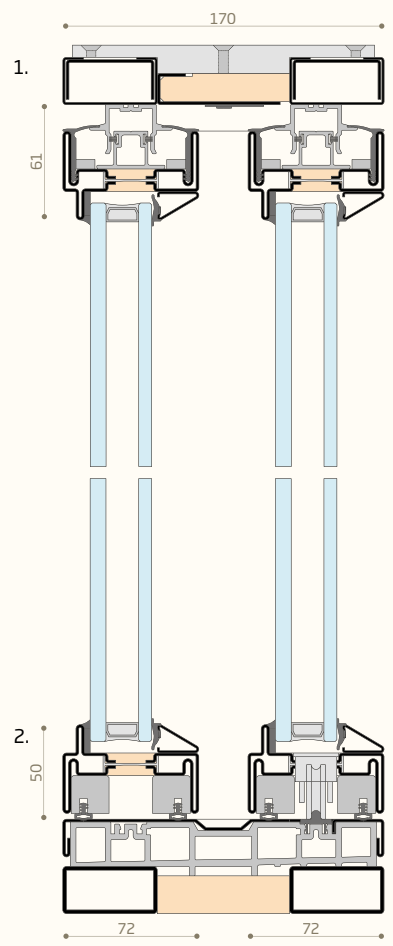


OS2 AS

four-sash  
opening  
sections

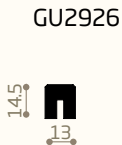
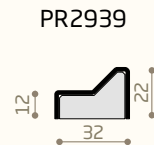
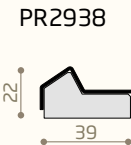
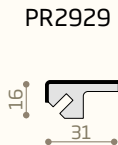
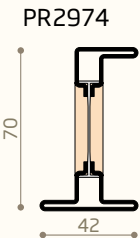
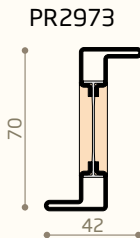
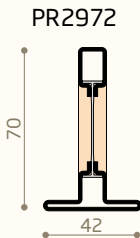
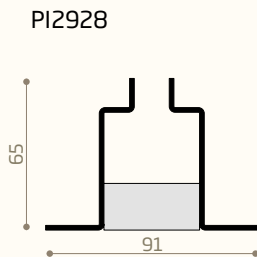
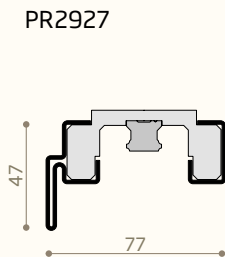
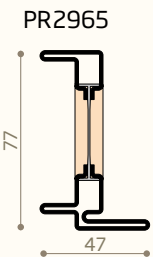
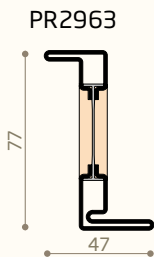
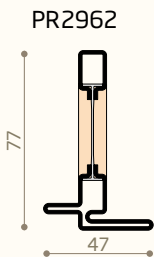


example for IGU  
up to 38 mm



OS2 LB

profiles

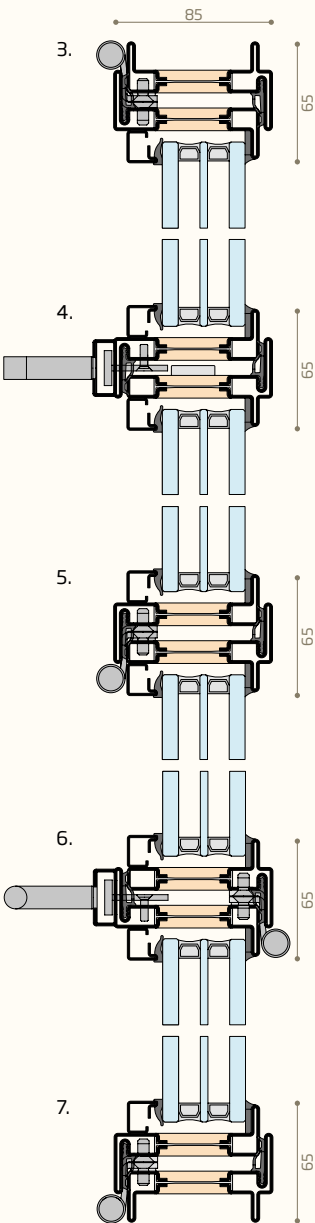
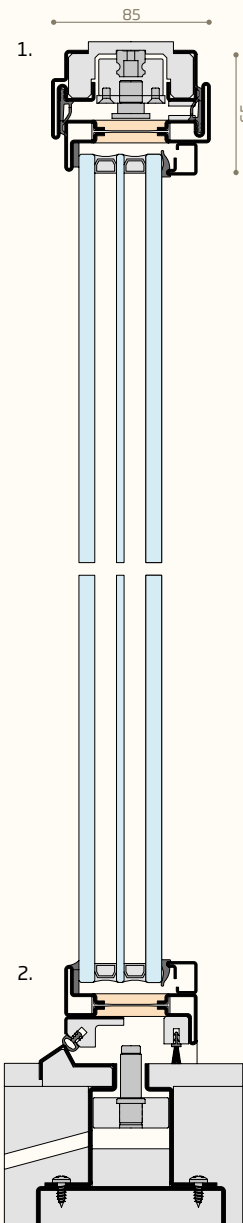
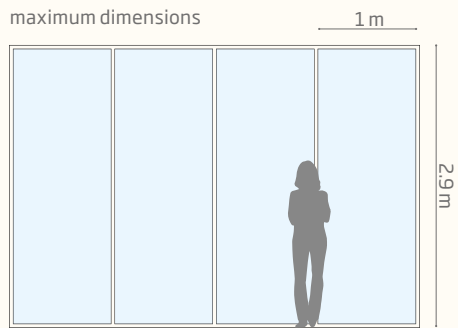
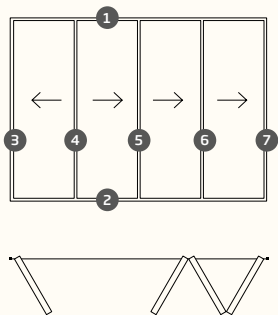


glazing beads



OS2 LB

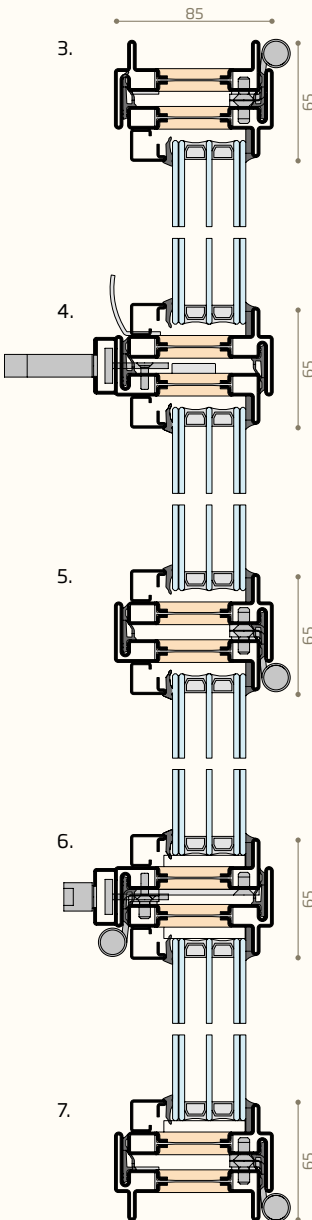
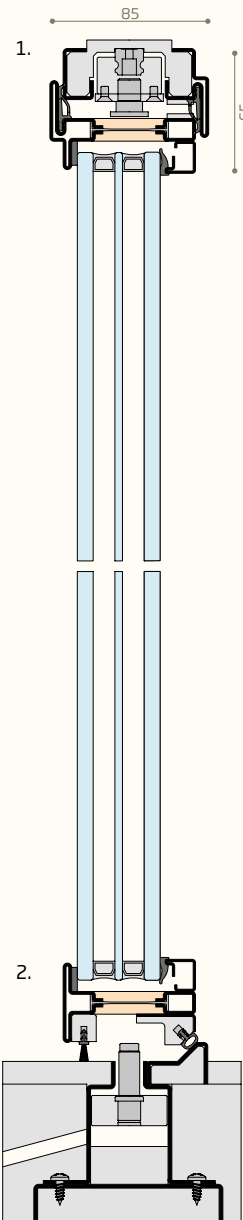
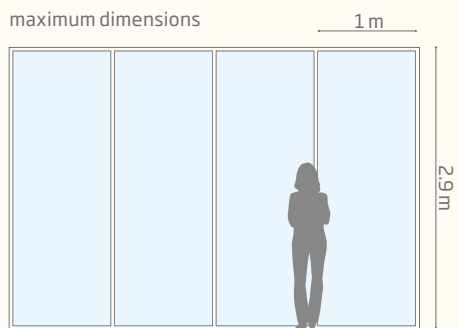
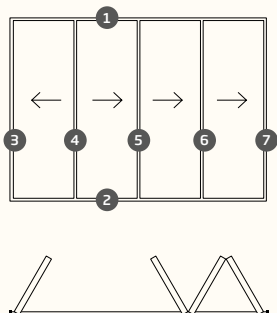
inward  
opening  
sections



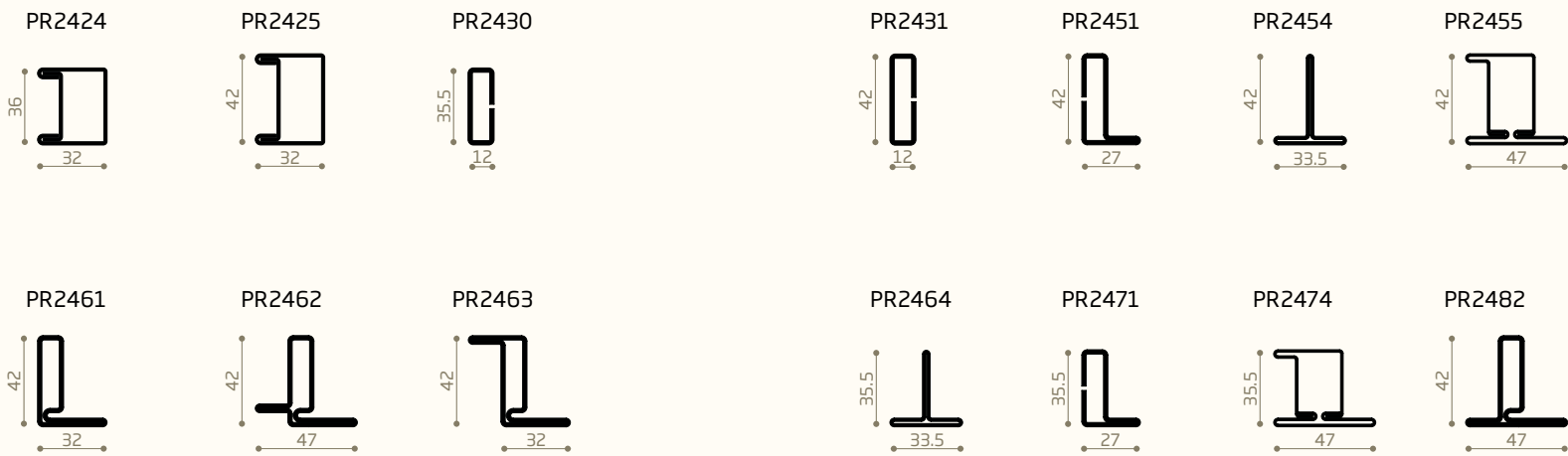


OS2 LB

inward  
opening  
sections



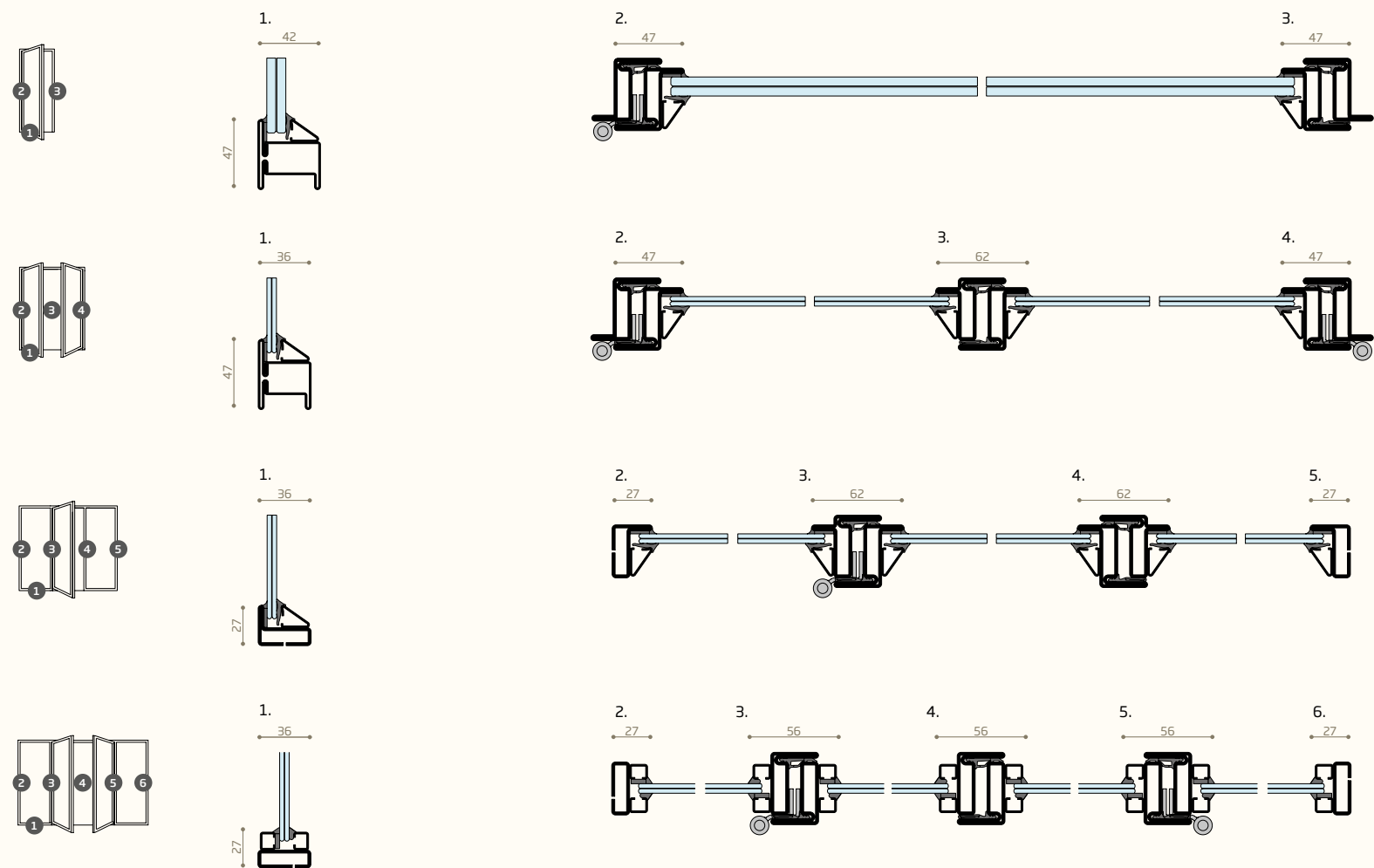
profiles



glazing beads

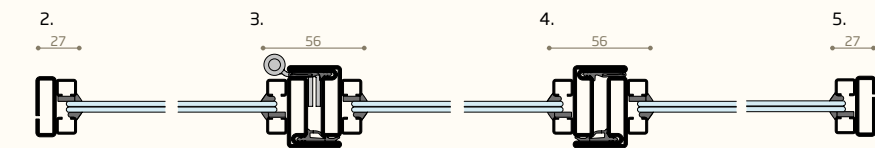
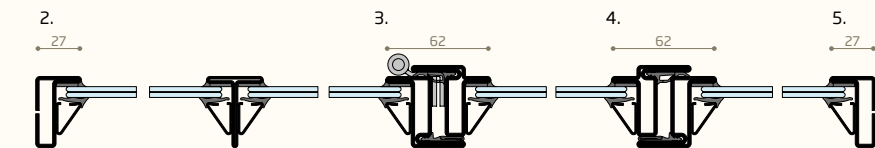
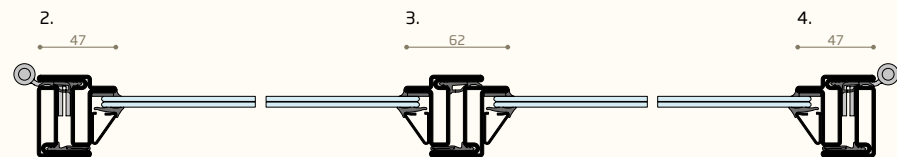
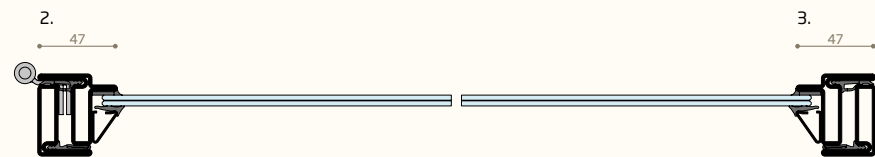
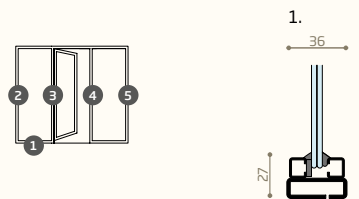
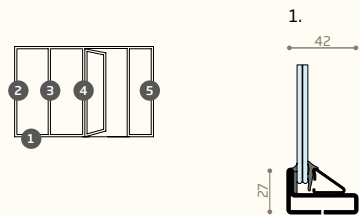
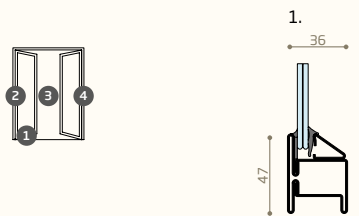
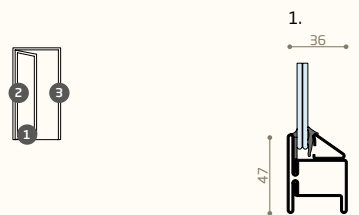


inward  
opening  
sections





outward  
opening  
sections





# METALFORM™

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