



WAS

wood

Aluminium

Steel

OS2 STEEL
SERIES

www.was.com.tr



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.

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 façade 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.

p 16 p 84



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.

p 26 p 90



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 ² K)	1,04 W/m ² K
air permeability	4





OS2 75 external view blackened stainless steel

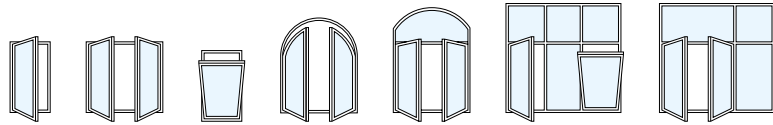


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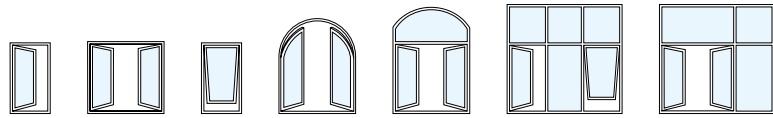
OS2 75 internal view blackened stainless steel

OS2 75 type of opening

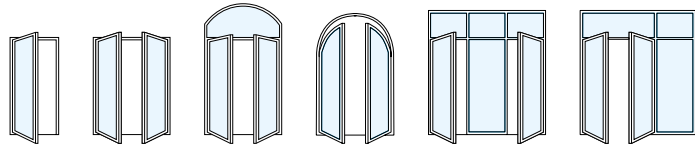
window
inward
opening
tilt & turn
mechanism



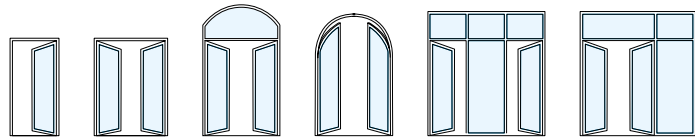
window
outward
opening



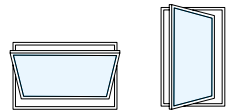
door
inward
opening



door
outward
opening



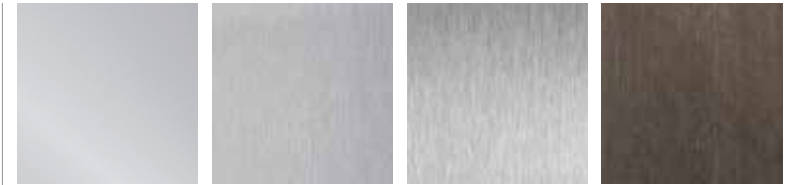
**door and
window**
pivoting
opening



technical drawings p 78

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

OS2 75 Museo Bailo, Treviso



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 ² K)	1,38 W/m ² K
air permeability	4





OS2 65 external view corten steel

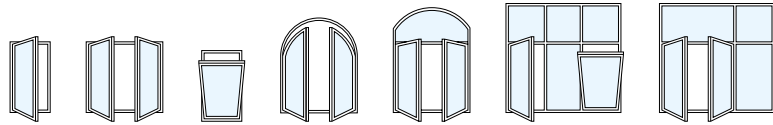


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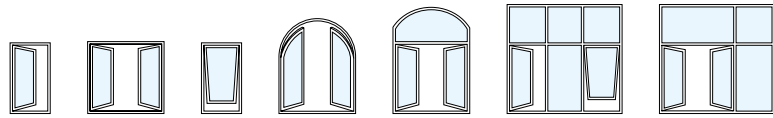
OS2 65 internal view corten steel

OS2 65 type of opening

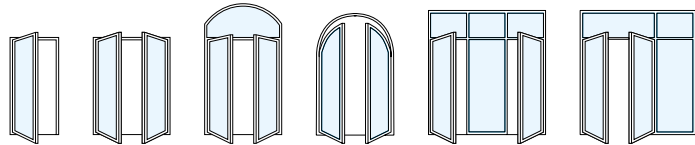
window
inward
opening



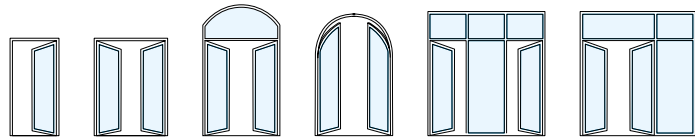
window
outward
opening



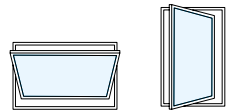
door
inward
opening



door
outward
opening



**door and
window**
pivoting
opening



technical drawings p 84

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.

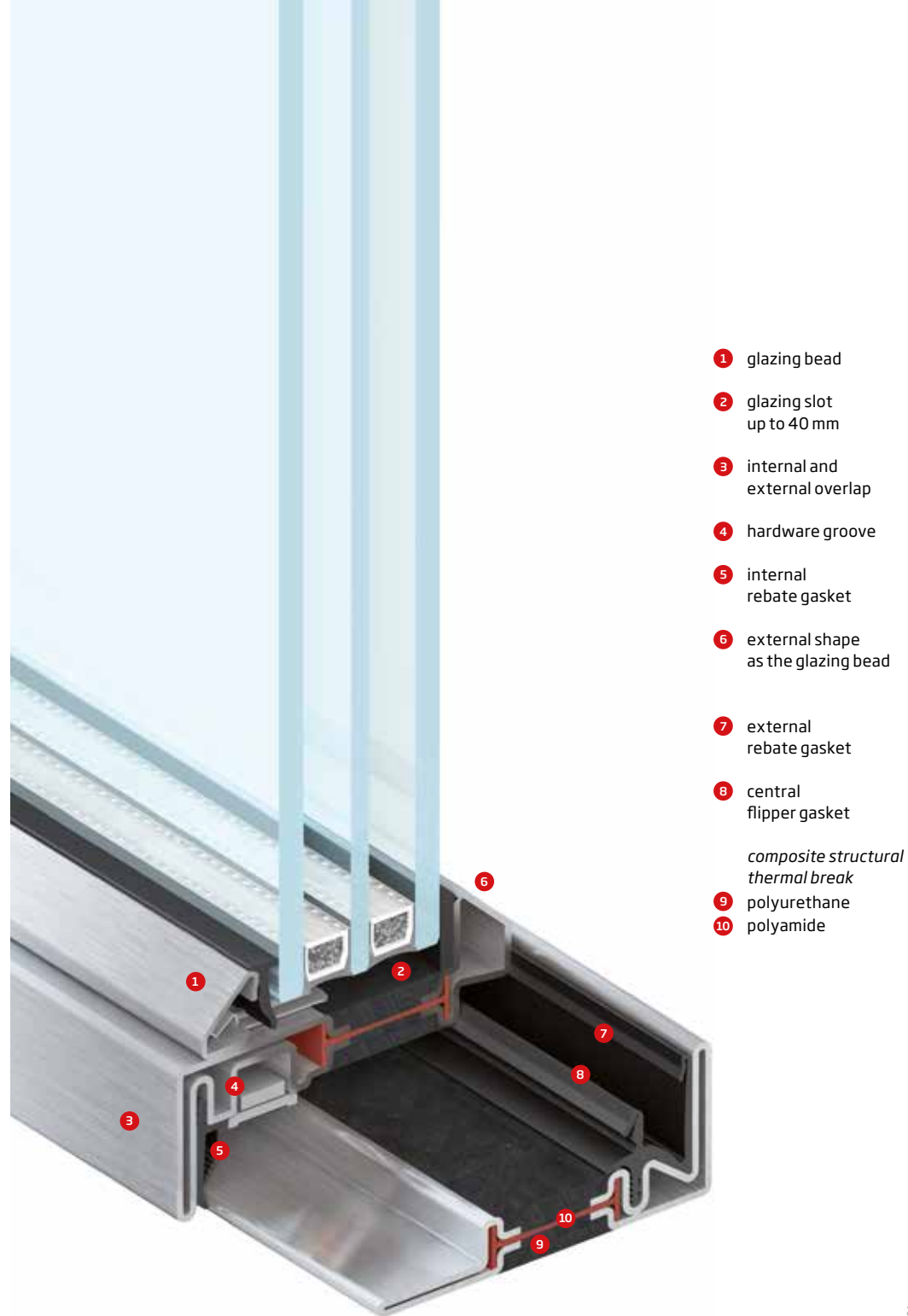


OS2 BV

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 ² K)	1,04 W/m ² K
air permeability	4





OS2 BV external view corten steel

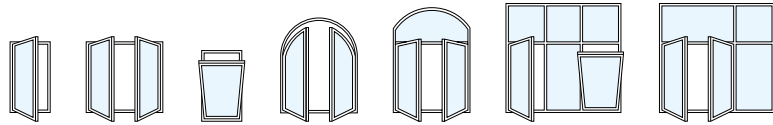


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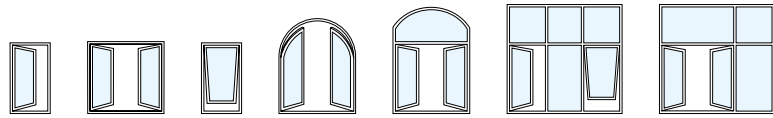
OS2 BV internal view corten steel

OS2 BV type of opening

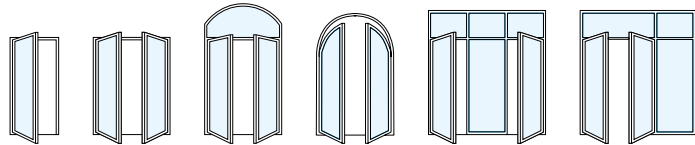
window
inward
opening
tilt & turn
mechanism



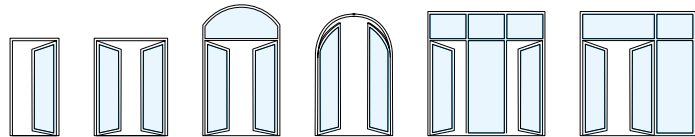
window
outward
opening



door
inward
opening



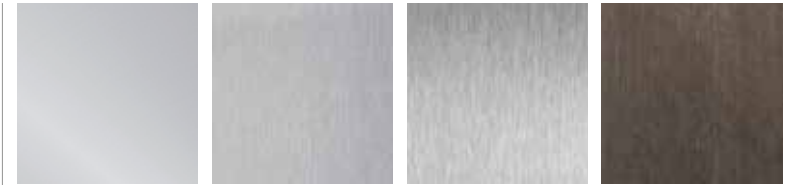
door
outward
opening



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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

OS2 BV Kunsthaus Dahlem, Berlin



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 façade 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/m ² K)	1,1 W/m ² K
air permeability	4

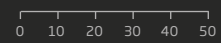




OS2 AS external view patinated brass

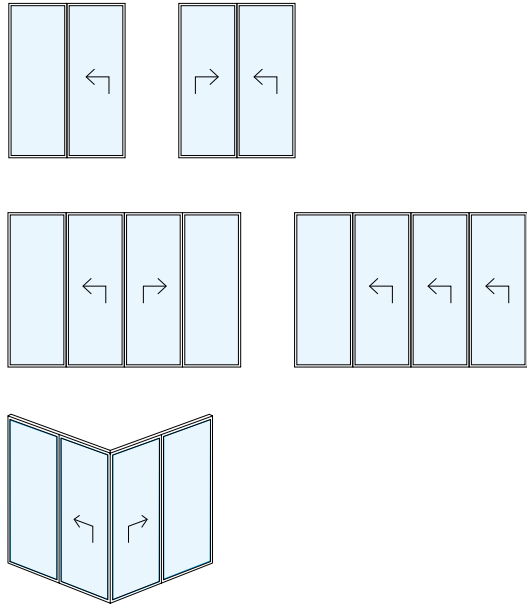


OS2 AS internal view patinated brass



OS2 AS type of opening

lift-and-slide door



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OS2 AS materials

stainless steel



galvanised steel



corten steel



brass



OS2 AS Courtyard House, California



systems 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.

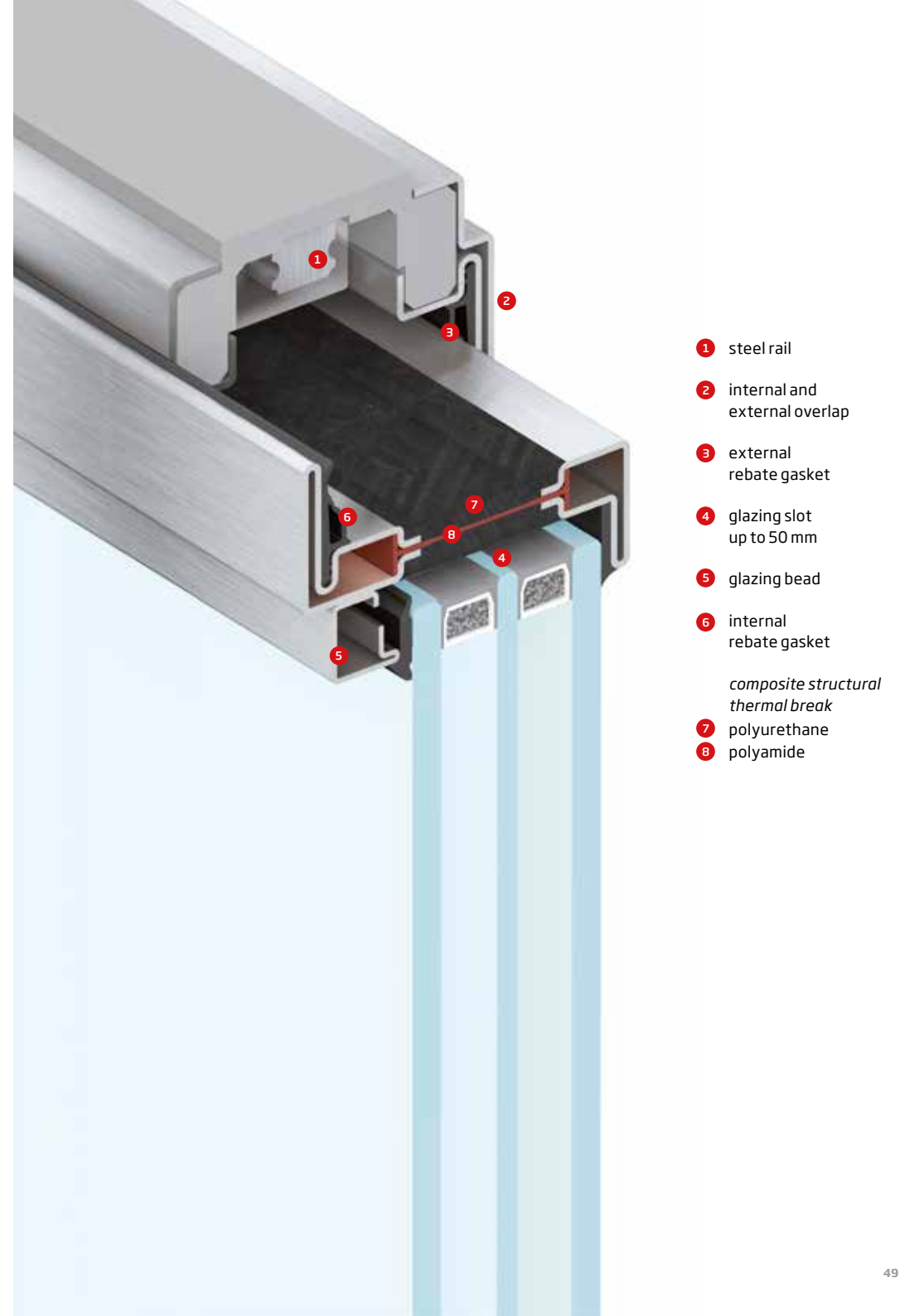


OS2 LB

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/m ² K)	1,3 W/m ² K
air permeability	4



OS2 LB

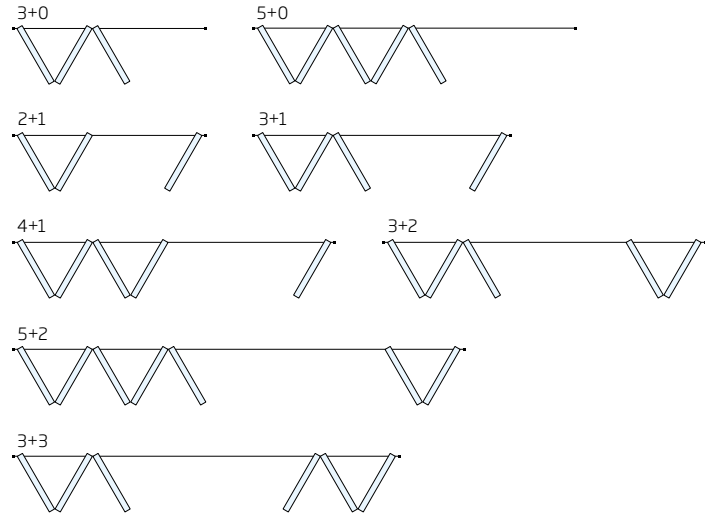


OS2 LB internal view corten steel

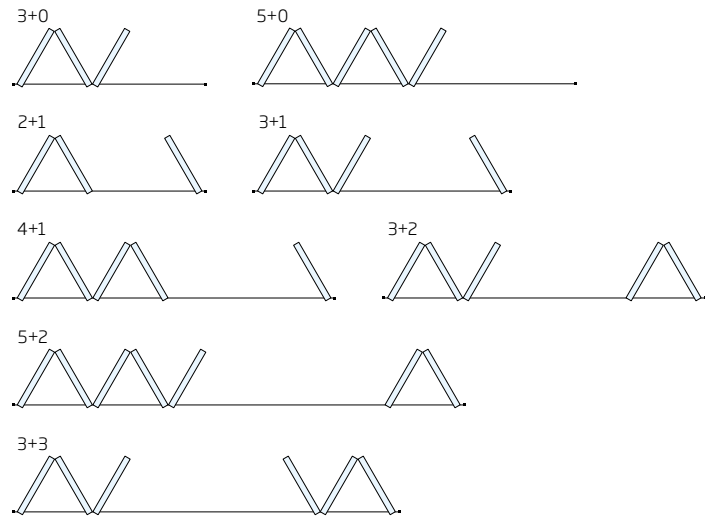
OS2 LB opening detail corten steel

OS2 LB type of opening

door and window inward opening



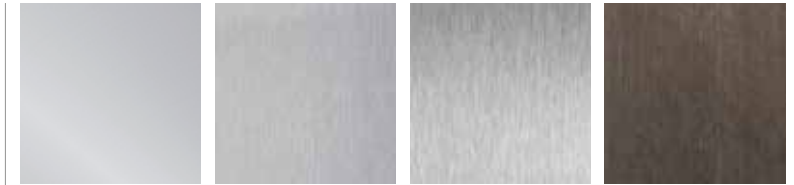
door and window outward opening



technical drawings p 102

OS2 LB materials

stainless steel



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 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. Thanks to a careful and meticulous design, they feature a reduced dispersant surface, the ideal solution for climates not excessively severe.



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.





OS2 40 external view painted pickled steel

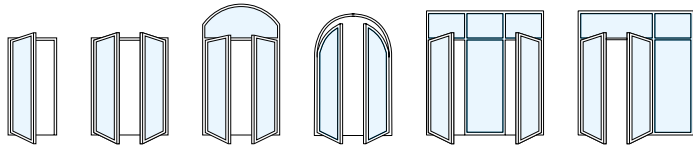


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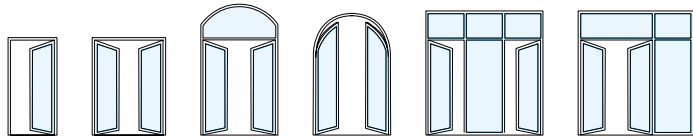
OS2 40 internal view painted pickled steel

OS2 40 type of opening

door
inward
opening



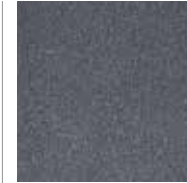
door
outward
opening



technical drawings p108

OS2 40 materials

pickled steel



painting
pickled steel

OS2 40 Guest Pavilion, Sa Tuna



systems EBE 65, OS2 40

materials corten steel and painted pickled steel

design This is Arquitectura

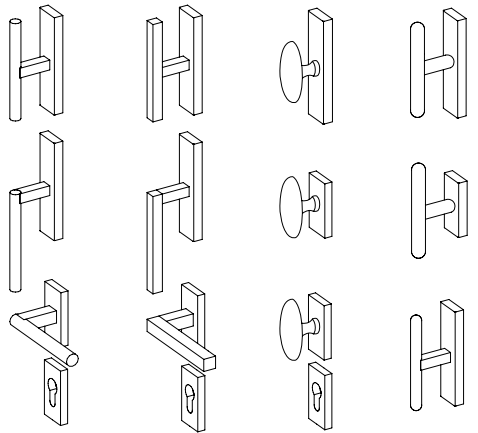
officina Alumilux & Metall-lux

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

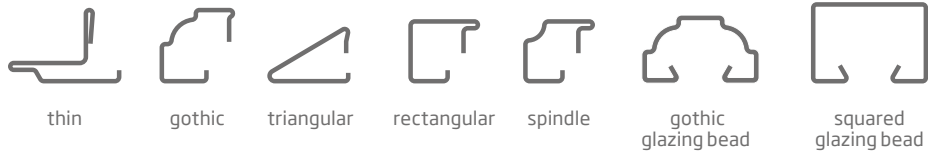
oval

rounded



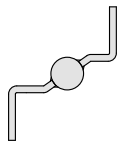
glazing beads

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

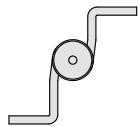


hinges

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
Ø12 mm



three-winged
Ø15 mm



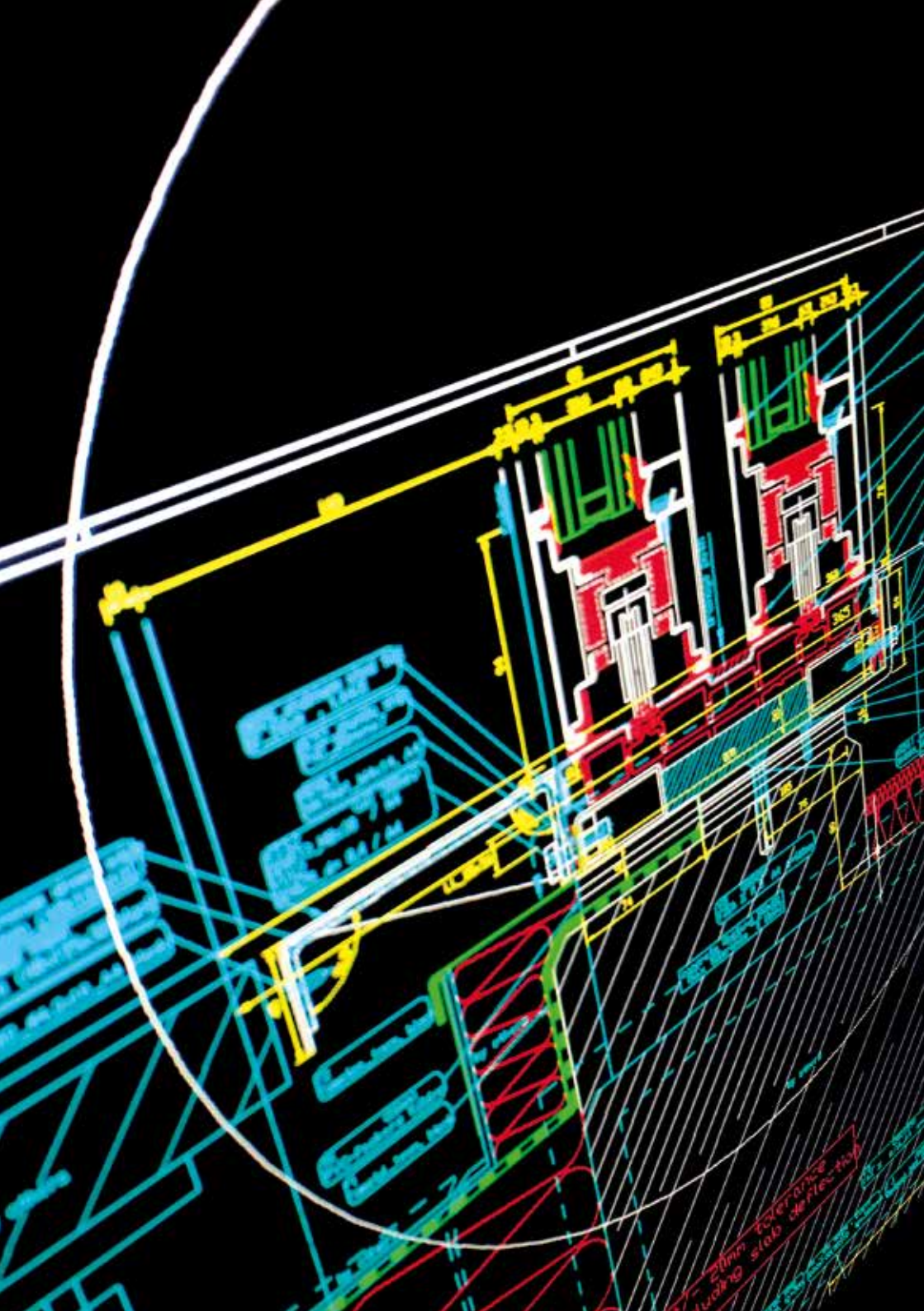
weld-on
Ø13 mm



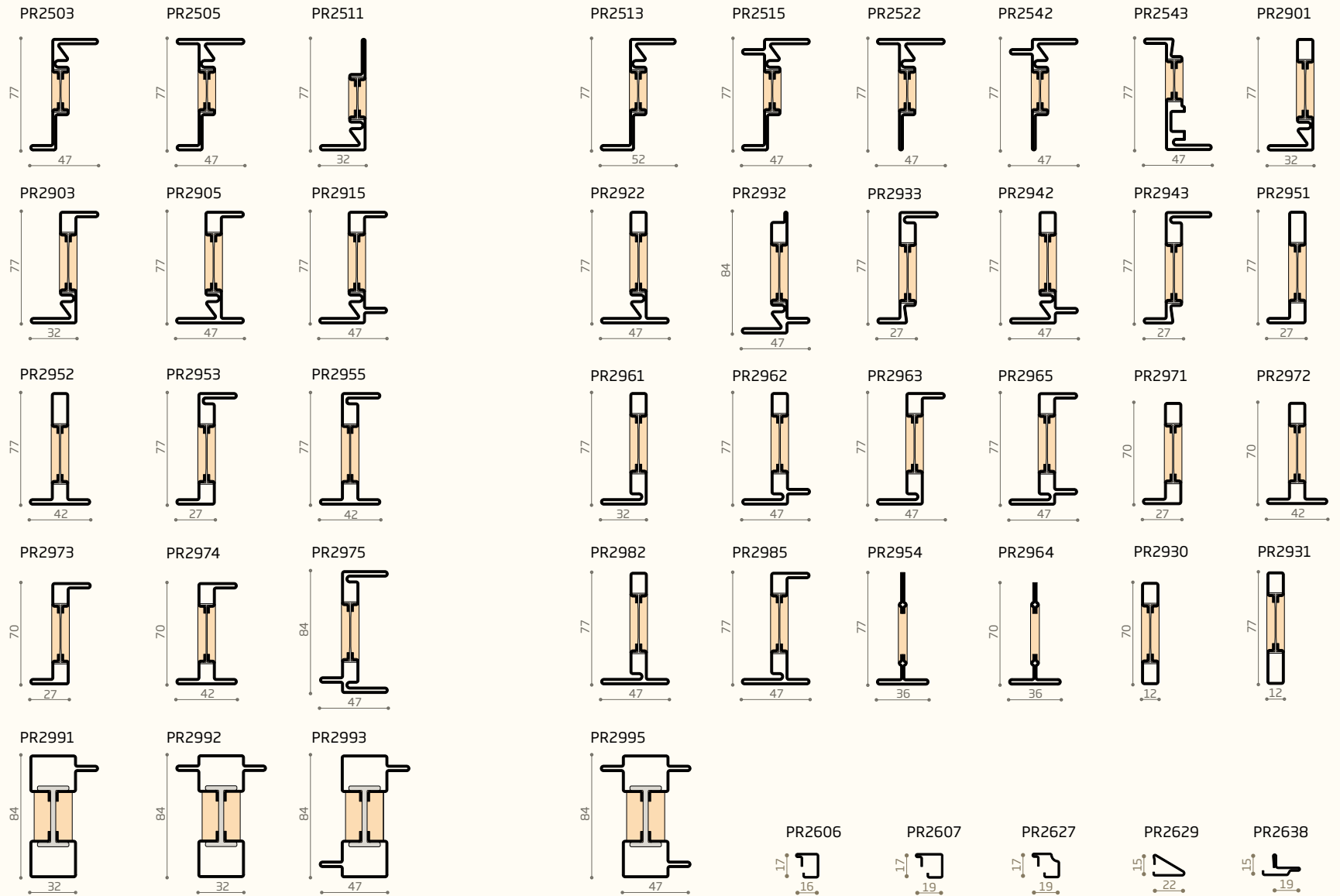


design together

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

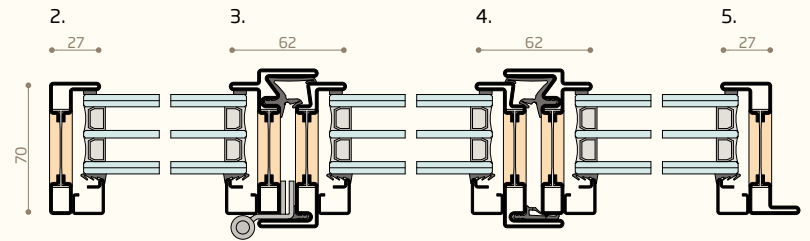
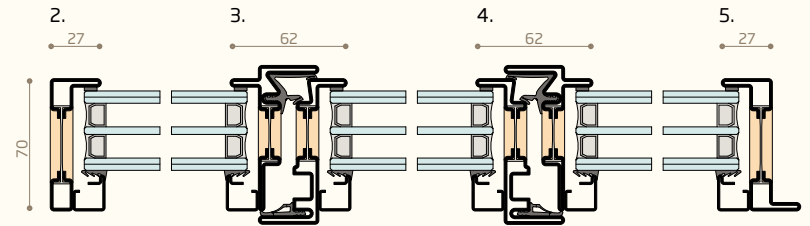
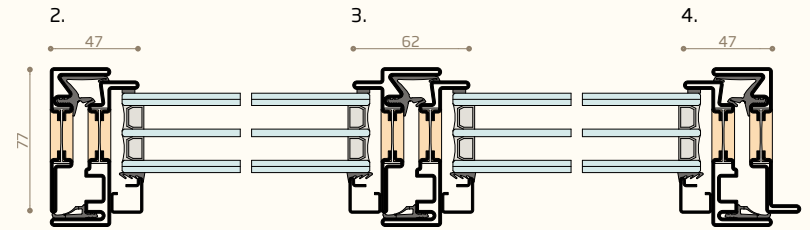
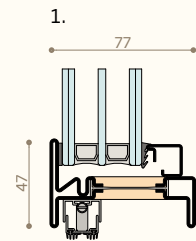
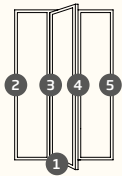
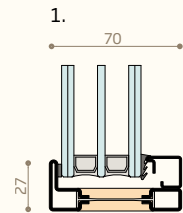
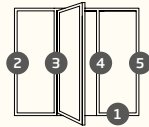
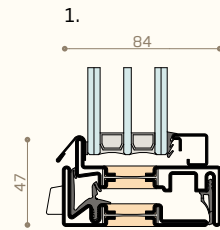
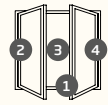


profiles and glazing beads



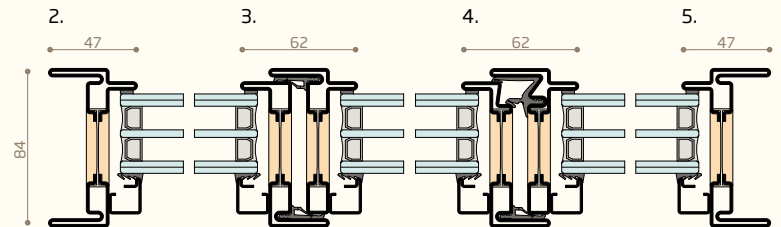
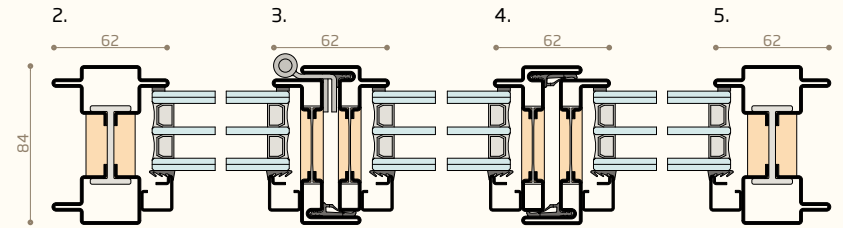
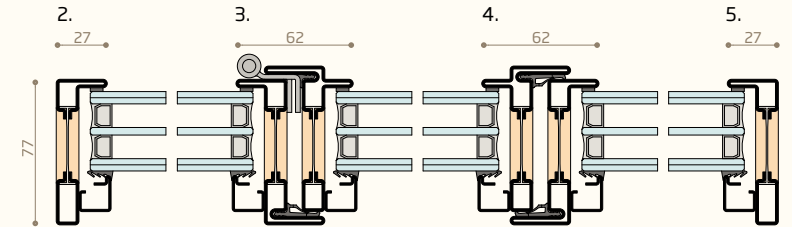
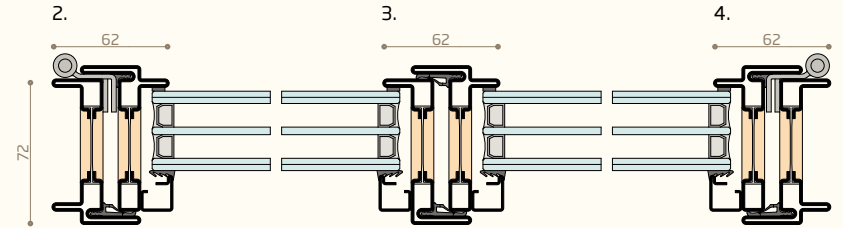
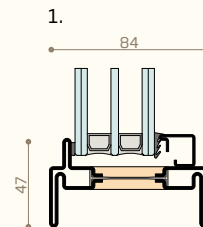
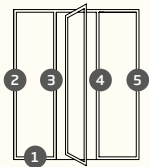
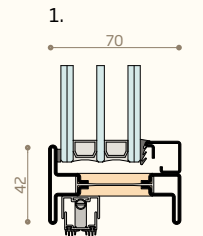
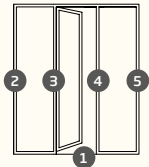
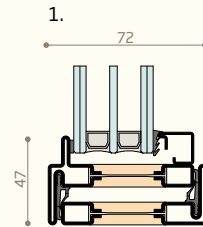
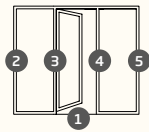
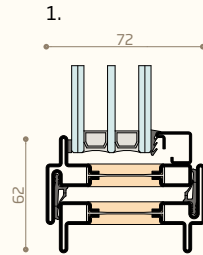
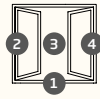
OS2 75

inward
opening
sections

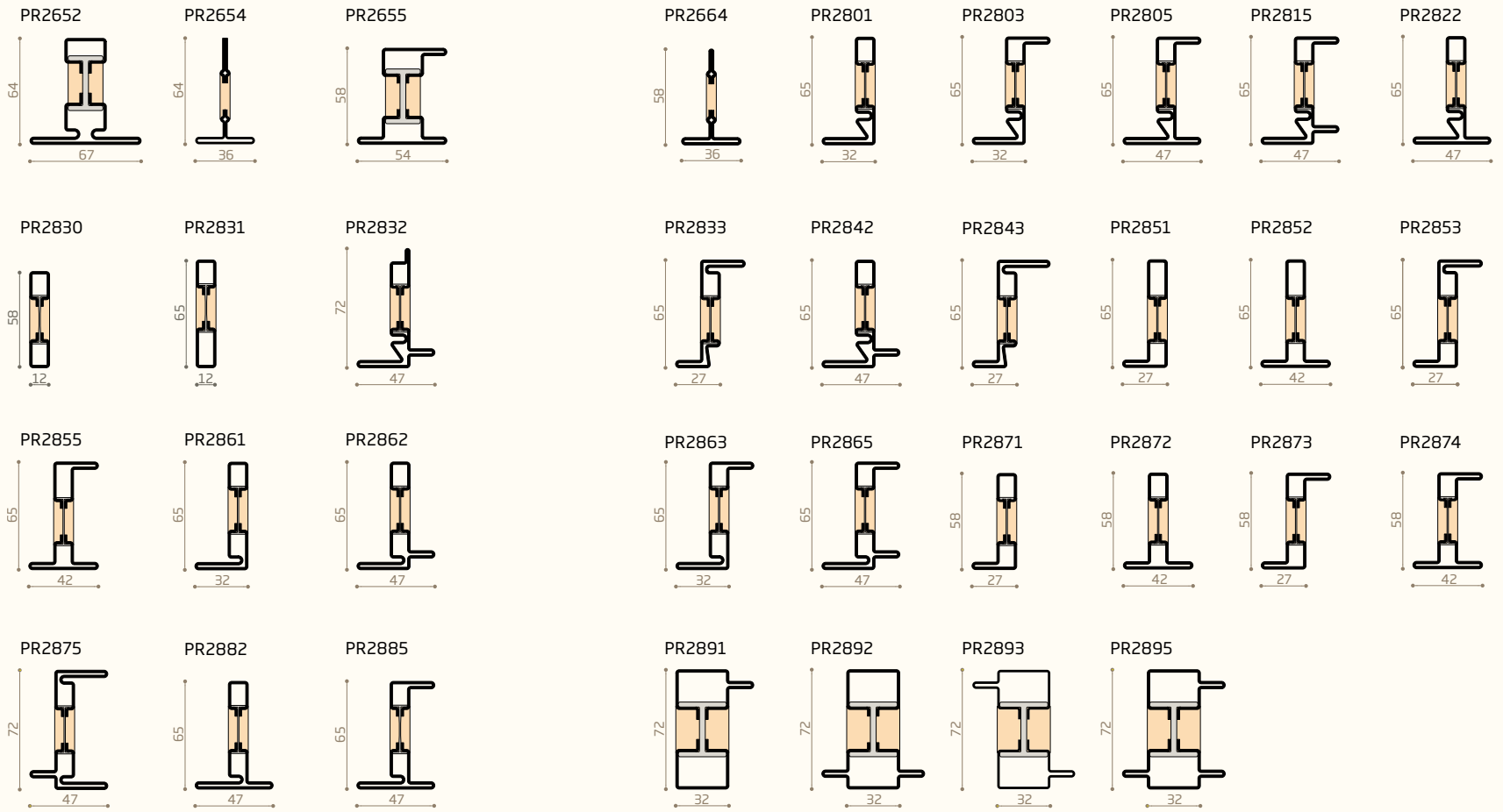


OS2 75

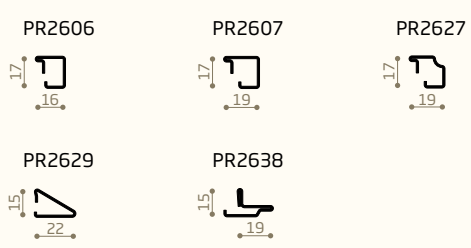
outward
opening
sections



profiles

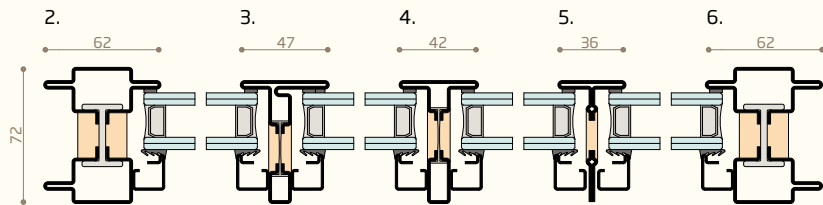
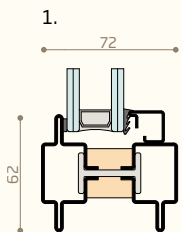
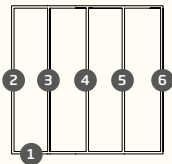
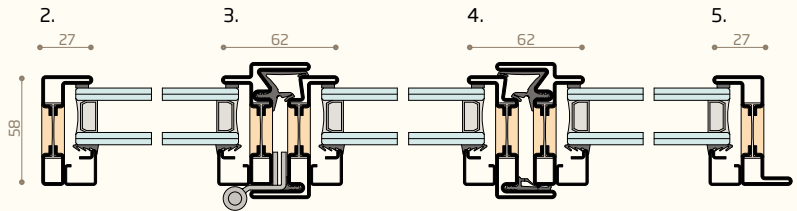
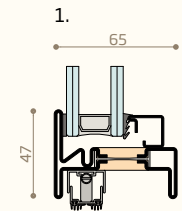
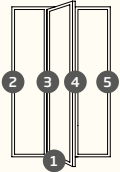
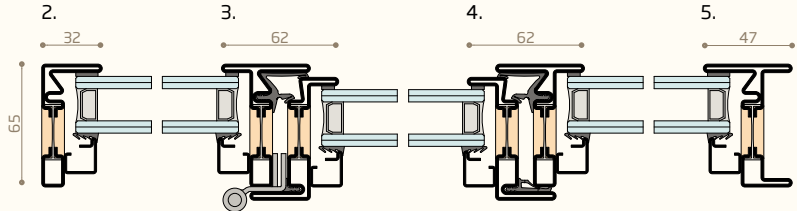
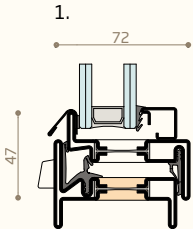
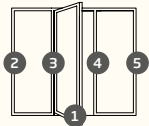
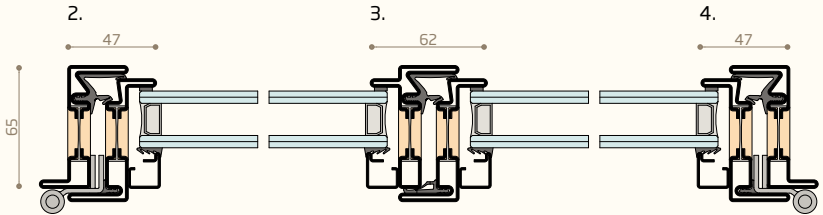
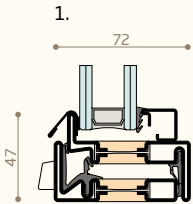


glazing beads



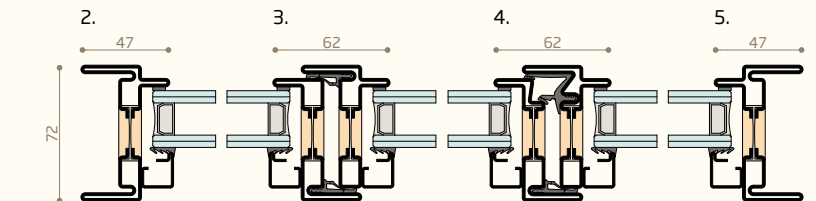
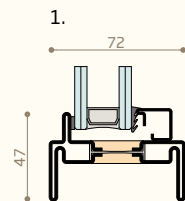
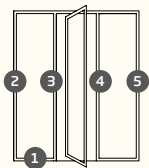
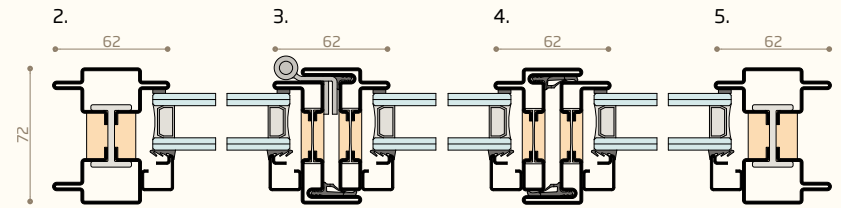
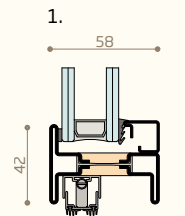
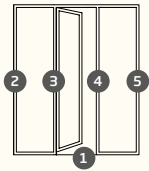
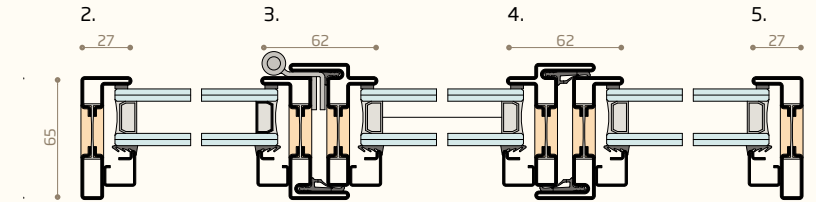
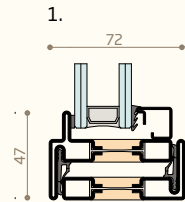
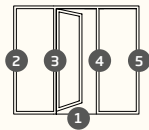
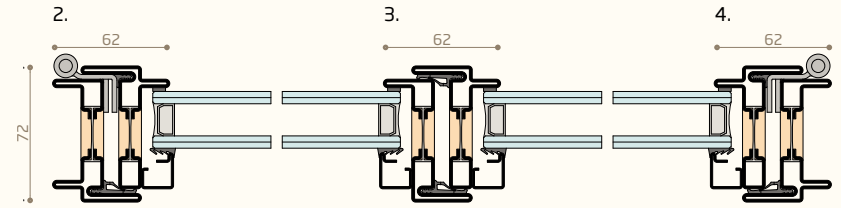
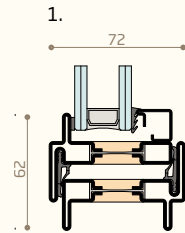
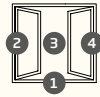
OS2 65

inward
opening and
fixed pane
sections

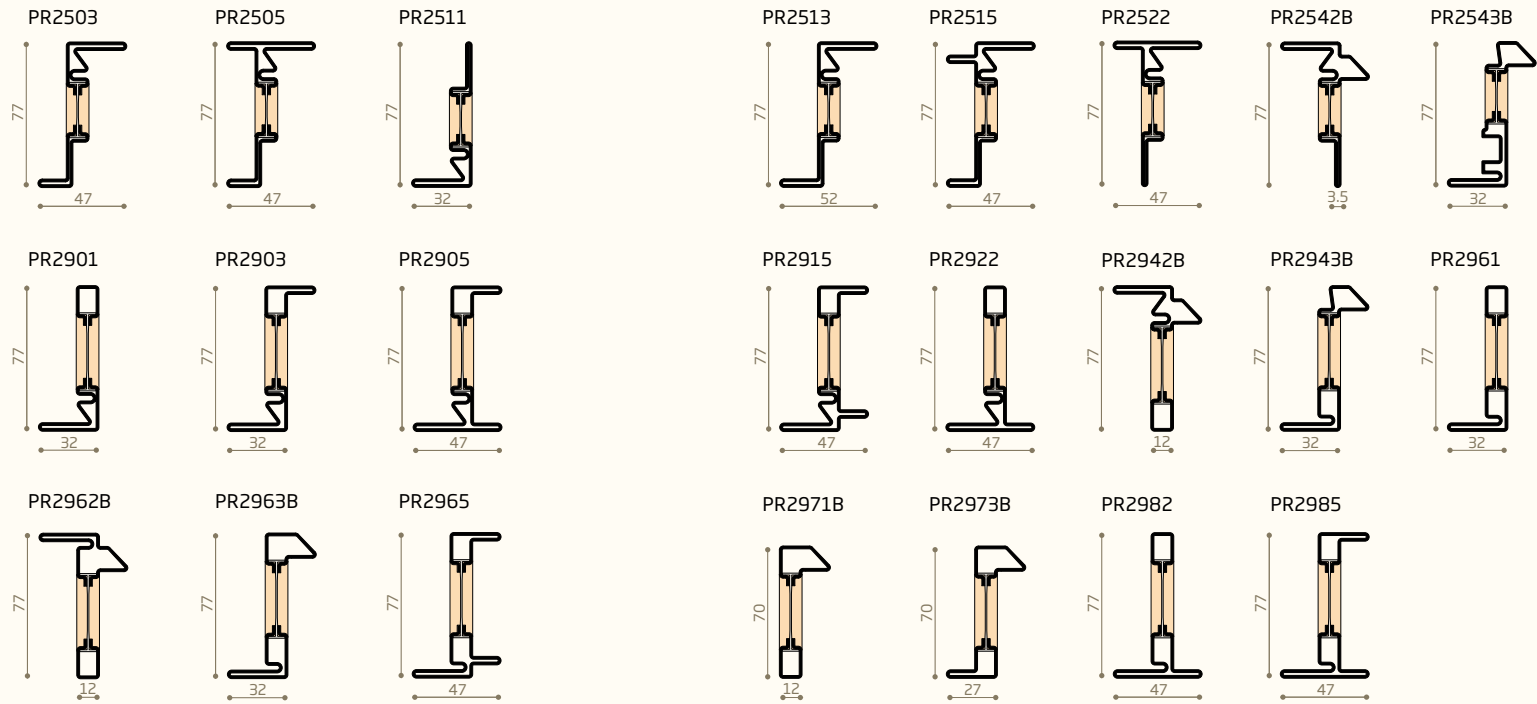


OS2 65

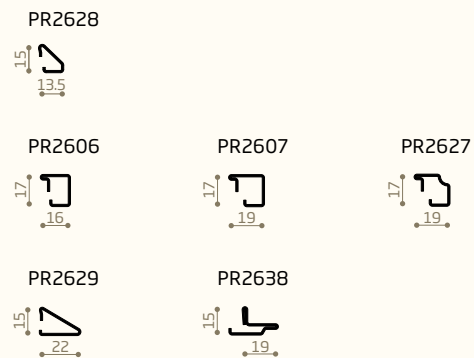
outward
opening
sections



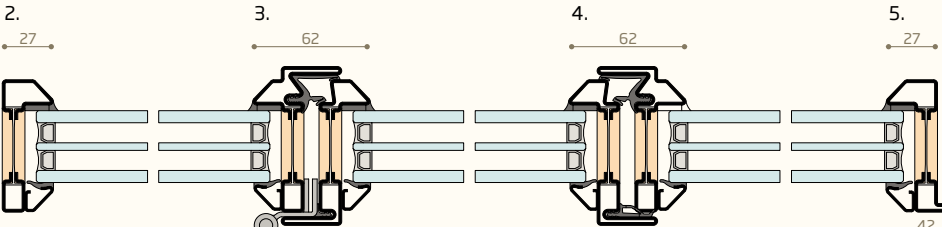
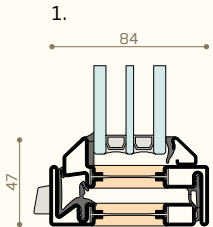
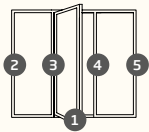
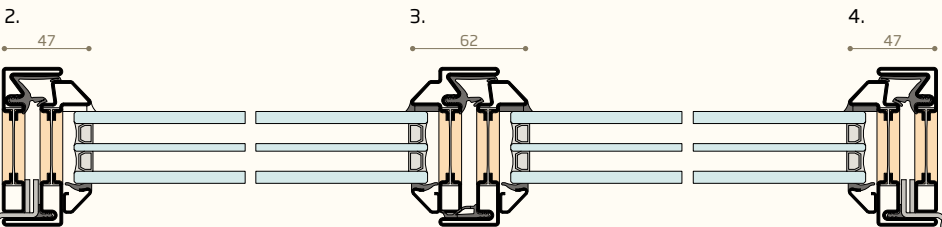
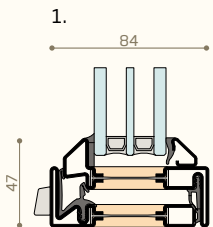
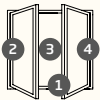
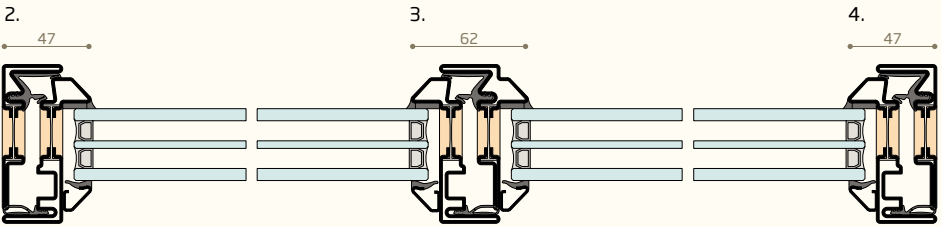
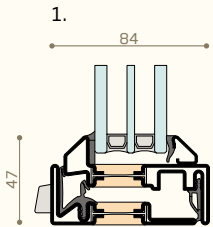
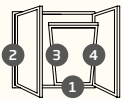
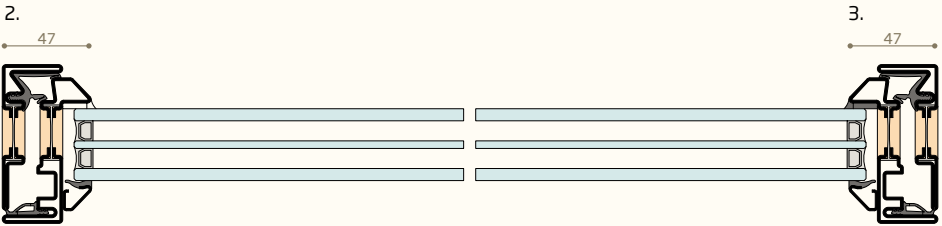
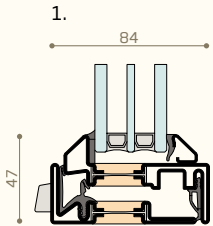
profiles



glazing beads

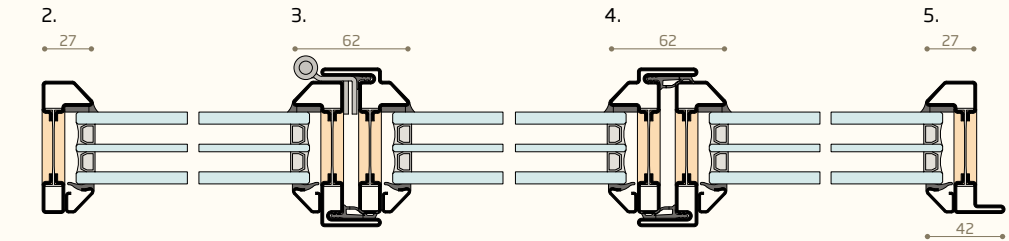
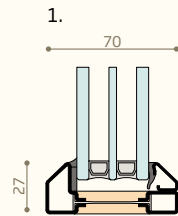
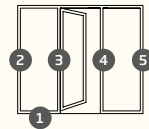
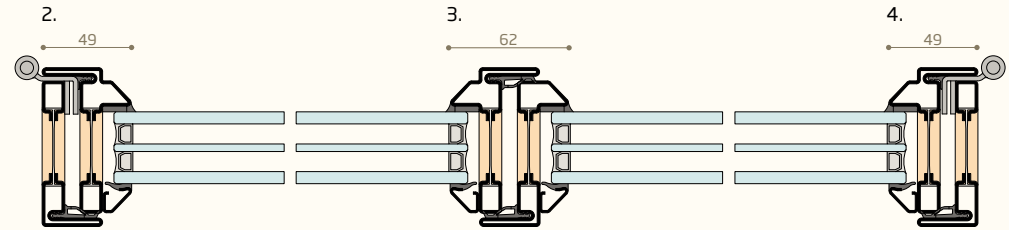
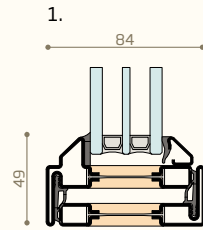
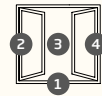
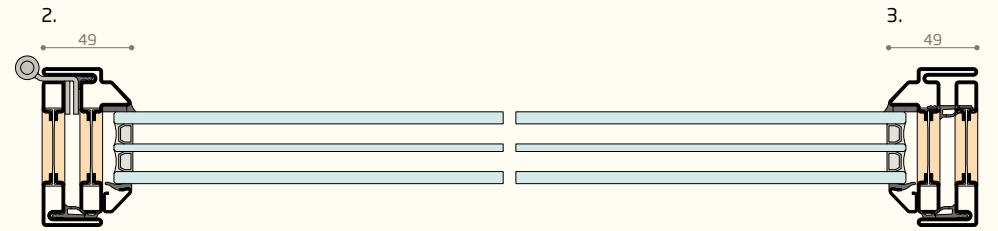
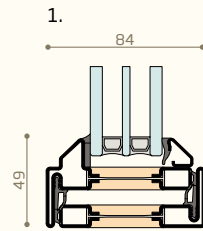
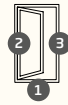


inward opening sections



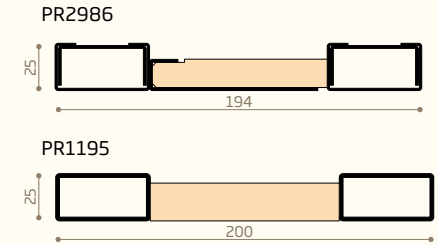
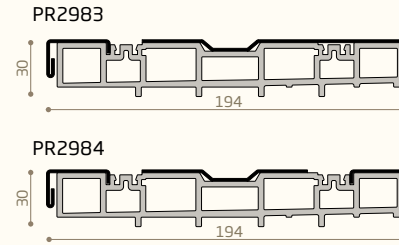
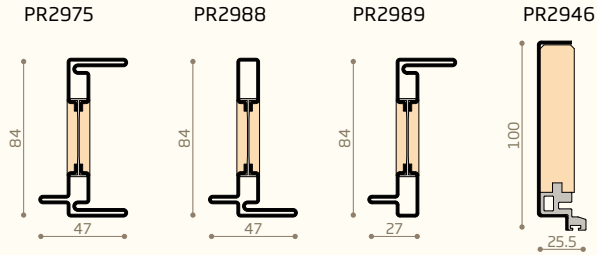
OS2 BV

outward opening sections

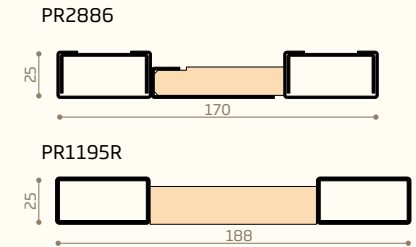
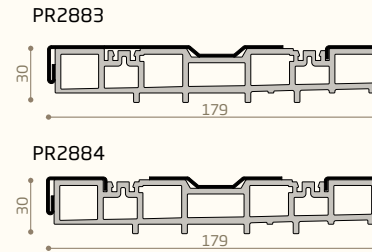
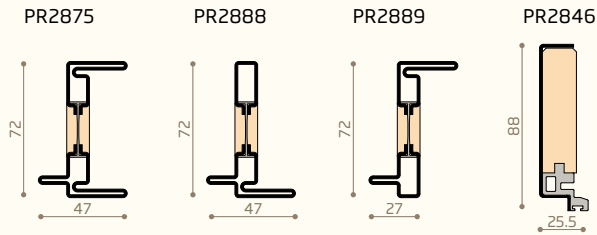


OS2 AS

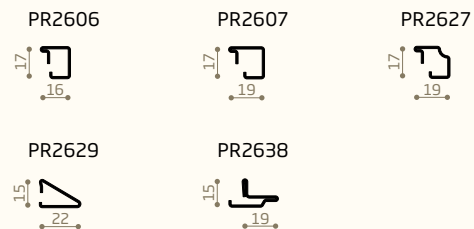
profiles
for IGU up
to 50 mm



profiles
for IGU up
to 38 mm



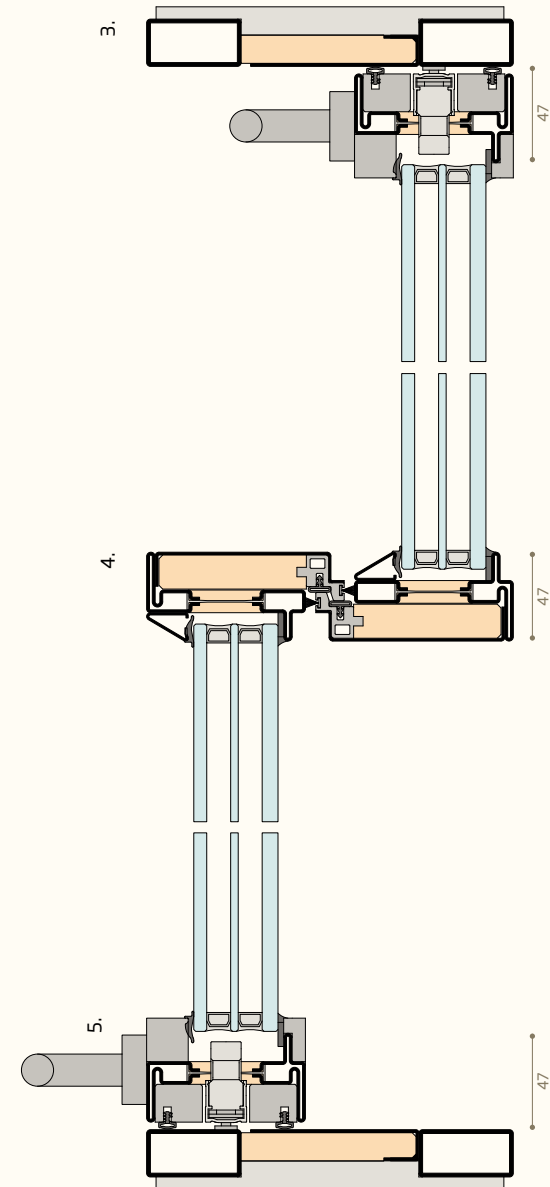
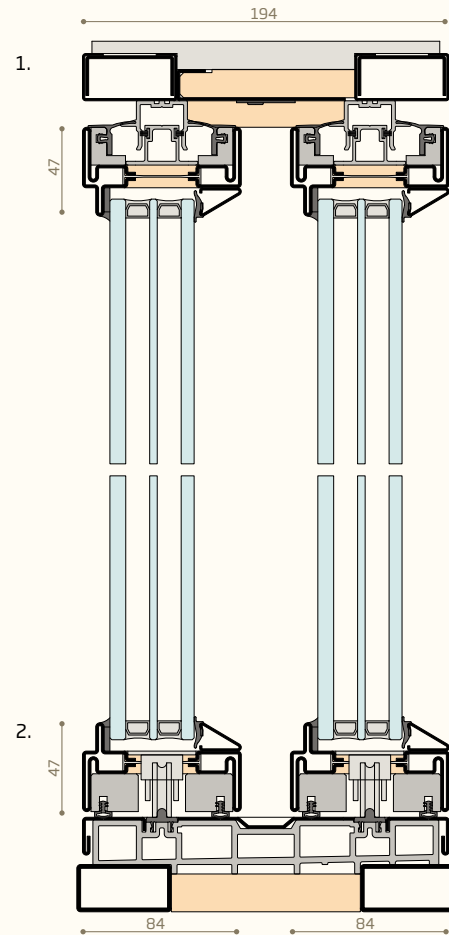
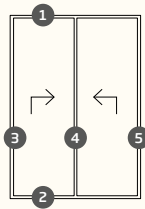
glazing beads



OS2 AS

two-sash opening sections

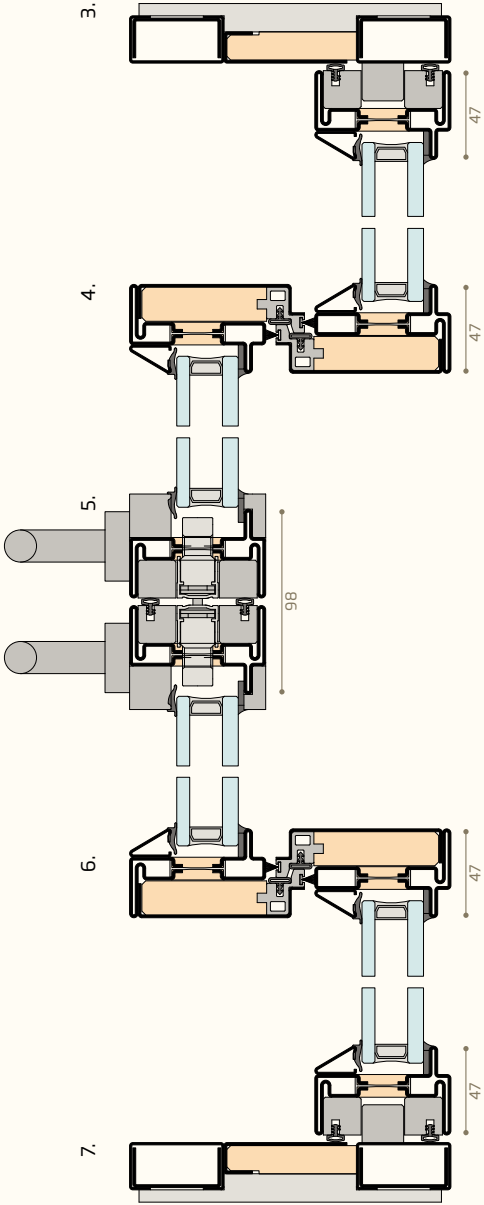
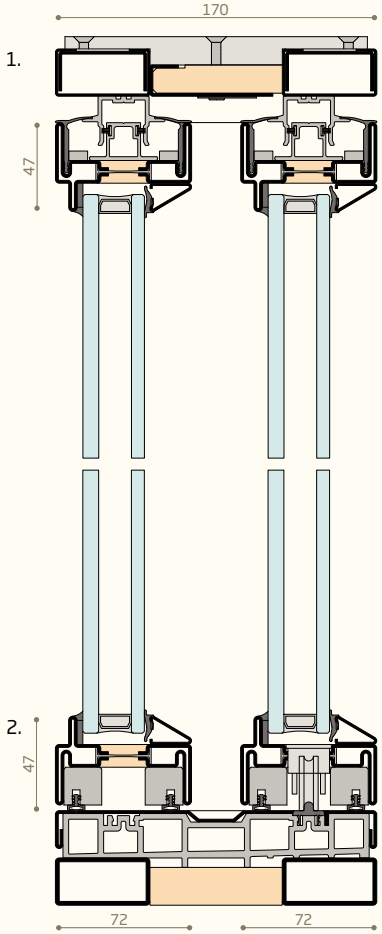
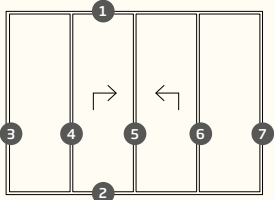
exmple for IGU
up to 50 mm



OS2 AS

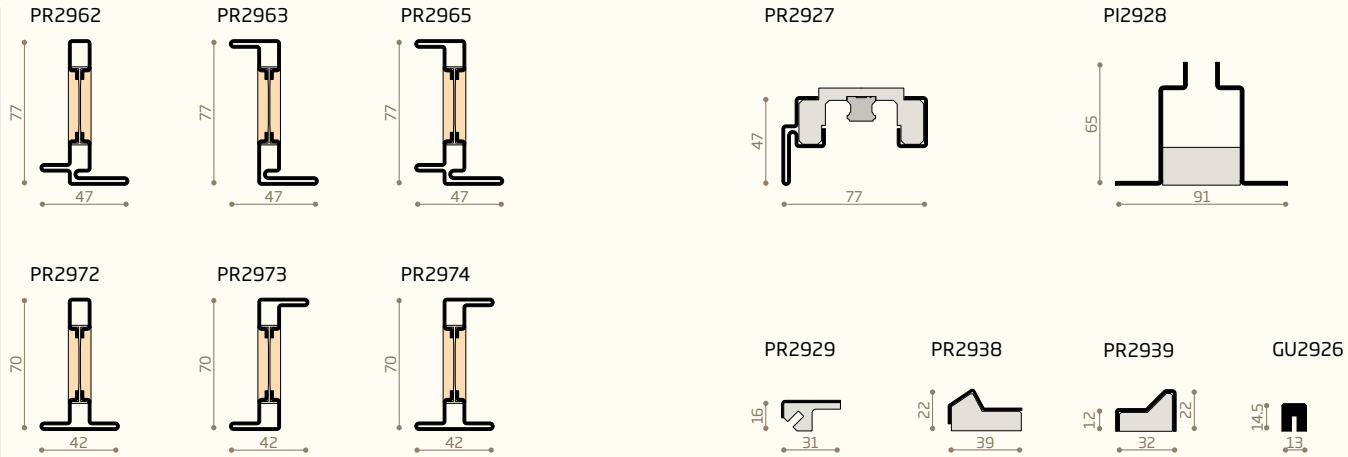
four-sash opening sections

exmple for IGU up to 38 mm

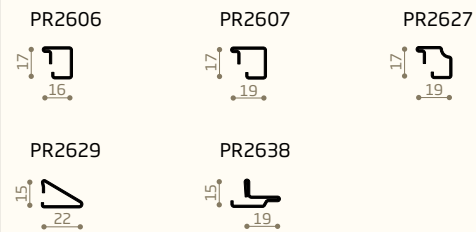


OS2 LB

profiles

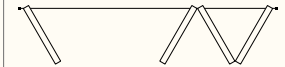
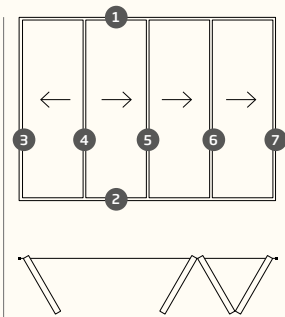


glazing beads



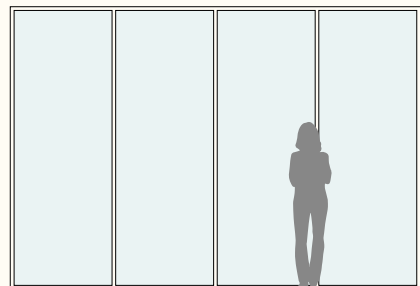
OS2 LB

inward
opening
sections

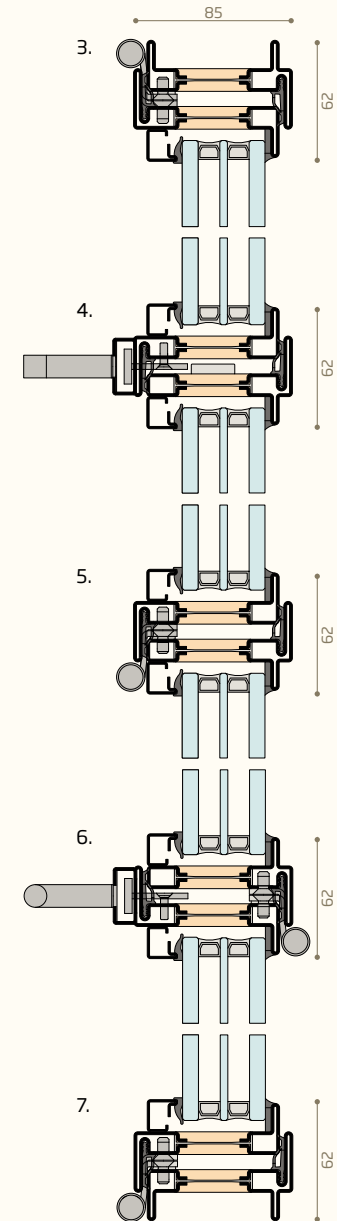
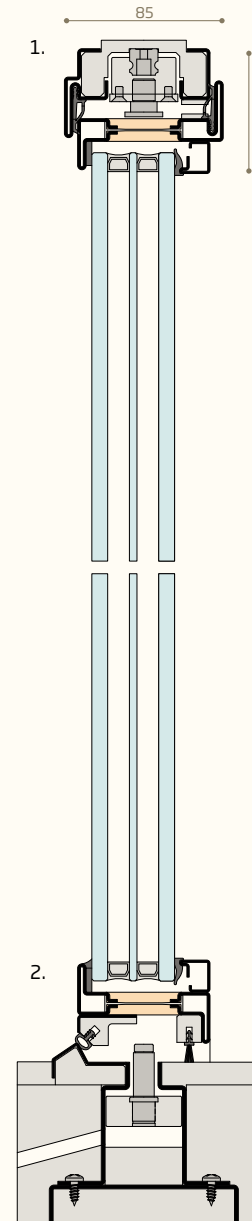


maximum dimensions

1 m

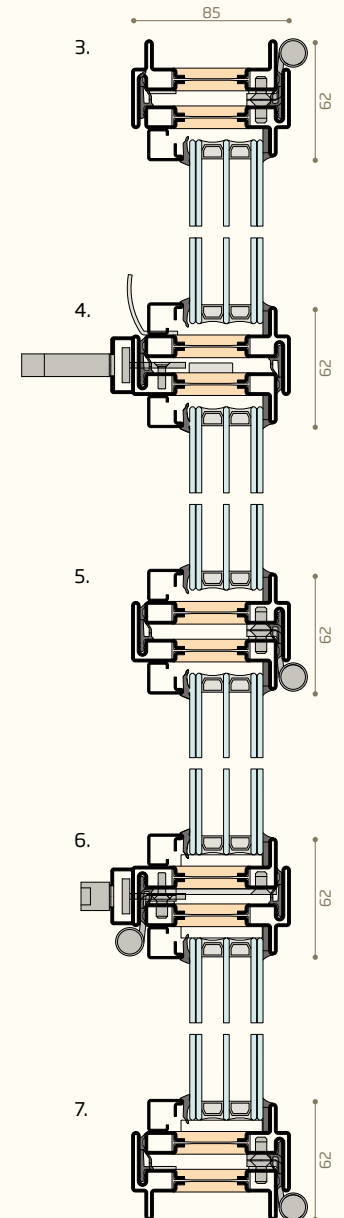
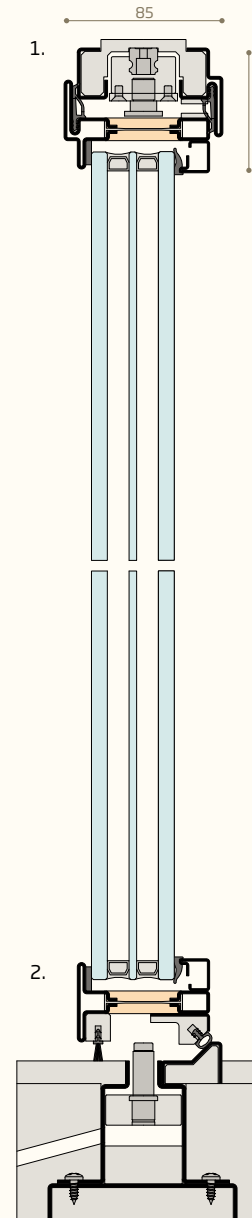
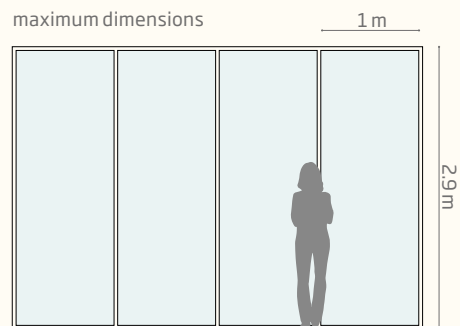
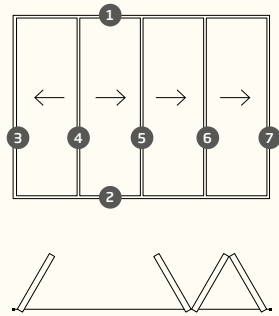


2.9 m

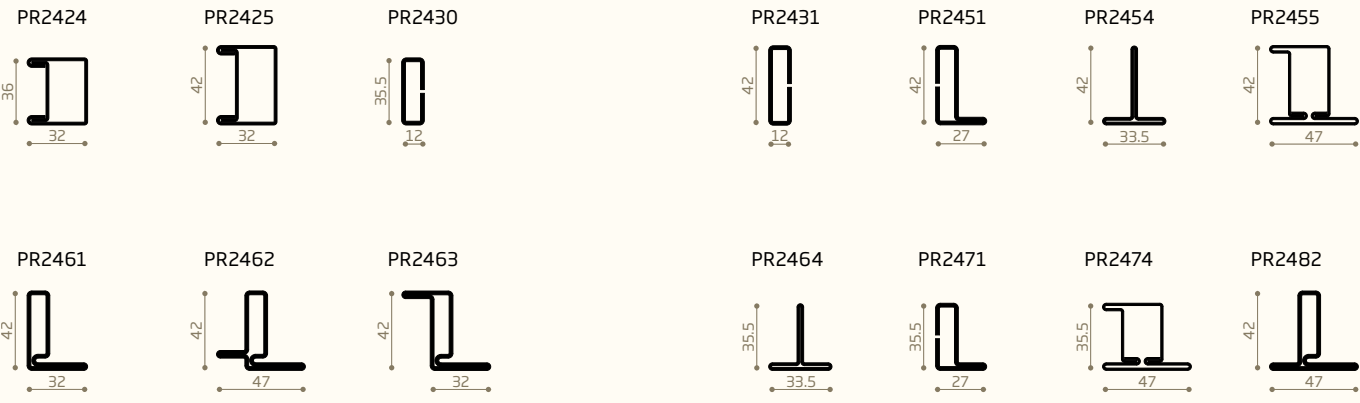


OS2 LB

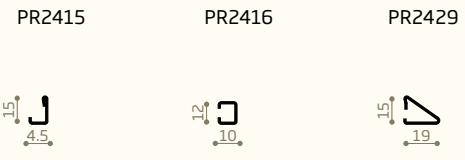
outward
opening
sections



profiles

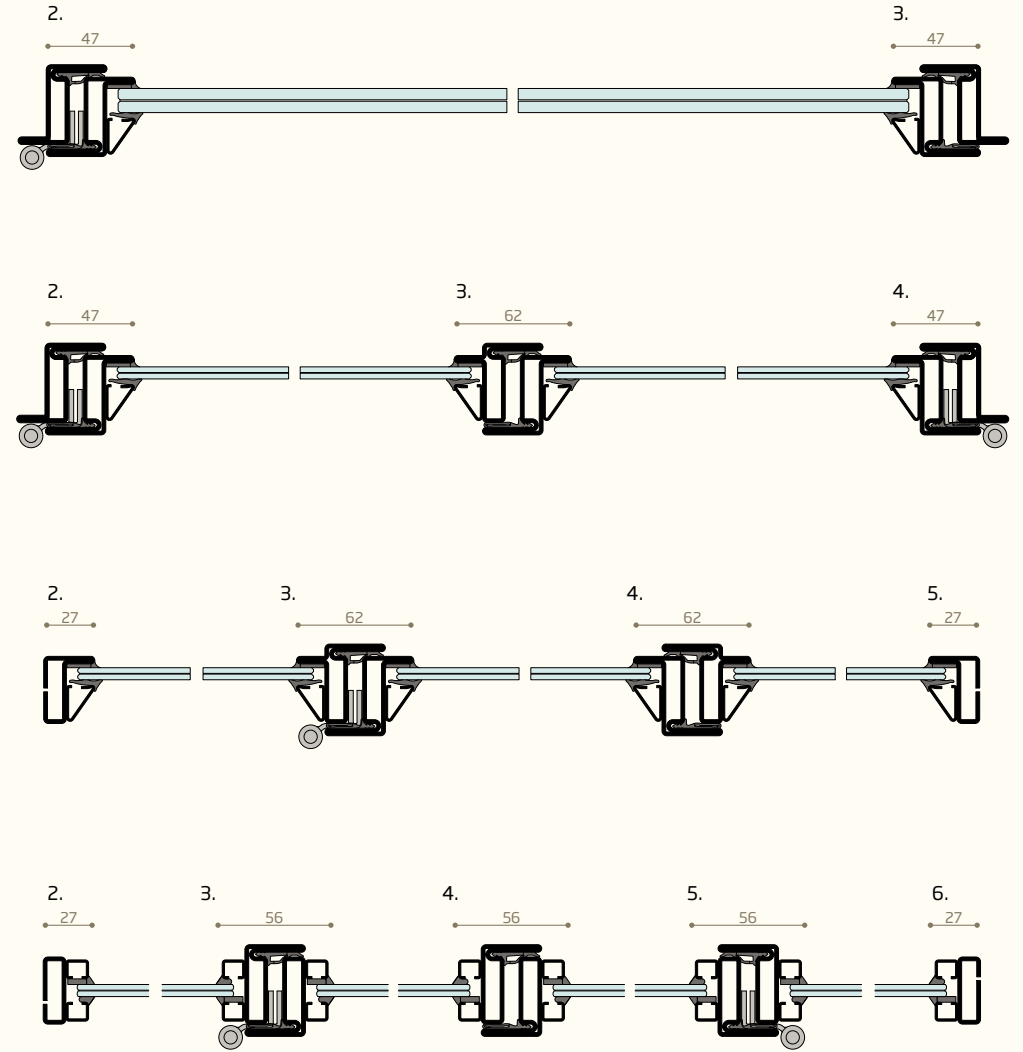
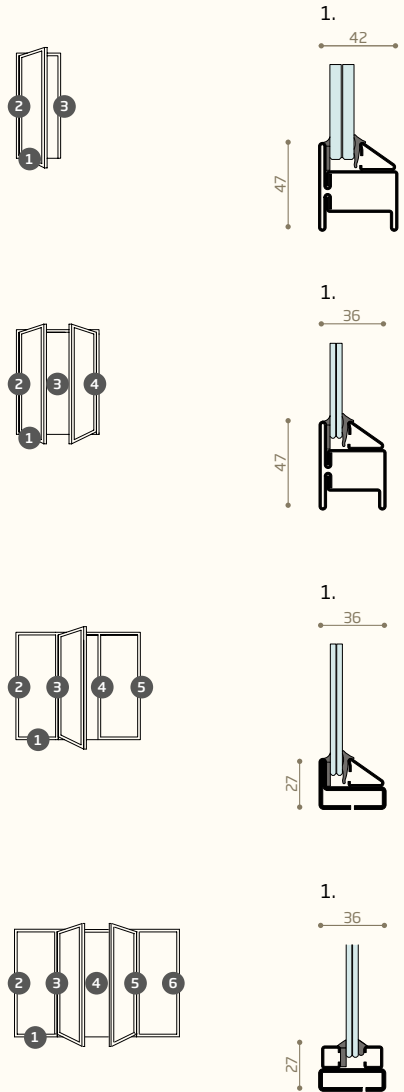


glazing beads

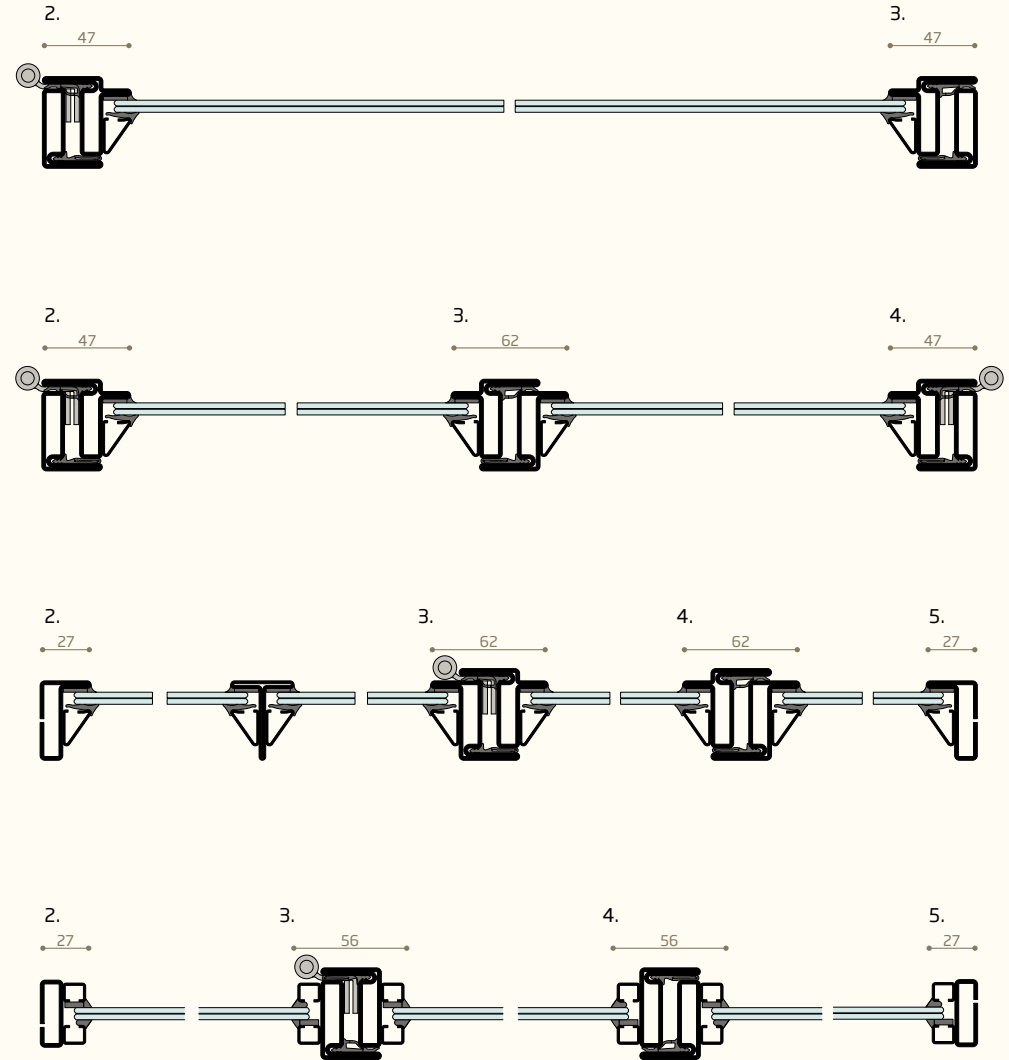
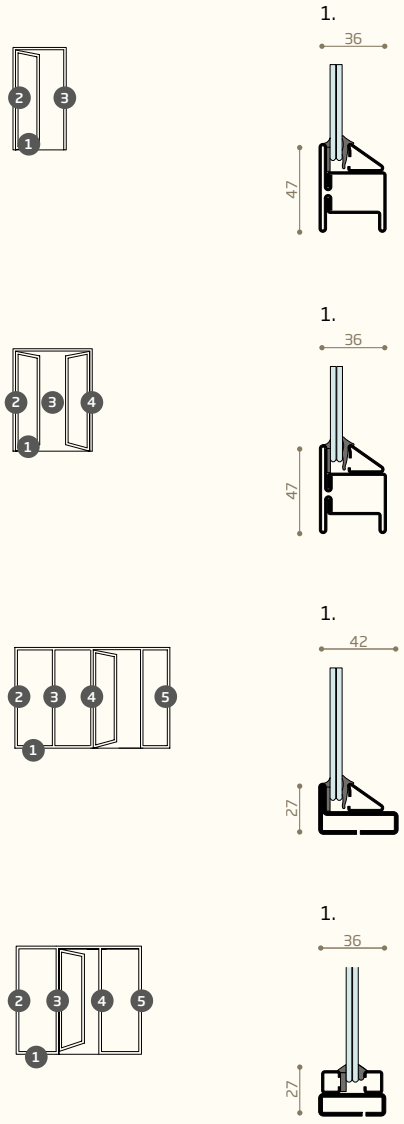


OS2 40

inward
opening
sections



outward opening sections





Secco Sistemi is an Italian brand that symbolises innovation and design. It has been contributing to the evolution of the engineering of doors and windows for 70 years, inventing systems and profiles that have become benchmarks for the industry of this sector, and continuing to improve them and interpret the latest projects and trends of contemporary architecture. So far 280 profiles have been developed in 4 select metals - galvanised steel, stainless steel, corten steel and brass - and in 8 different finishes with an annual production of two million linear metres of profiled bars for 200,000 doors and windows.



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