



WAS

wood

Aluminium

Steel

STEEL PIVOT
PRODUCTS

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Balances

Balances between architecture and empty space, fluid connections between inside and outside, Secco recounts these fascinating themes through the program of pivot windows. Element in constant balance, it transcends the need for closure, plays with space, redefining the correlation between window and frame, between lightness and dimensions. The pivot window fascinates, amazes, the light that passes through in the movement, changes its direction and reflection. Secco Sistemi offers original pivot windows for architecture, exceptional dimensions, minimal profiles made with precious materials and performance at the highest levels are the main features.



vertical pivot

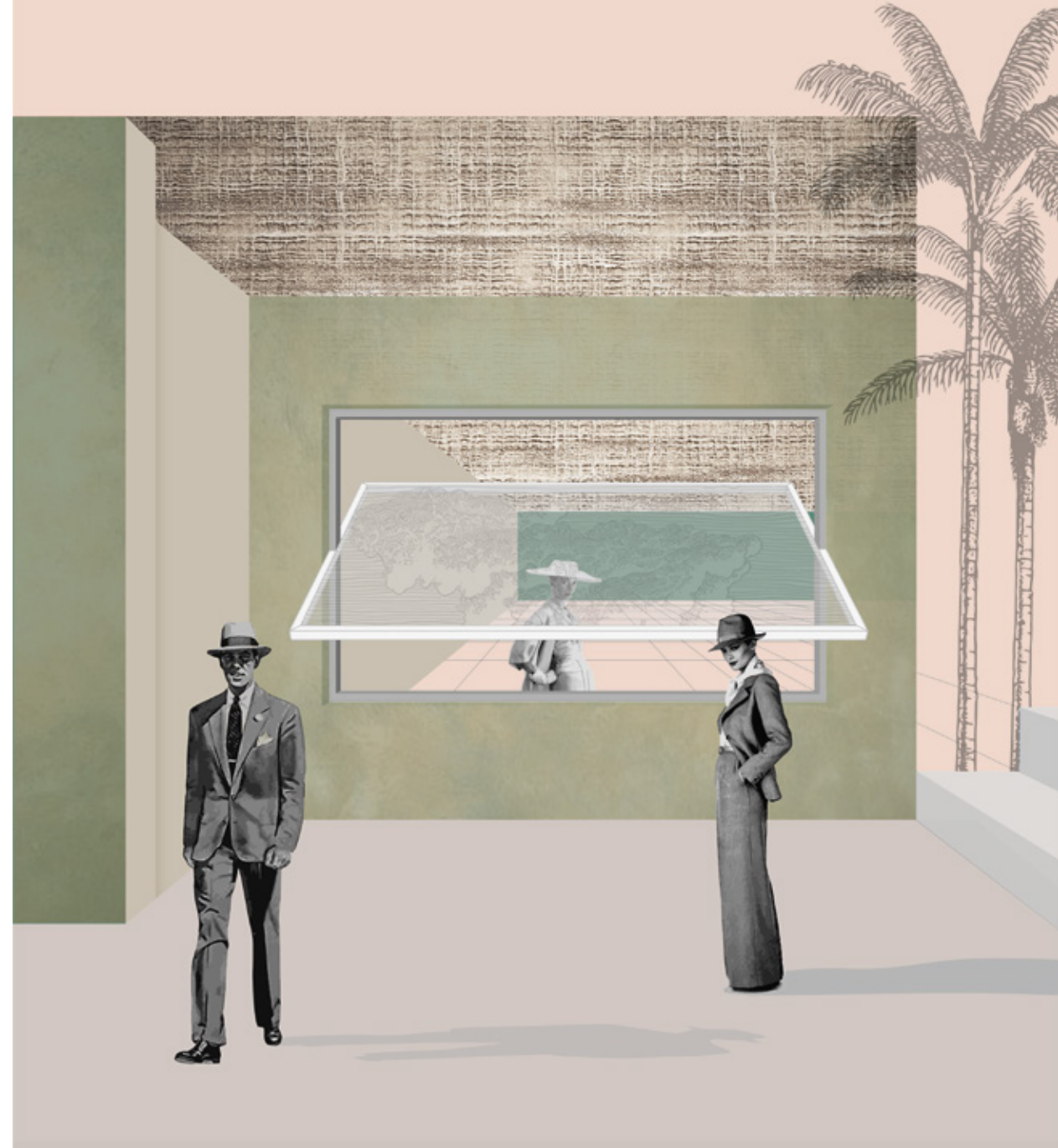
absolute balance in the movement of vertical pivot. The glass, supported in the opening by minimal profiles, rotates moving the internal space, modifying the connection linking external and internal, promoting the passage.



credit: Andrea Piovesan

horizontal pivot

as an eyelid rises with naturalness and opens the view, so the horizontal pivot, thanks to a game of balances between ascent and descent, moves and effortlessly rotates very heavy weights (up to 350 kg), projecting the view towards the outside.

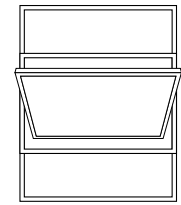
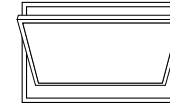
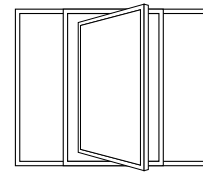
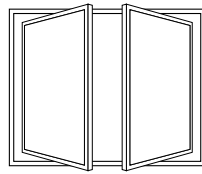
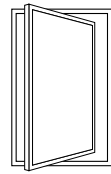


credit: Andrea Piovesan

equilibri project

large dimensions, minimal profiles, Equilibri project by Secco Sistemi offers elegant and scenographic pivots. The visible sections of only 62mm are constant throughout the perimeter of the window.

Handles, concealed hinges, glazing beads are all available with the same precious metals of Secco profiles; brass, corten, stainless steel, galvanized steel.



pivot typology

vertical 1 leaf

vertical 2 leaf

vertical with fixed

horizontal

horizontal with fixed

max leaf weight (kg)

350

350

350

250

250

max width dim. (mm)

2100

4200

2100 + fixed

2400

2400

max height dim. (mm)

3500

3500

3500

2200

2200 + fixed

page

20

24

28

34

38



pivots

Equilibri project pivot are made with the OS2 75 system, that has been awarded with Compasso d'Oro, the oldest and most renowned worldwide recognition for design. OS2 75 offers a range of large pivot openings, without giving up to reduced and constant sections, high performance and precious materials such as brass, corten, stainless steel, galvanized steel.

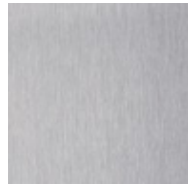


available finishes

stainless steel



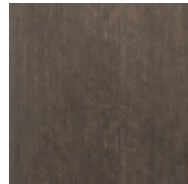
polished 316L stainless steel



scotch brite 316SB stainless steel

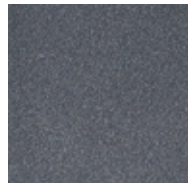


satin-finished 304 stainless steel



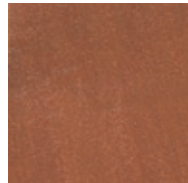
burnished 316SB stainless steel

galvanised steel

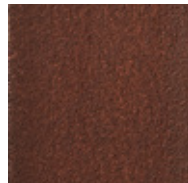


painted galvanised steel

corten steel

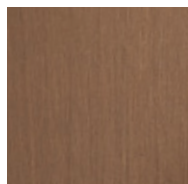


oxidised corten steel



waxed oxidised corten steel

brass



patinated OT67 brass



satin-finished OT67 brass

hinges

Hinge is the fundamental device that mediates between the window frame and sash and makes the pivot movement possible. Secco proposes this concealed technological device, in the same frame finishes - galvanized steel, stainless steel, corten and brass - with certified long-lasting characteristics and high payload up to 350 kg.



vertical hinges external view



vertical hinges internal view



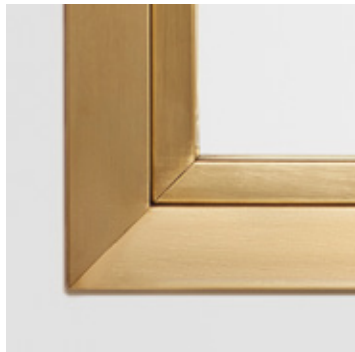
horizontal hinges external view



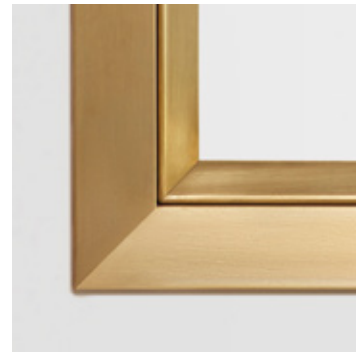
horizontal hinges internal view

glazing beads

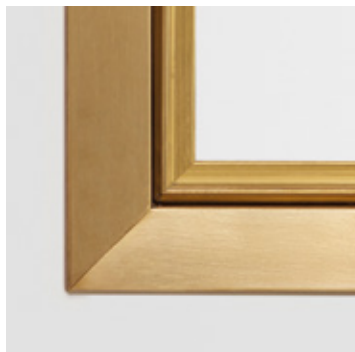
glazing beads are design elements made with the same materials and finishes as the window frame. Their shape and their size, compared to the section of the profile, are variants that can have different combinations and can change the perception of the space occupied by the window. The fastening of the glazing bead on the leaf is always concealed and, due to the continuity of the lines in the prospectus, the profiles can be welded together at the corners.



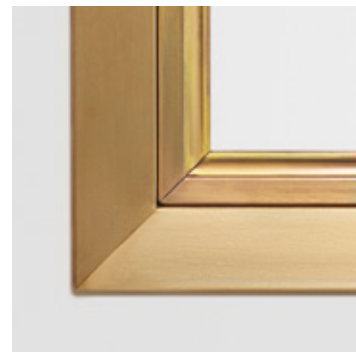
rectangular



triangular



thin



rounded square

handles

elegant and discreet accessory, with slight and linear profiles, the Secco handles integrate perfectly with the frame and are produced in the same precious materials and finishes of the profiles (brass, corten, stainless steel) and they can be T, or L-shaped.



vitruvio truncated



* vitruvio rounded



** vitruvio ovale



vitruvio square



*** raffaello truncated



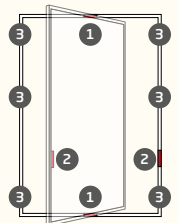
*** raffaello truncated

- * not available in Corten
- ** available only in brass
- *** available only in stainless steel for vertical pivot



1 LEAF VERTICAL PIVOT

structure

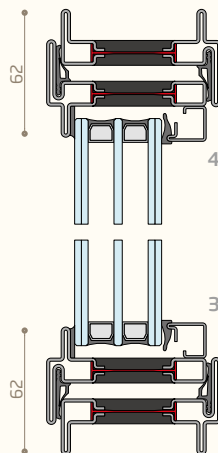
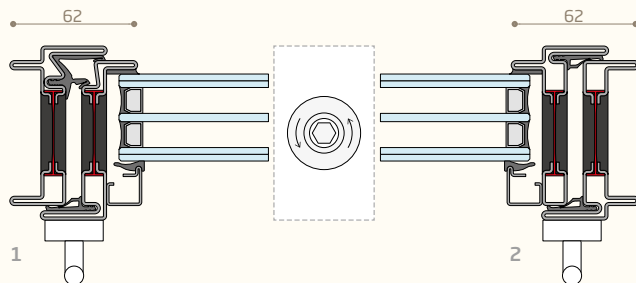
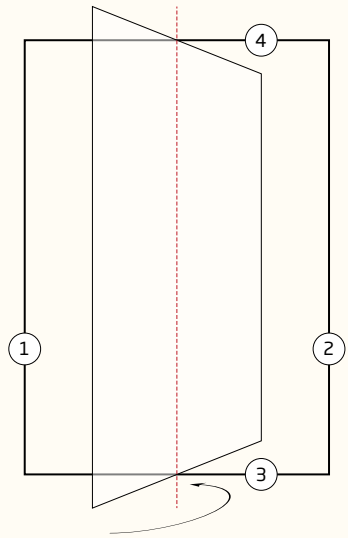


- 1 concealed hinge
- 2 handles
- 3 locking point



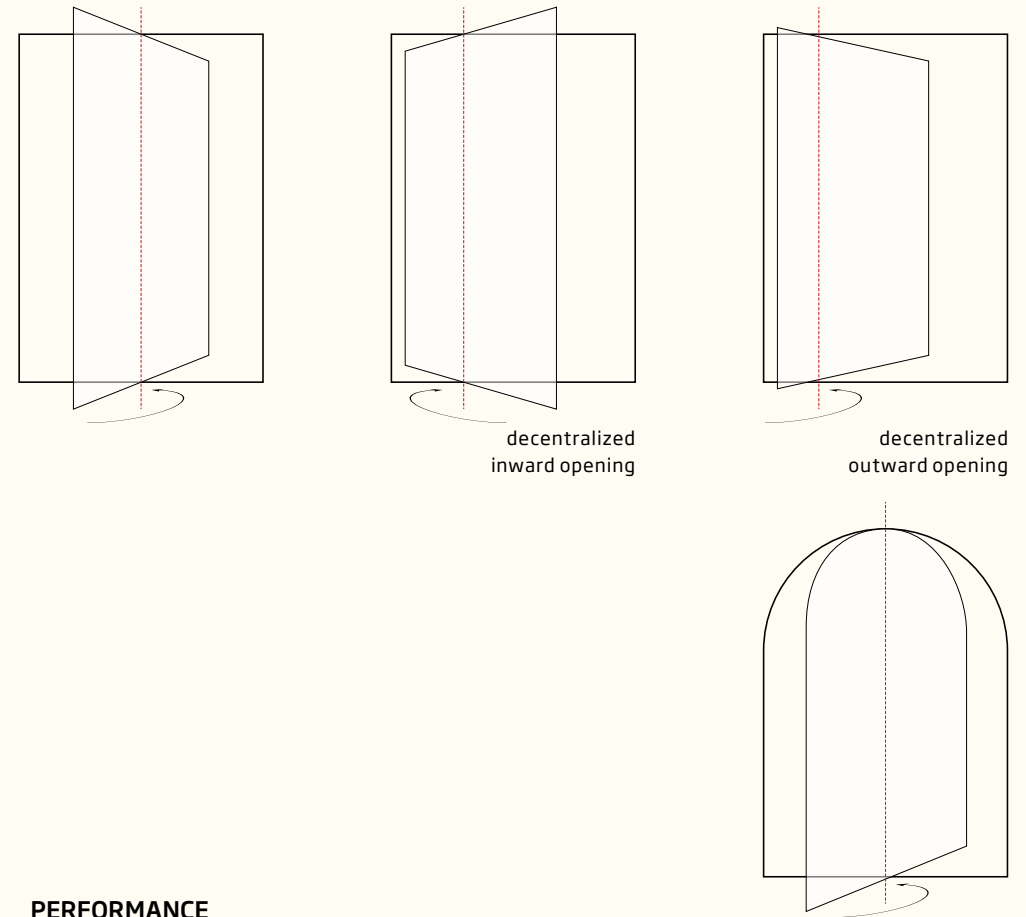
1 LEAF VERTICAL PIVOT

sections



1 LEAF VERTICAL PIVOT

geometrics



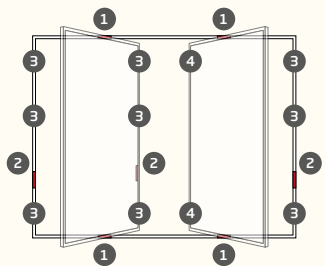
PERFORMANCE

wind resistance (DIN EN 12207)	4
water tightness (DIN EN 12208)	6A
wind resistance (DIN EN 12210)	C5
10000 opening cycle duration (DIN EN 1197 - 12400)	2
thermal transmittance (EN ISO 10077 - 2)	U _w =0.9 W/m ² K

maximum achievable performance

2 LEAF VERTICAL PIVOT

structure

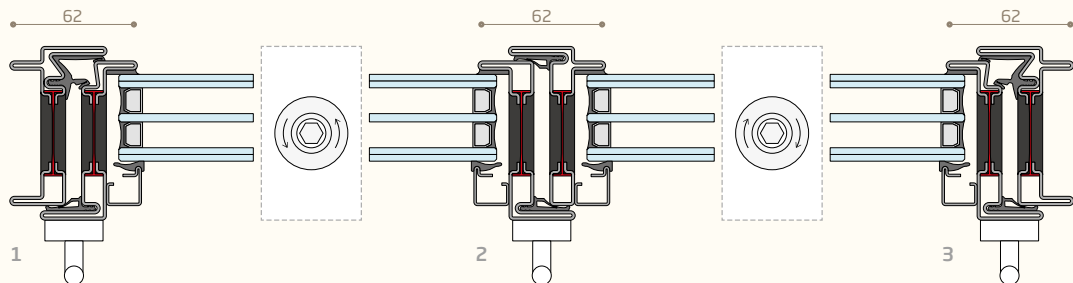
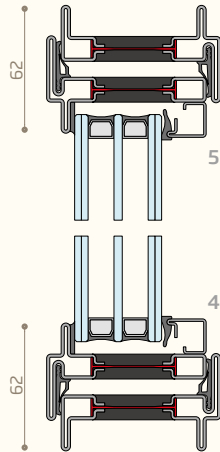
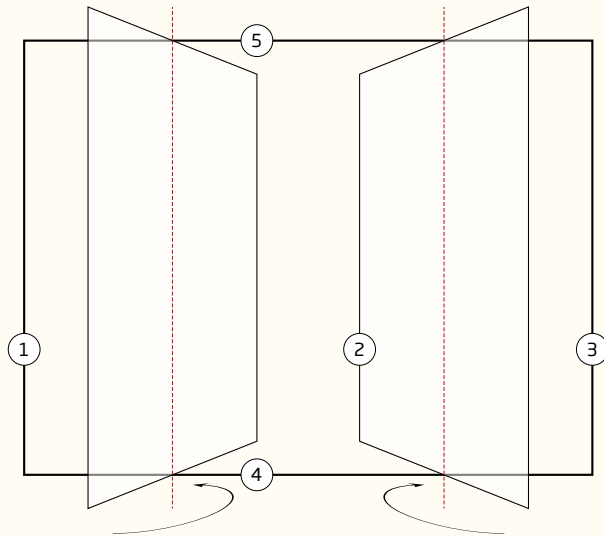


- 1 concealed hinge
- 2 handles
- 3 locking point
- 4 reinforced latches



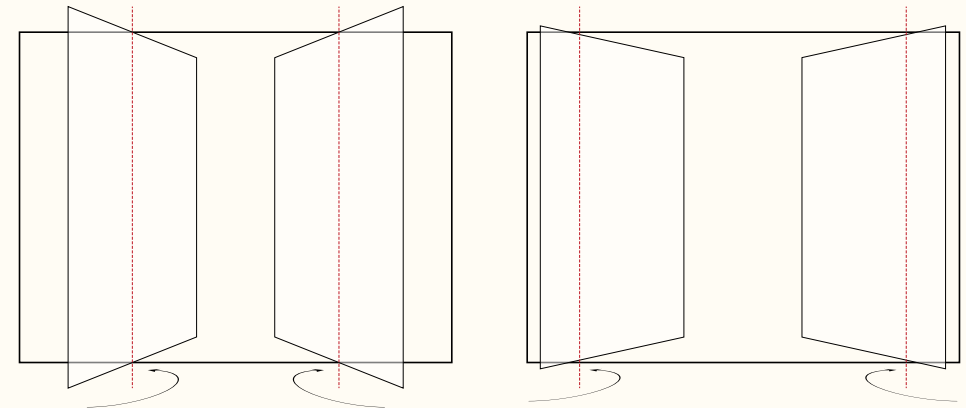
2 LEAF VERTICAL PIVOT

sections

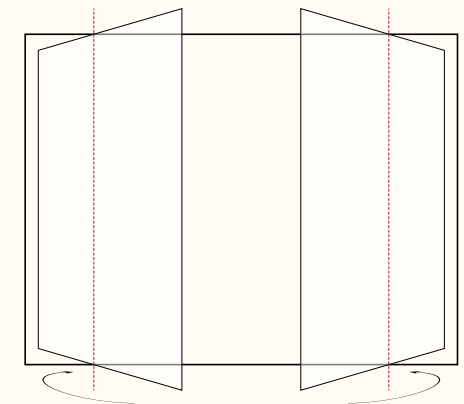


2 LEAF VERTICAL PIVOT

geometrics



decentralized inward opening



decentralized outward opening

PERFORMANCE

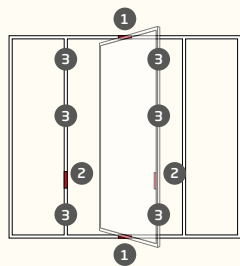
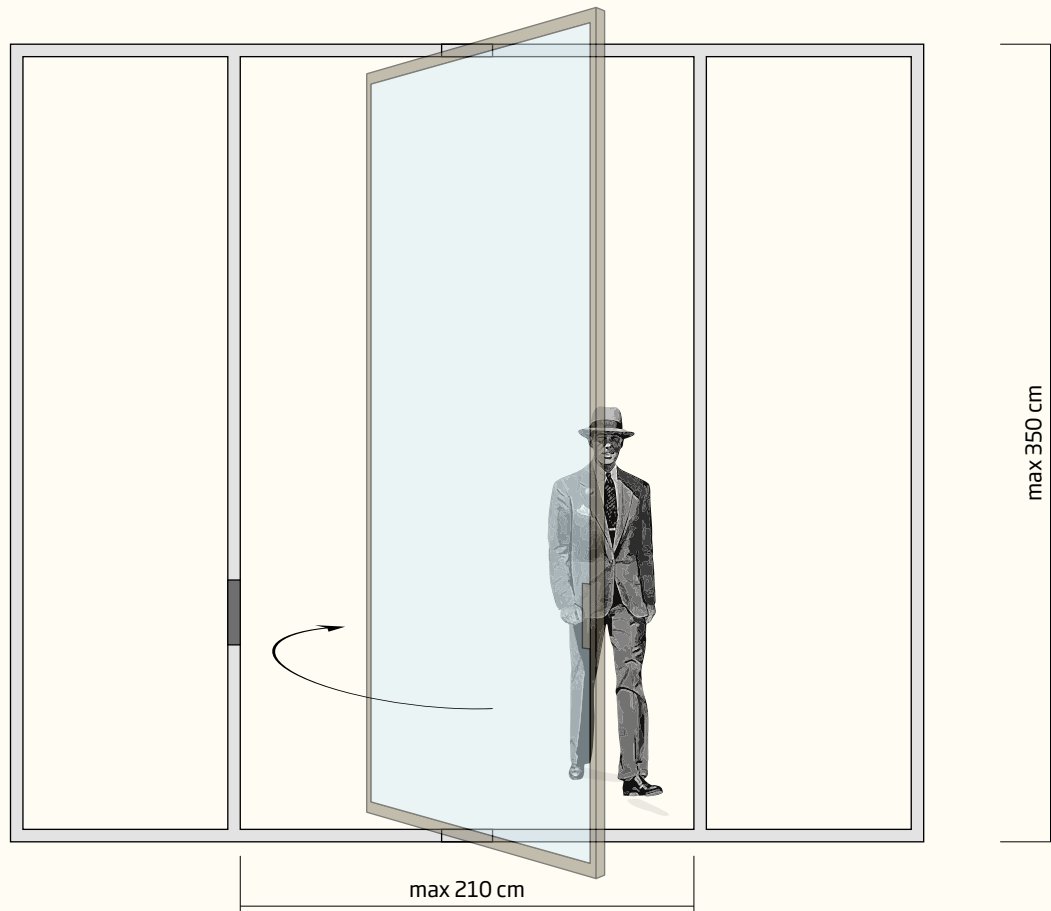
wind resistance (DIN EN 12207)	3*
water tightness (DIN EN 12208)	4A*
wind resistance (DIN EN 12210)	A2*
10000 opening cycle duration (DIN EN 1197 - 12400)	2
thermal transmittance (EN ISO 10077 - 2)	Uw=0.9 W/m2K

maximum achievable performance
* under certification

VERTICAL PIVOT WITH FIXED

example of 1 leaf with lateral fixed

structure



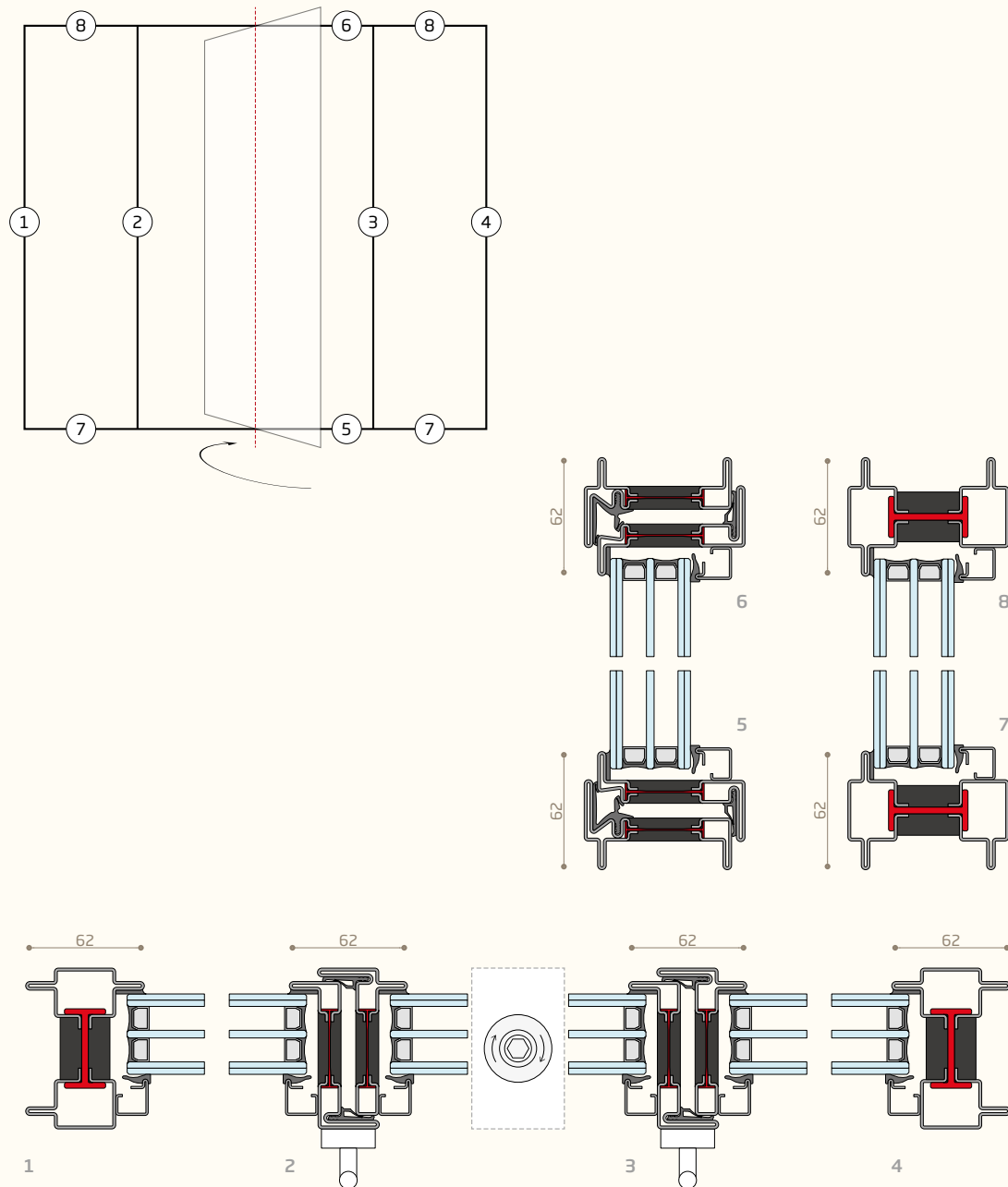
- 1 concealed hinge
- 2 handles
- 3 locking point



VERTICAL PIVOT WITH FIXED

example of 1 leaf with lateral fixed

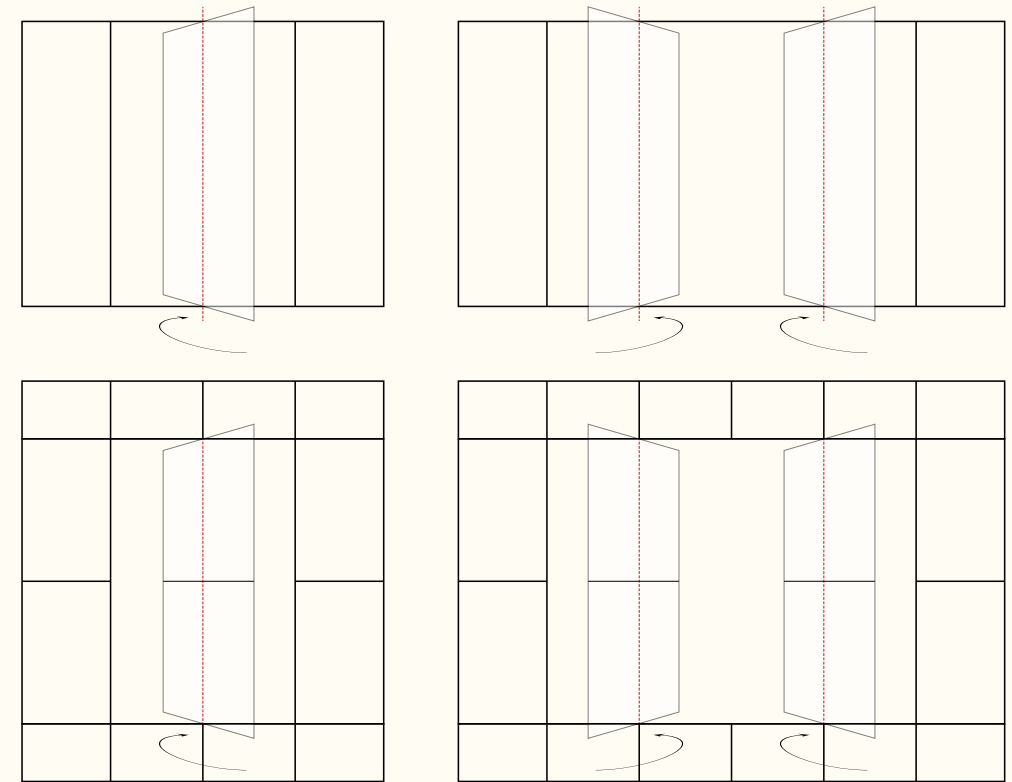
sections



VERTICAL PIVOT WITH FIXED

geometrics

indicative examples



all the visible section can be equal (62 mm)

PERFORMANCE

wind resistance (DIN EN 12207)	4
water tightness (DIN EN 12208)	6A
wind resistance (DIN EN 12210)	B2*
10000 opening cycle duration (DIN EN 1197 - 12400)	2
thermal transmittance (EN ISO 10077 - 2)	Uw=0.9 W/m2K

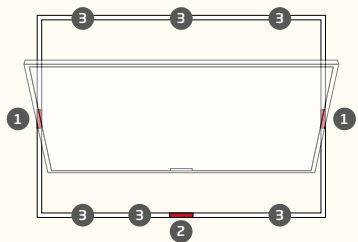
maximum achievable performance
* under certification



1 LEAF HORIZONTAL PIVOT

innovative closing system, for reduced sections, with a single handle

structure



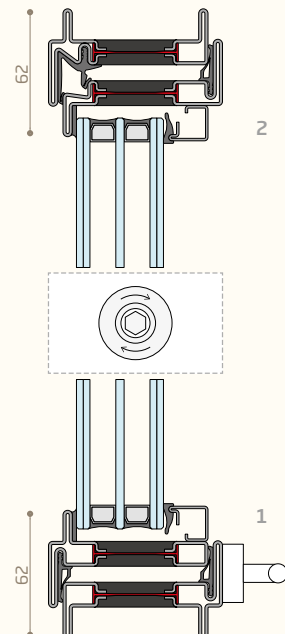
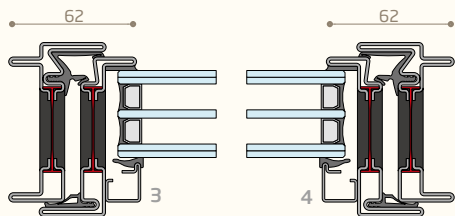
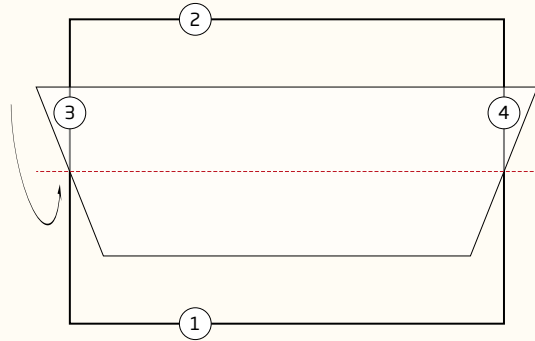
- 1 concealed hinges
- 2 handles
- 3 special perimeter closure, operable by a single handle



1 LEAF HORIZONTAL PIVOT

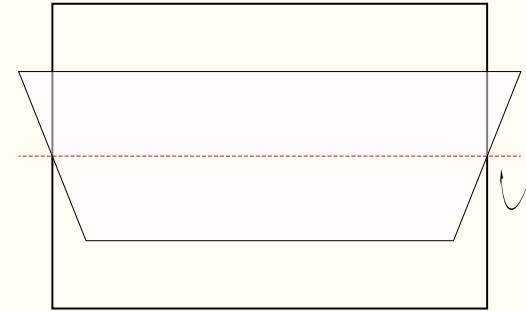
innovative closing system, for reduced sections, with a single handle

sections



1 LEAF HORIZONTAL PIVOT

geometrics



PERFORMANCE

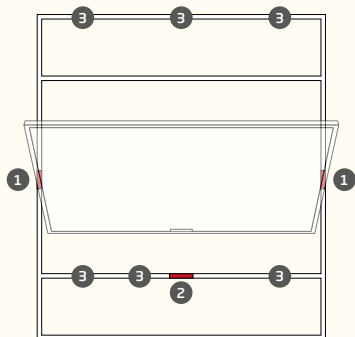
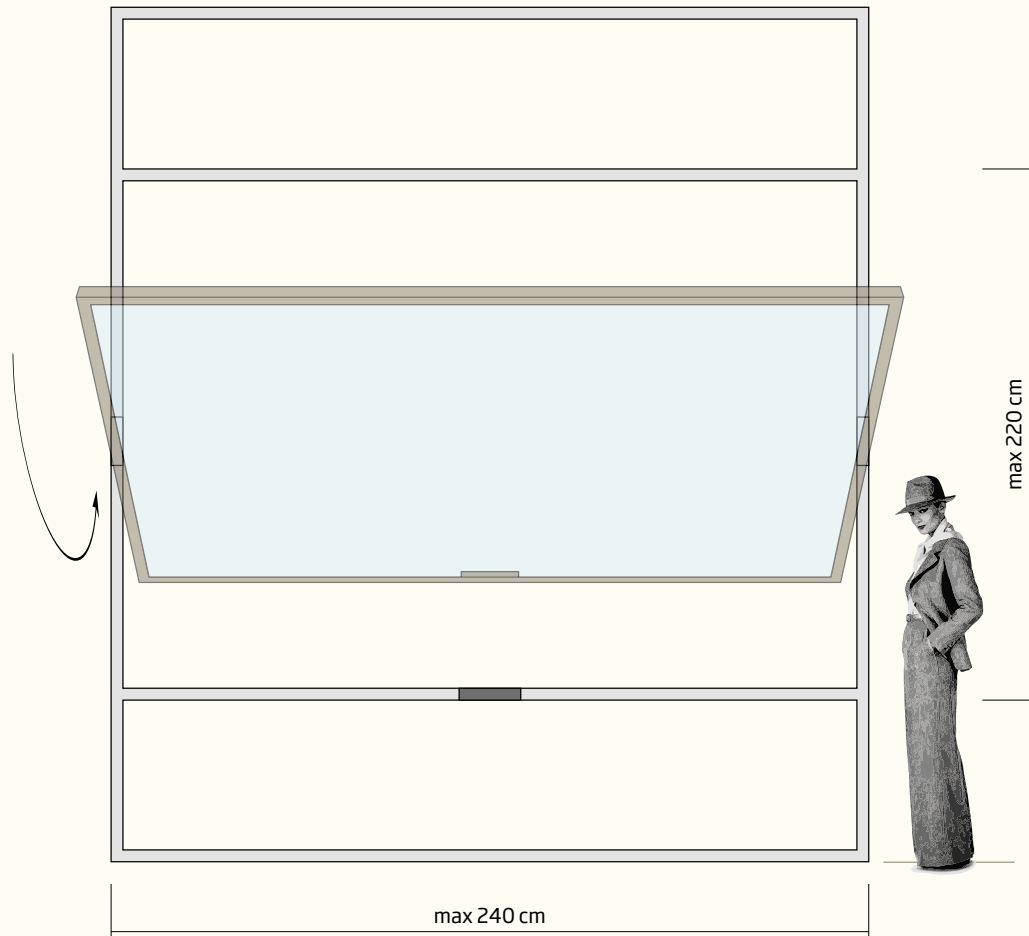
wind resistance (DIN EN 12207)	4
water tightness (DIN EN 12208)	7A
wind resistance (DIN EN 12210)	C4
thermal transmittance (EN ISO 10077 - 2)	Uw=1.0 W/m2K

maximum achievable performance

HORIZONTAL PIVOT WITH FIXED

innovative closing system, for reduced sections, with a single handle
example with upper and lower fixed

structure



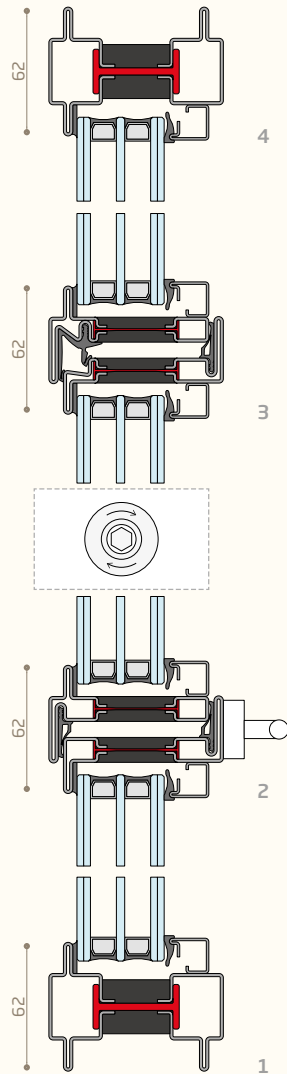
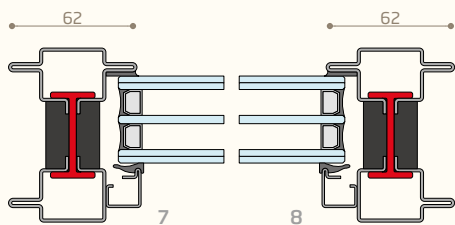
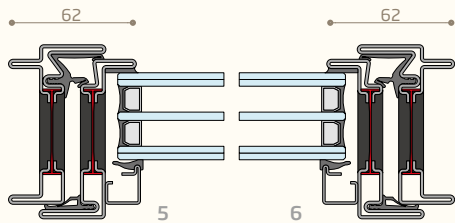
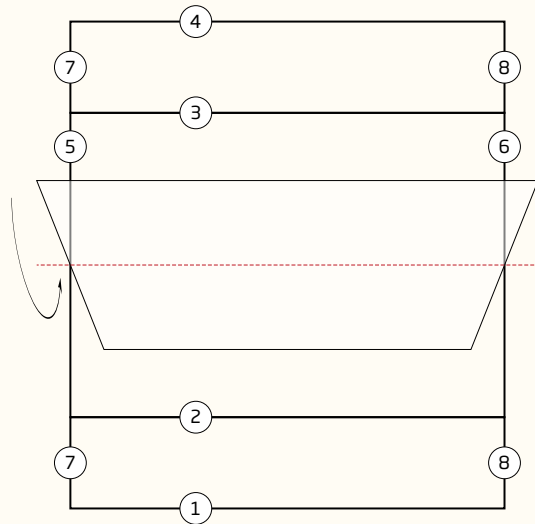
- 1 concealed hinge
- 2 handles
- 3 special perimeter closure, operable by a single handle



HORIZONTAL PIVOT WITH FIXED

innovative closing system, for reduced sections, with a single handle
example with upper and lower fixed

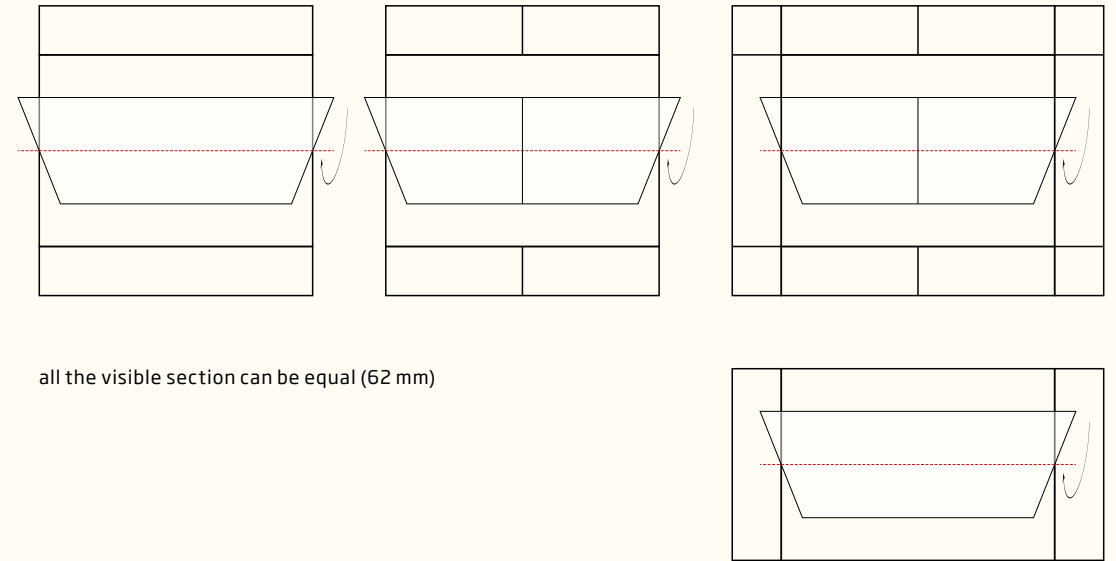
sections



HORIZONTAL PIVOT WITH FIXED

geometrics

indicative examples



all the visible section can be equal (62 mm)

PERFORMANCE

wind resistance (DIN EN 12207)	4
water tightness (DIN EN 12208)	7A
wind resistance (DIN EN 12210)	B3*
thermal transmittance (EN ISO 10077-2)	Uw=1.0 W/m2K

maximum achievable performance
* under certification



Secco Sistemi is an Italian brand that symbolizes innovation and design awarded with "Compasso d'Oro" prize. It has been contributing to the evolution of window and door engineering 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 340 profiles have been developed in 4 selected metals - galvanized steel, stainless steel, corten steel and brass - and in 9 different finishes with an annual production of 2.8 million linear meters of profiled bars for 280,000 doors and windows.



Wood Aluminium Steel Systems

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