



the invisible
class of
security





History

the ability to withstand shocks and deformation it is in the nature of metal, the material of Secco products; even in small sections our profiles are robust, allowing the construction of bold and unexpected design solutions. This physiognomy could only respond naturally to the burglary resistance needs of doors and windows with minimal profiles and precious materials; brass, corten, stainless steel and zinc plated steel.



RC resistance class

RC is the ability to resist or to make the burglary of doors and windows difficult to malicious attackers. The burglary resistance classes of the windows, from 1 (less performing) to 6 (more performing), are determined by breaking-in tests on the fixtures according to UNI EN 1627:2011 standard.

The tests include

static load: the closing points of the frame are stressed by thrust defined according to the class of resistance needed to be achieved, for example 1000kg for class RC 4. To pass the test the frame must not undergo serious deformation.

dynamic load: the glazed chamber and the central pillar of the frame should withstand the impact of a pendulum, the weight and height of which are defined by the class of strength to be achieved. The test shall be passed if there are no detached or removed parts in the frame and if openings are created, they should not permit the passage of the specified gauges required by the standards.

manual attack: it consists of trying to open the window within a certain coupling time, using specific tools for burglary. times and tools are defined by the class of forced entry that is needed to be achieved.



RC burglary classes

RC1

The window must resist the improvising burglary (acts of vandalism), which try to open the door with only physical force.

RC2

The frame must resist the accidental or inexperienced burglar who tries to break in using simple tools such as screwdrivers, pliers, wedge. The loads for the tests vary from 1.5 to 3 kN and the attack time is 3 minutes.

RC3

The frame must resist an experienced burglar who tries to open the frame using a crowbar, a long screwdriver and a small hammer. The loads for the tests vary from 3 to 6 kN and the onset time is 5 minutes.

RC4

The frame must resist the very experienced burglar who, in addition to using the tools required by the RC3 test, can use saws, hammers, hatchets, chisels and battery drills. Test loads range from 6 to 10 kN and the onset time is 10 minutes.

RC5

The frame must resist the very skilled and experienced burglar who can also use electric tools such as drill, reciprocating saw, sabre saw and a corner grindstone with 125 mm disc. Test loads range from 10 to 15 kN and the onset time is 15 minutes.



RC solved with Secco systems

to satisfy the most sought-after burglary-resistant needs, Secco Sistemi offers two systems for doors and windows, the minimal **OS2** and the tenacious **EBE**. Both offer high levels of burglary resistance

tipologia	pag	OS2 65	OS2 75	RC2	RC3	RC4	RC5
one leaf window with tilt and turn opening	14		○	●	●		
fixed	15	○	○	●	●		
1-leaf window inward-opening	16	○	○	●			
2-leaf window inward-opening	16	○	○	●			
1-leaf window outward-opening	17	○	○	●			
2-leaf window outward opening	17	○	○	●			
1-leaf door inward opening	18	○	○	●			
2-leaf door inward opening	18	○	○	●			
1-leaf door outward opening	19	○	○	●			
2-leaf door outward opening	19	○	○	●			

for most types of opening and are available in 4 different high quality materials; brass, corten, stainless steel, painted steel.

tipologia	pag	EBE 65	EBE 75	EBE 85	RC2	RC3	RC4	RC5
1-leaf window with tilt and turn opening	26	○	○	○	●	●	●	
2-leaf window tilt and turn	26	○	○	○	●	●		
lift and slide door	27			○	●			
1-leaf door inward opening	28	○	○	○		●	●	
2-leaf door inward opening	28	○	○	○		●		
1-leaf door outward opening	29	○	○	○		●		
2-leaf door outward opening	29	○	○	○		●		
fixed	30	○	○	○		●	●	●

The solutions shown represent the system's potential. The availability of individual configurations is subject to verification by the Secco commercial network.

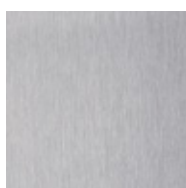
OS2 RC

OS2 perfects itself in its solid and precious lightness, proposing a further efficiency, the RC certified burglar-proof opening range, without sacrificing its minimal profiles and high-quality materials.

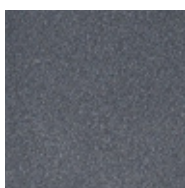
OS2 maintains its reduced sections even in the burglar-proof windows, only 47 mm for the lateral point and 62 mm for the central point in the double-leaf windows and is available in the two variants OS2 75 and OS2 65. With the many possible versions in the types of opening and modulation of the elevations, with minimal sections and high performance, and impeccable materials and finishes, OS2 received the Compasso d'Oro award, the oldest and most authoritative worldwide recognition in the field of design.



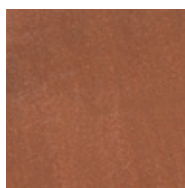
Materials and finishes



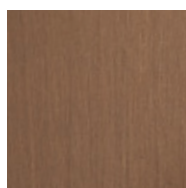
stainless steel |
polished - satin -
finished - burnished



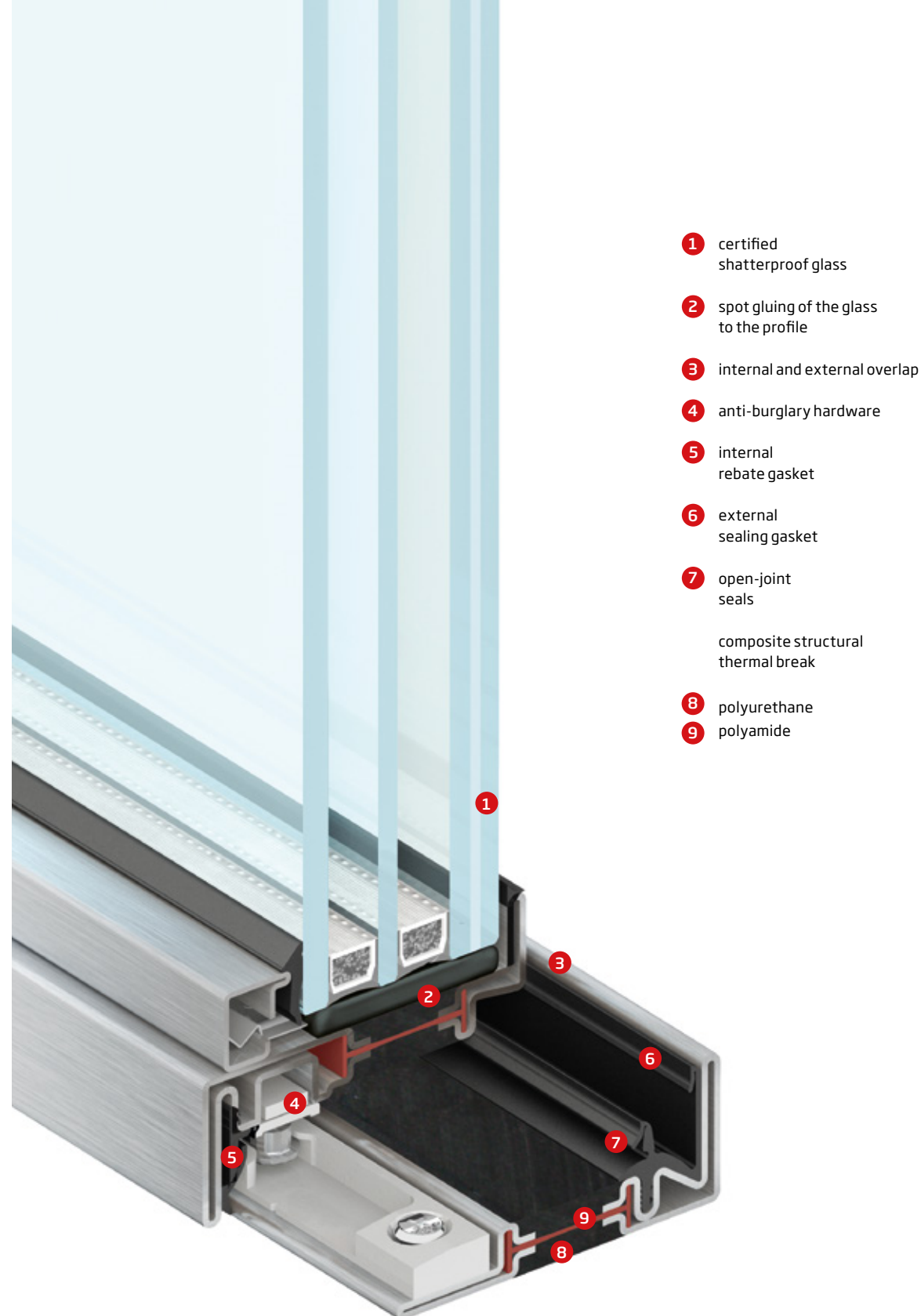
painted
galvanised steel



corten steel



brass | natural -
burnished



OS2 75 RC

window corner



burnished stainless steel
external view

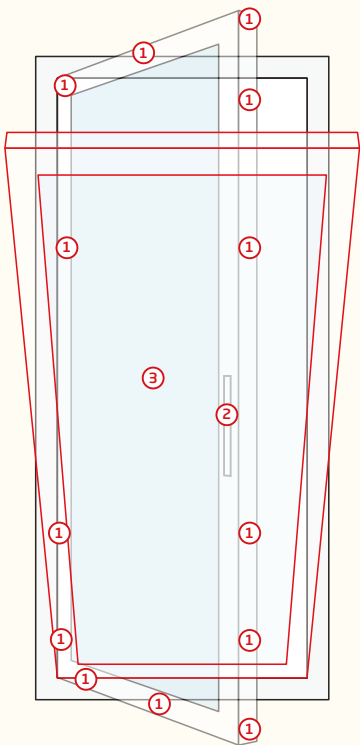


burnished stainless steel with
triangular glazing bead
internal view

TILT AND TURN WINDOW OS2 75

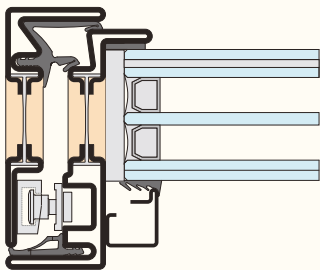
anti-burglary class

RC2 | RC3



- 1 locking points in stainless steel
- 2 anti-burglary handle
- 3 P5A certified for RC3, shatterproof glass glued to the profile

47

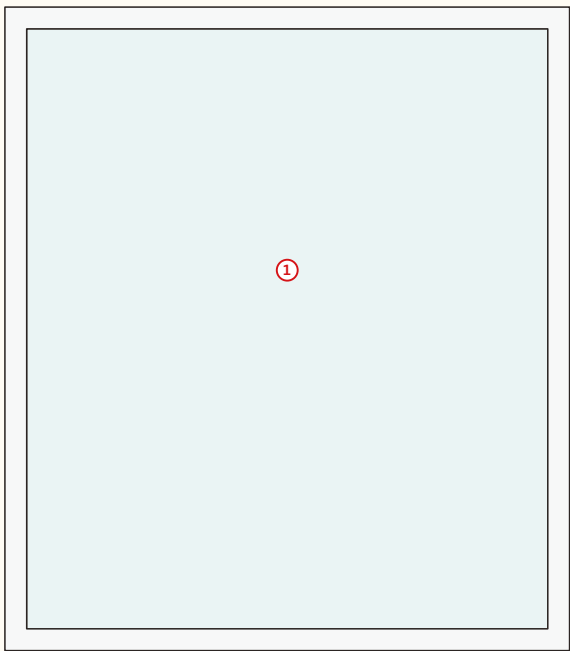


lateral section

FIXED FRAME OS2 65-75

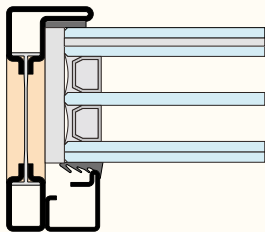
anti-burglary class

RC2 | RC3



- 1 certified shatterproof glass P4A for RC2 or P5A for RC3, glued to the profile

27



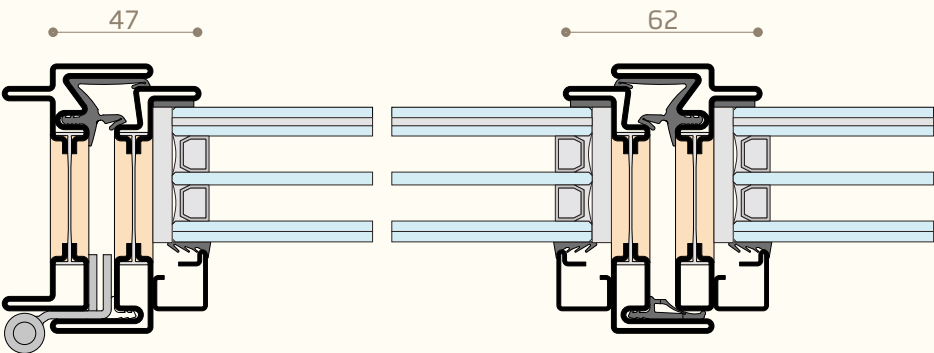
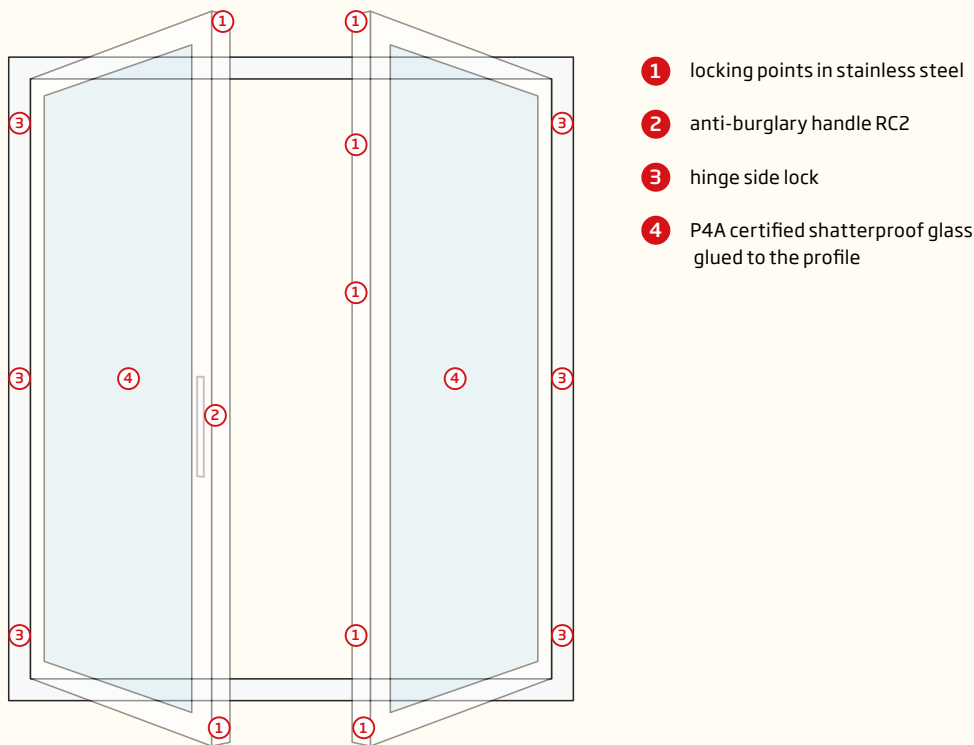
lateral section

INWARD OPENING WINDOW OS2 65-75

available at 1 or 2 leaf

anti-burglary class

RC2



lateral section

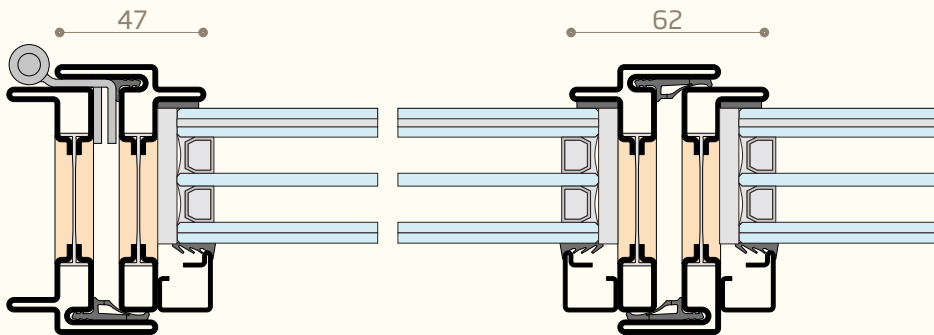
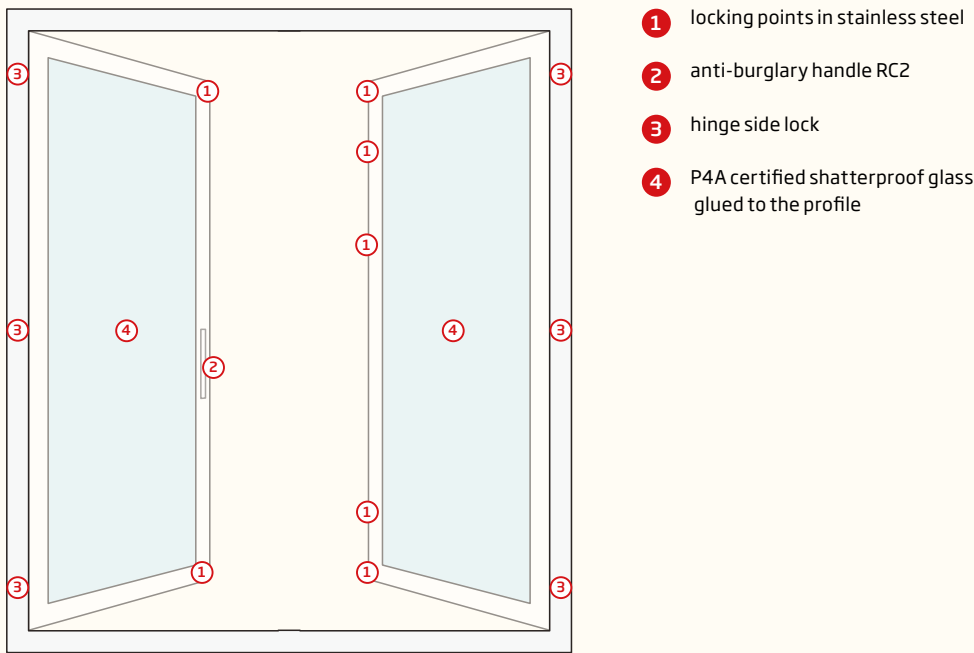
central section

OUTWARD OPENING WINDOW OS2 65-75

available at 1 or 2 leaf

anti-burglary class

RC2



lateral section

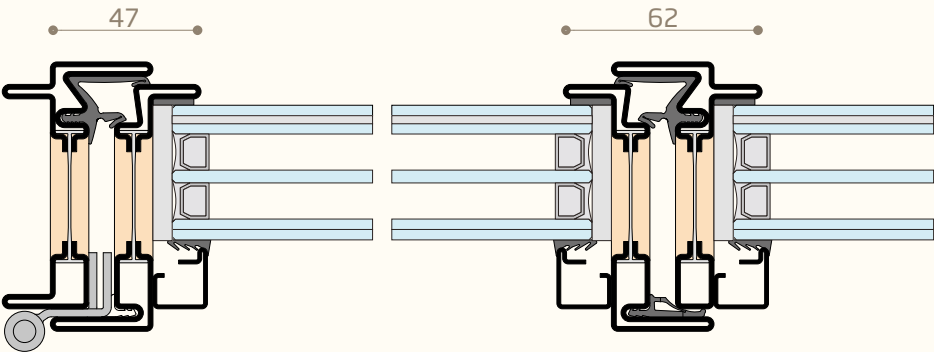
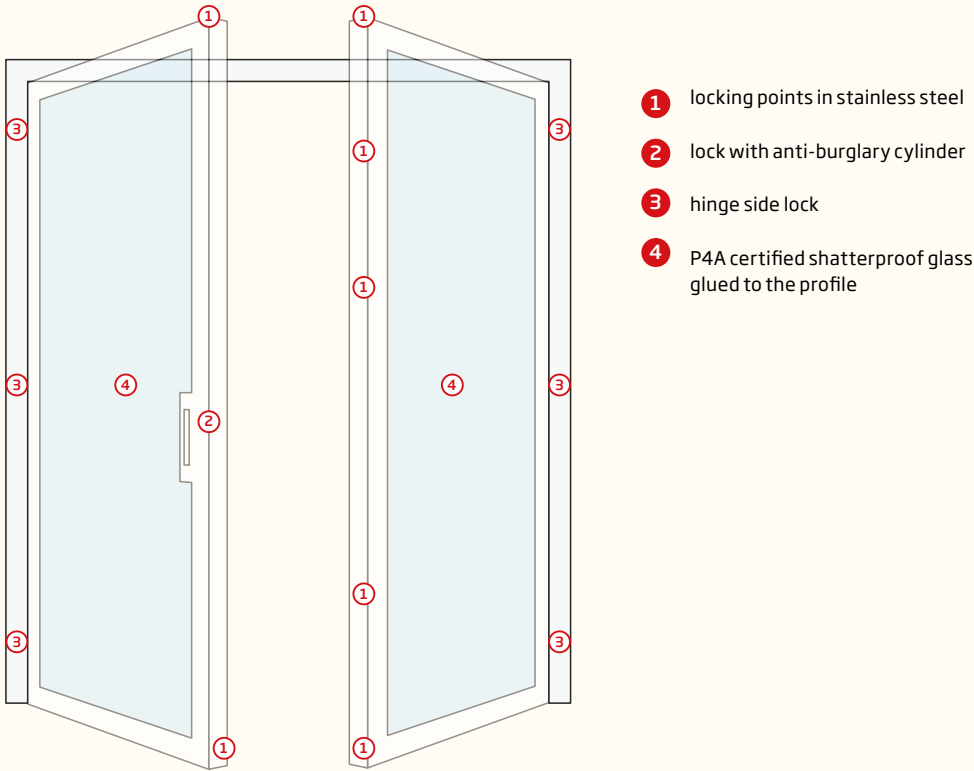
central section

INWARD OPENING DOOR OS2 65-75

available at 1 or 2 leaf

anti-burglary class

RC2



lateral section

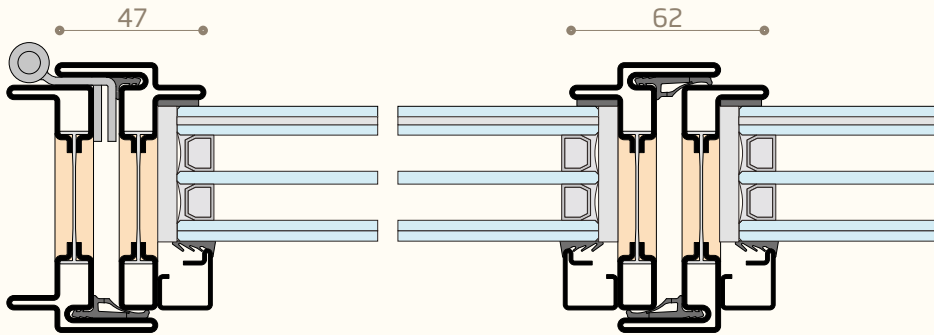
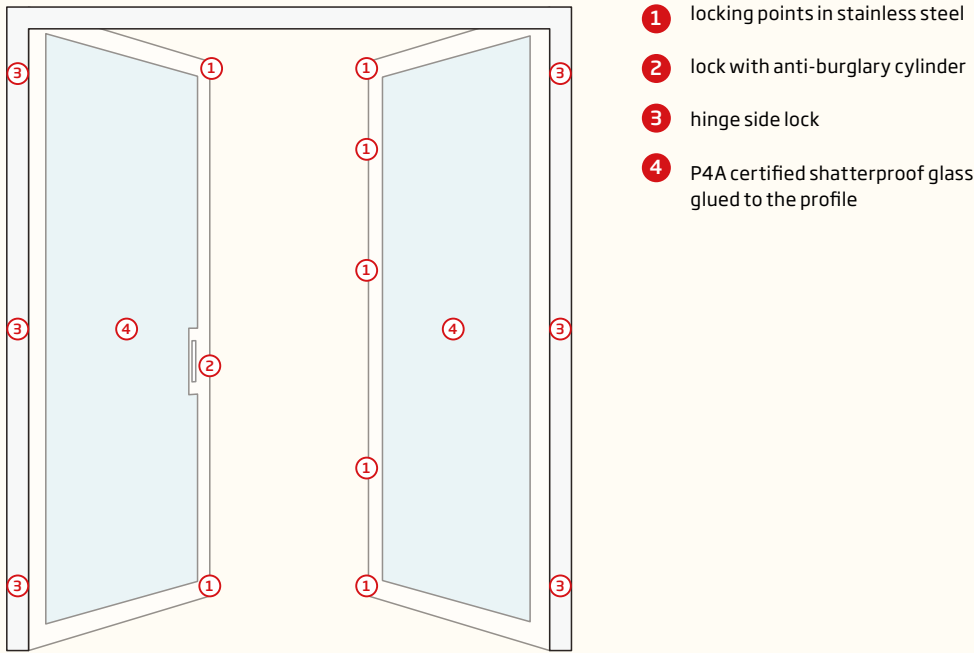
central section

OUTWARD OPENING DOOR OS2 65-75

available at 1 or 2 leaf

anti-burglary class

RC2



lateral section

central section

OS2 75 RC

Twin Houses | Ekali - Greece



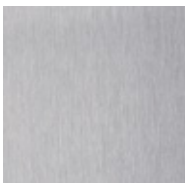
OS2 75 zinc-plated steel

EBE RC

the first system for doors and windows in high-quality metals with thermal breaks, EBE continues its attention to innovation by offering high-performance anti-burglary fixtures.

Thanks to its strong and slim profiles, EBE allows the manufacturing of windows and doors, even large ones, with breaking-in classes up to the remarkable protection performance. Burgler-proof EBE is available in the EBE 65, EBE 75 and EBE 85 versions and also includes the RC 2 burglar-resistant lift and slide door in its range.

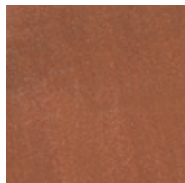
Materials and finishes



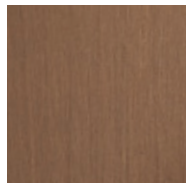
stainless steel |
polished - satin -
finished - burnished



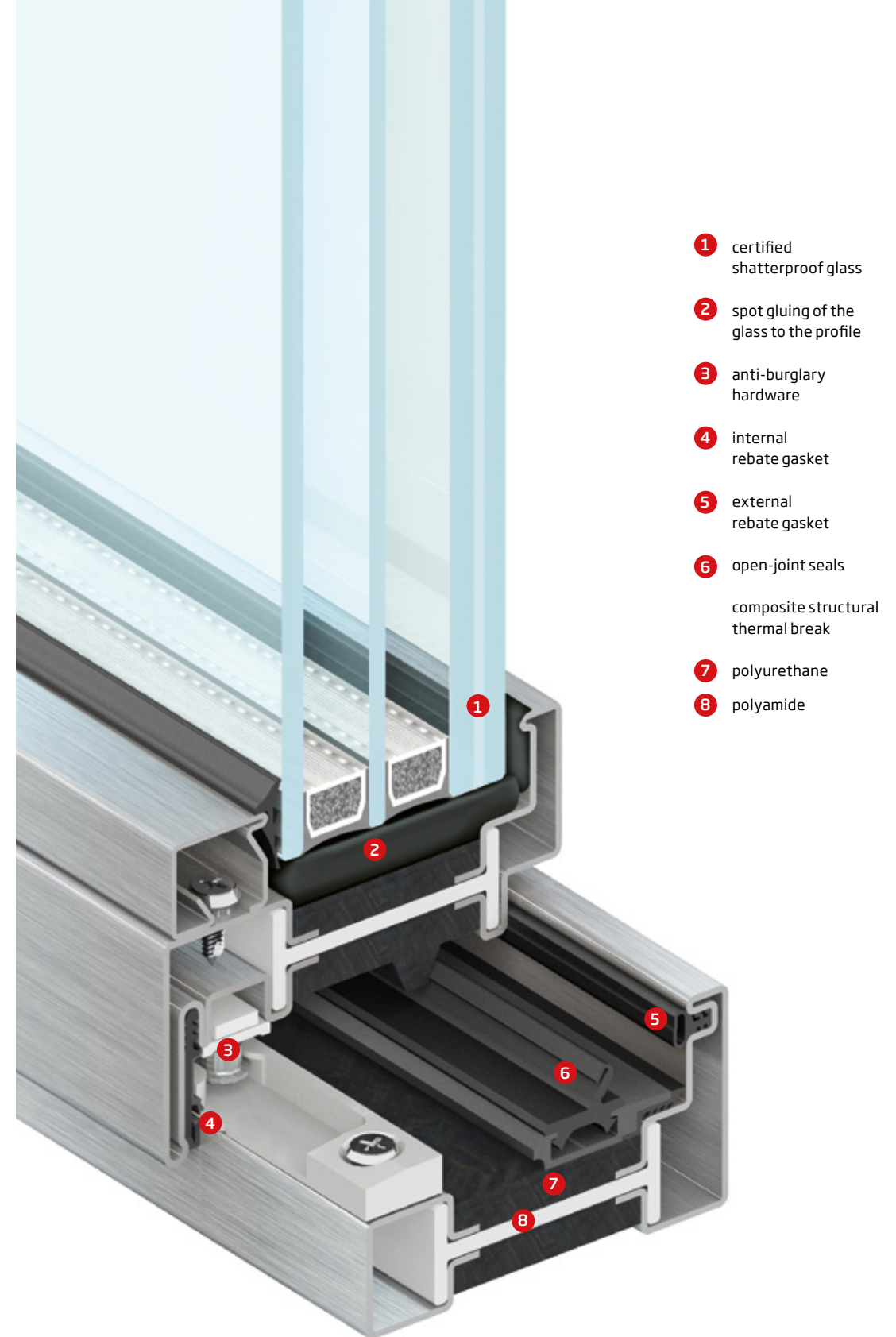
painted
galvanised steel



corten steel



brass | natural -
burnished



EBE 85 RC

bimaterial window corner



burnished brass
external view



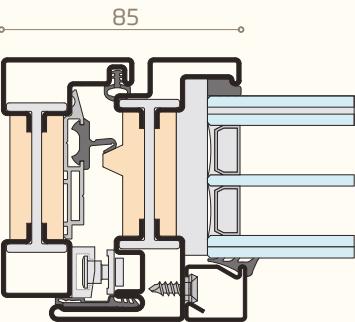
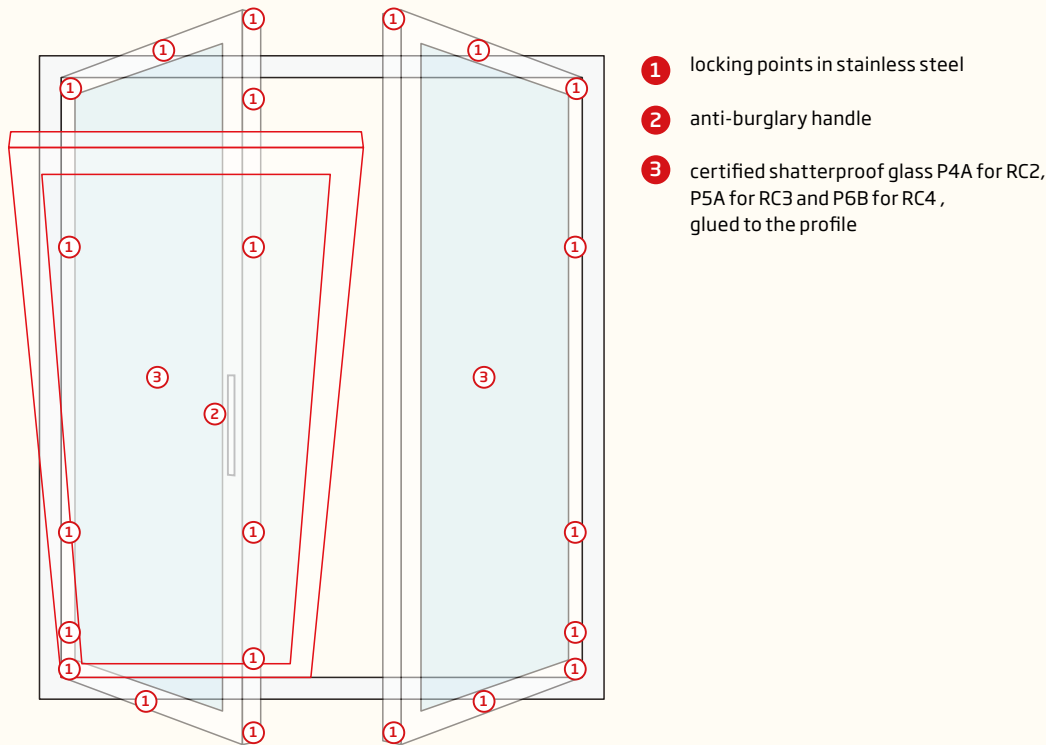
scotch brite stainless
steel with welded corners
and thin glazing bead
internal view

TILT AND TURN WINDOW EBE 65-75-85

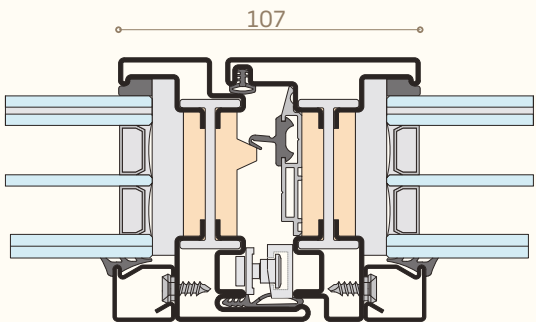
available at 1 or 2 leaf

anti-burglary class

RC2 | RC3 | RC4 only for single leaf



lateral section



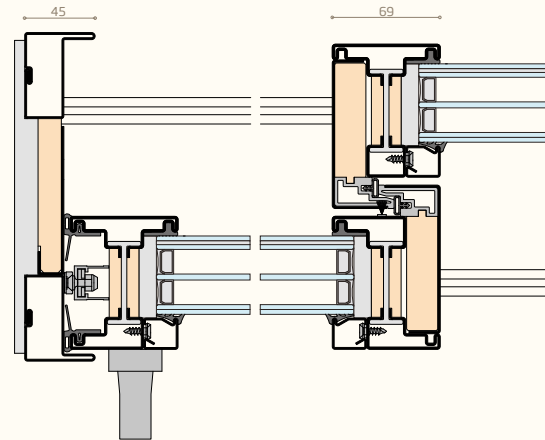
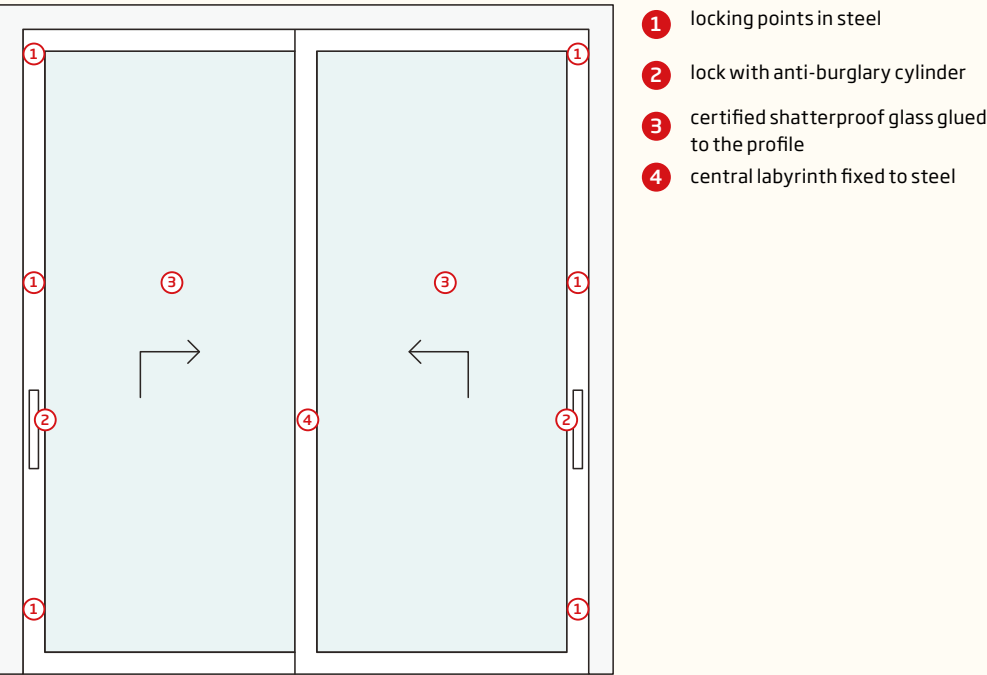
central section

LIFT AND SLIDE DOOR EBE 85

available at 1 or 2 leaf

anti-burglary class

RC2



lateral section

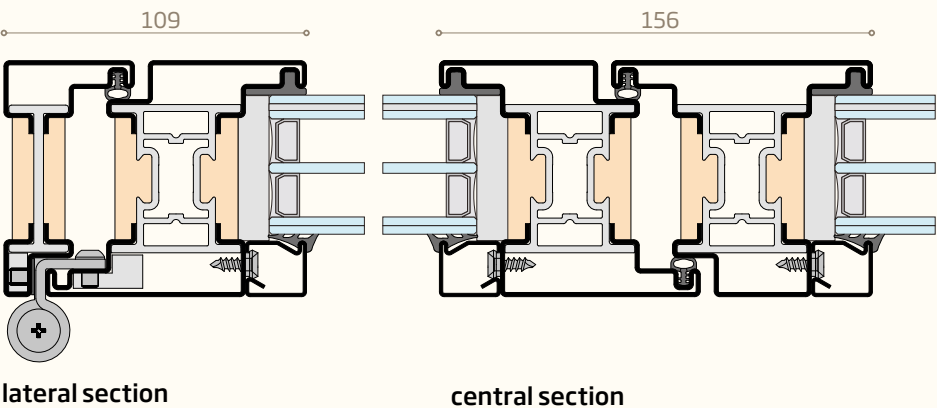
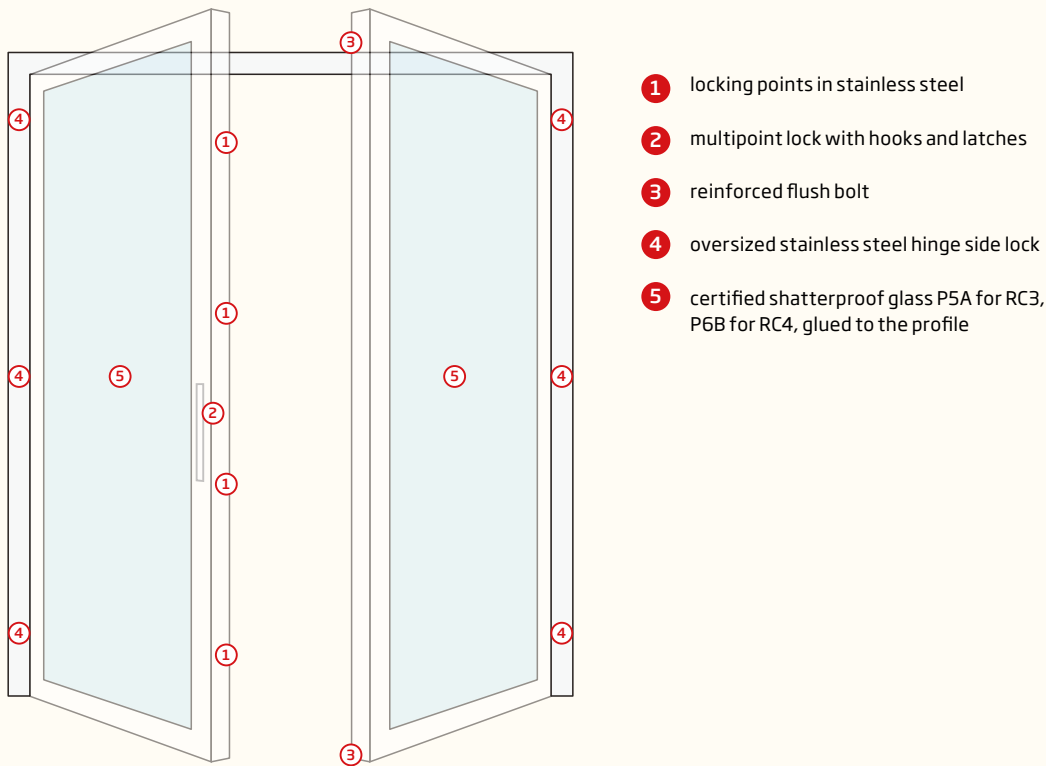
central section

INWARD OPENING DOOR EBE 65-75-85

available at 1 or 2 leaf

anti-burglary class

RC3 | RC4 only for single leaf

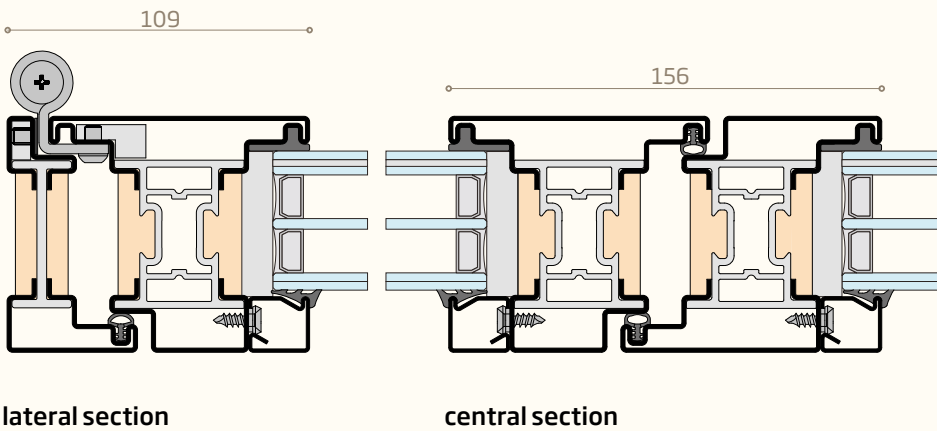
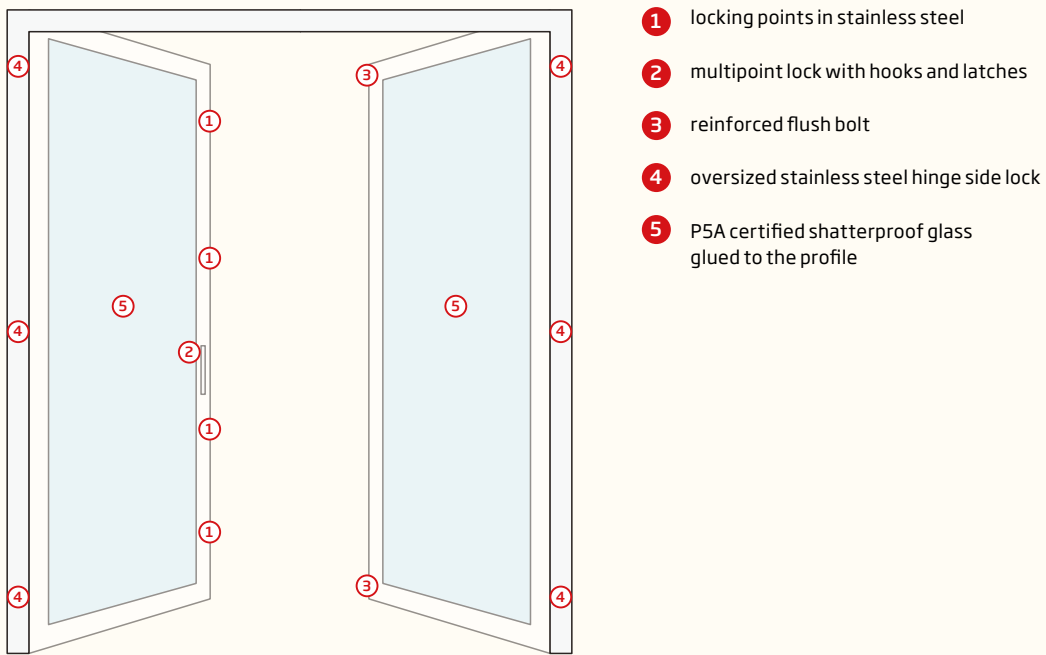


OUTWARD OPENING DOOR EBE 65-75-85

available at 1 or 2 leaf

anti-burglary class

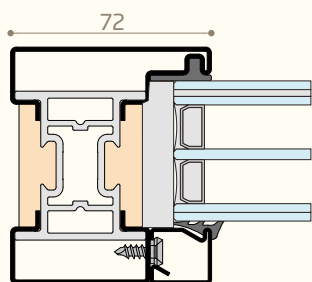
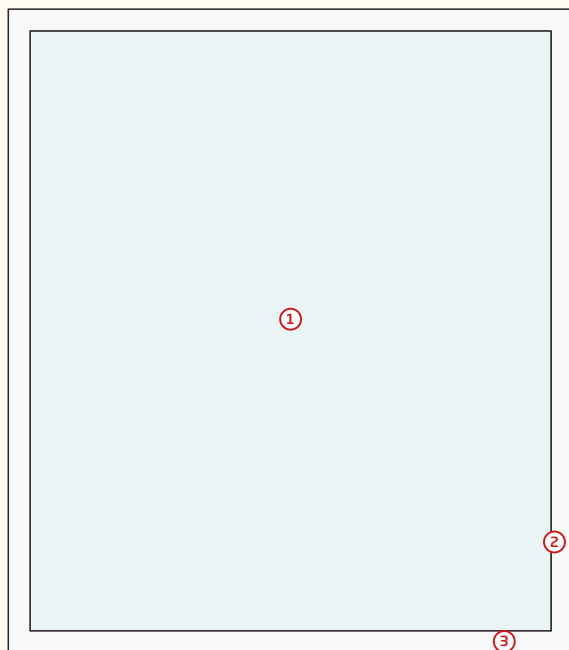
RC3



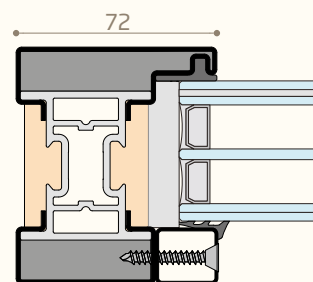
FIXED FRAME EBE 65-75-85

anti-burglary class

RC3 | RC4 | RC5 only for EBE85



lateral section RC3 - RC4



lateral section RC5



EBE 85 RC

ourtyard House | San Francisco - USA

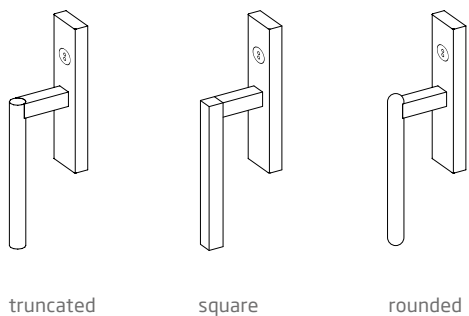


EBE 85 burnished stainless steel

RC Handles

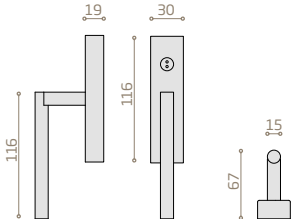
harmony with the essential lines of the window in the same high-quality materials and finishes. The anti-burglary handle of Secco Sistemi, exclusively for OS2 in RC2, integrates itself in the plate, discreetly and elegantly, the opening block can be operated with a special RC key

Vitruvio



HANDLES

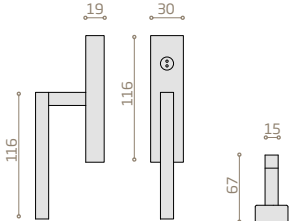
truncated vitruvio



materials and finishing

polished st. steel	scotch brite stainless steel	burnished steel
burnished brass	satin-finished brass	corten steel

square vitruvio

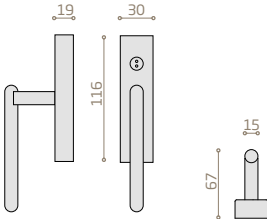


materials and finishing

polished st. steel	scotch brite stainless steel	burnished steel
burnished brass	satin-finished brass	corten steel

HANDLES

rounded vitruvio



materials and finishing

polished st. steel	scotch brite stainless steel	burnished steel
burnished brass	satin-finished brass	corten steel

OS2 75 - RC

Farmhouse | Siena



os2 75 corten steel

Secco Sistemi is an Italian brand that symbolises innovation and design awarded with "Compasso d'Oro". 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 340 profiles have been developed in 4 select metals - galvanised steel, stainless steel, corten steel and brass - and in 9 different finishes with an annual production of 2.8 million linear metres of profiled bars for 280,000 doors and windows.



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