



SECURITY

LIGHTNESS
SECURITY
LIGHT PROFILE
TRANSPARENCY

SECURITY

WIDE SIZES
DESIGN
ARCHITECTURE
BESPOKE
MADE IN ITALY

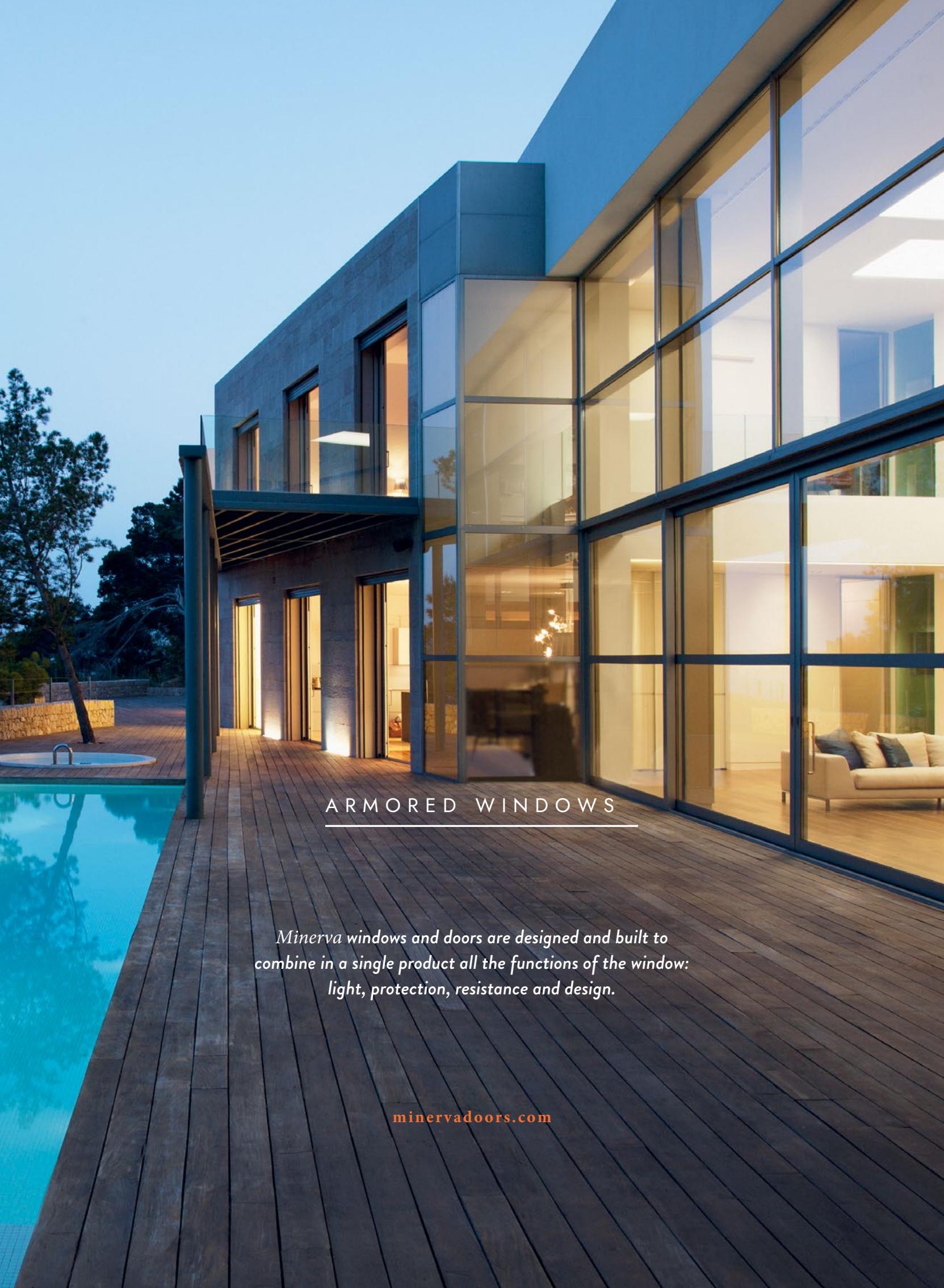
PROTECTION

SECURITY GLASS
BULLETPROOF
IMPERMEABLE

DOORS

ACCESS CONTROL
TECHNOLOGY
BIOMETRIC SECURITY
HI-TECH DEVICES



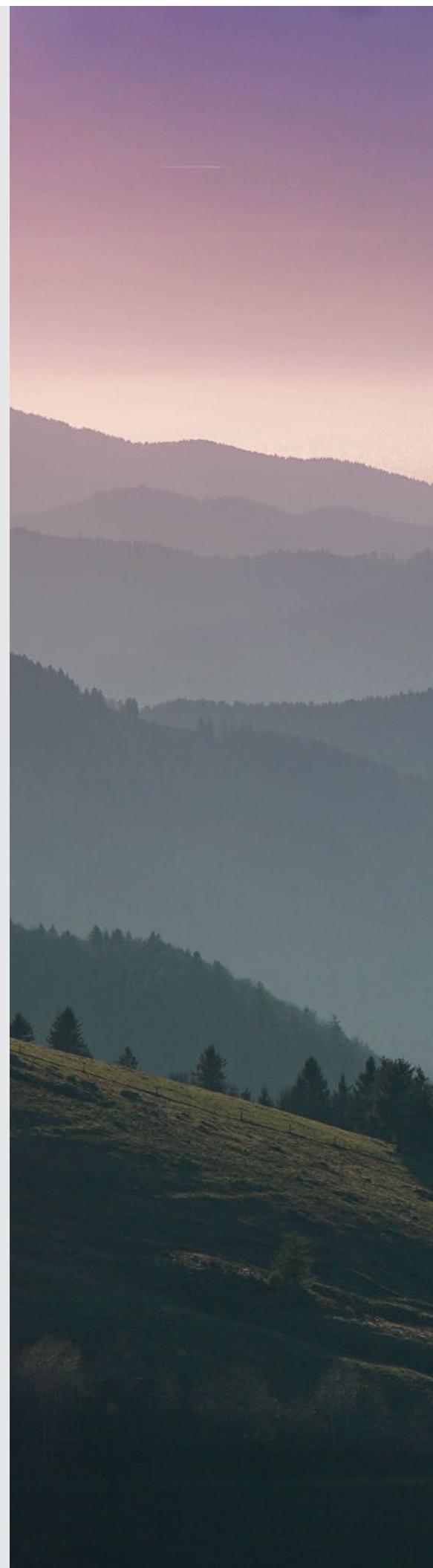


ARMORED WINDOWS

Minerva windows and doors are designed and built to combine in a single product all the functions of the window: light, protection, resistance and design.

minervadoors.com

PROTECT YOUR LIFESTYLE
AND BROADEN YOUR
HORIZONES, ALL IN ONE
ELEMENT.



LIVING THE HORIZON

Light, look, architecture. If a window has always been a meeting point of all these concepts, it is in the conquest of the horizon that we recognize the contemporaneity of the project. The work of Minerva is there, in composing in one element the protection of a lifestyle and a widening of horizons. Cutting-edge construction solutions that allow you to expand at most the glazed surfaces and the performances of the window: thermal, acoustic and anti-burglary.

For an interior that communicates with the exterior in a completely safe way, making every window to become a central and active point of the inhabited space.



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SECURITY LEVEL

VERY HIGH SECURITY



Centurion

The impenetrable window

All-round security for wide width windows and doors.

The structure is specially designed for a glass of significant size and weight and allows the insertion of high-level anti-burglary and bullet-proof glass.

HIGH SECURITY



Titan

The security window

An ideal choice for standard size windows and doors.

An armored solution that combines safety and lightness, which can be selected in a tilt and turn version and with hidden hinges.

MEDIUM SECURITY



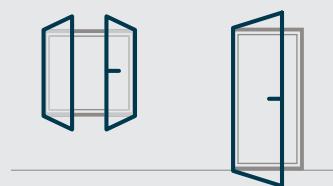
Maximus

The architectural window

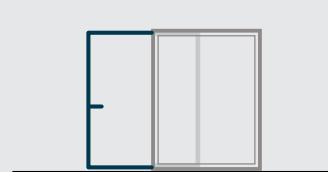
Innovative solutions for extraordinarily large surfaces. Imperceptible profiles and custom-developed structures, ideal for projects that integrate a beautiful landscape view to a living experience.

STRUCTURES

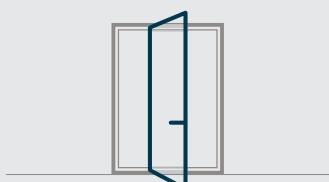
WINDOWS & BALCONY
DOORS



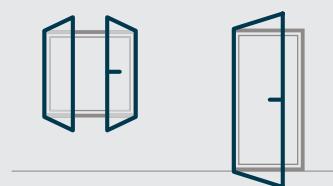
LIFT AND SLIDE
DOORS



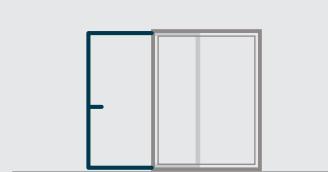
PIVOT DOORS



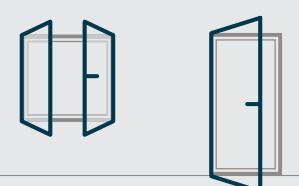
WINDOWS & BALCONY
DOORS



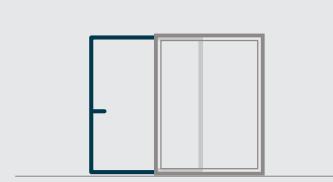
LIFT AND SLIDE
DOORS



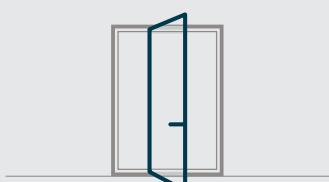
WINDOWS & BALCONY
DOORS



LIFT AND SLIDE
DOORS



PIVOT DOORS



FINISHES

Tactile lightness. The material consistency of the finest metals reproduced in its various shades with sandblasted and brushed effects.

TALL RAL COLOS



SANDED EPOQUE BRASS



SANDED DARK PELTRO



SANDED PELTRO AGED



SANDED MAJESTIC BRASS



SANDED BRONZE AGED



SANDED COPPER AGED





The material of your projects. RAL finishes and all metallic effects can be applied to all **CENTURION**, **TITAN** and **MAXIMUS** profiles.

COVERINGS

Passion for materials. Cover your window with fine materials, choose between the infinite variations of solid wood and the tactile consistency of leather.

R DARK OAK



WILD OAK



DARK GREY OAK



DARK DOUGLAS



WHITE WASH OAK



OLDEN LEATHER

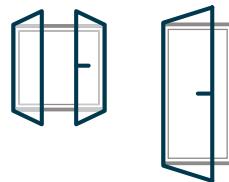


CATULLO LEATHER

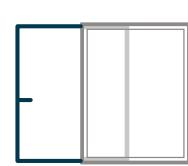


CONFIGURATIONS

WINDOWS & BALCONY
DOORS



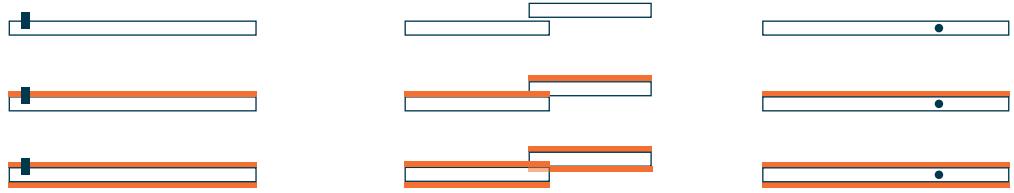
LIFT AND SLIDE
DOORS



PIVOT DOORS



Centurion



Titan



Maximus



 NO COVERING

 INTERIOR COVERING

 COVERING BOTH SIDES



**WINDOW****CENTURION****MODEL**

leaf + 2 fixed

FRAME130 / 150 / 150 / 130
mm**SECURITY**

RC4 burglarproof



BR6 bulletproof



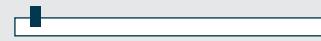
Solar kit



Thermal kit



Hurricane kit

FINISHING

white painted

LIFT AND SLIDE DOOR**MAXIMUS****MODEL**lift and slide
2+1**FRAME**75 / 40 / 40 / 75
mm**SECURITY**

RC2 burglarproof

INSULATION

Solar kit



Silence kit

FINISHING

Black painted









LIFT AND SLIDE DOOR

CENTURION

MODEL

lift and slide
1+1 pocket

FRAME



95 / 95 / 95 mm

SECURITY



RC4 burglarproof

INSULATION



Thermal kit

FINISHING



White painted

In line with your project

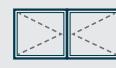


WINDOW

CENTURION



MODEL



curve in plan
with double
leaves

FRAME



130 / 150 / 130 mm

SECURIT



RC4 anti-burglary



BR6 bulletproof

INSULATION



Thermal kit



Silence kit

COVERING



pearl white lacquered
wood



lacquered wood



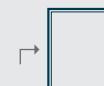
Sliding between
interior and
exterior.



LIFT AND SLIDE DOOR

CENTURION

MODEL



lift and slide

FRAME



95 / 95 / 95 mm

SECURITY



RC4 anti-burglary



BR6 bulletproof

INSULATION



Thermal kit



Silence kit

COVERING



White lacquered wood



**LIFT AND SLIDE DOOR****TITAN****MODEL**

lift and slide 1+1

FRAMEO

95 / 60 / 95 mm

SECURITY

RC3 anti-burglary

INSULATION

Thermal kit



Silence kit

COVERING

White back-painted glass



The best realization is the one
that opens up new possibilities
for the architectural design.







**BALCONY DOOR****TITAN****MODEL**

Tilt and turn

FRAME

73 / 73 mm

SECURITY

RC3 anti-burglary

INSULATION

Solar kit



Thermal kit

COVERING

vintage burnished copper

PIVOT DOOR**MAXIMUS****MODEL**

Pivot + 2 fixed

FRAME40 / 65 / 65 / 40
mm**SECURITY**

RC2 anti-burglary

INSULATION

Solar kit



silence kit

FINISHING

Ivory painted



A pivot solution of lightness
and equilibrium.



**PIVOT DOOR****MAXIMUS****MODEL**

pivot

FRAME65 / 65
mm**SECURITY**

Solar kit

INSULATION

RC2 anti-burglary

FINISHING

Bronze effect

BALCONY DOOR

TITAN

MODEL



Two tilt and turn leaves

FRAME



73 / 90 / 73
mm

SECURIT



RC3 anti-burglary

INSULATION



Thermal kit

COVERING

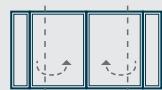


Vintage stainless
steel







**PIVOT DOOR****CENTURION****MODEL**

Two leaves pivot
+2 fixed

FRAME

130 / 150 / 130
mm

SECURITY

Bulletproof BR4



BR4 bulletproof

INSULATION

Solar kit

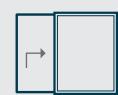


Thermal kit

COVERING

Glossy black



**LIFT AND SLIDE DOOR****MAXIMUS****MODEL**lift and slide
1+1**FRAME**75 / 40 / 75
mm**SECURITY**

RC2 anti-burglary

INSULATION

Solar kit

FINISHING

anthracite

Beyond the standard
There is a form that
you have always been
dreaming of.



**LIFT AND SLIDE DOOR****CENTURION****MODEL***Lift and slide***FRAME**95 / 95 / 95
mm**SECURITY***Bulletproof BR6**BR6 bulletproof***INSULATION**

Solar kit



Silence kit

COVERING*White lacquered wood*

PIVOT DOOR**CENTURION****MODEL**Two pivot
+1 fixed**FRAME**95 / 95 / 95
mm**SECURITY***Bulletproof BR4**BR4 bulletproof***INSULATION**

Thermal kit

COVERING

cor-ten







**BALCONY DOOR****MAXIMUS****MODEL**

Tilt and turn
leaf

FRAME

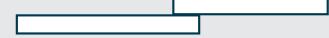
75 / 40 / 75
mm

SECURITY

RC2 anti-burglary

INSULATION

Solar kit

FINISHING

Anthracite



**LIFT AND SLIDE DOOR****TITAN****MODEL**

alzante scorrevole
lift and slide
1+1

FRAME

95 / 60 / 95
mm

SECURITY

RC3 anti-burglary



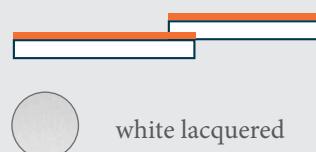
Solar kit



Thermal kit



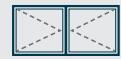
Fire kit

COVERING

white lacquered



A value of the historical contexts is enhanced by the cutting-edge performance.

**WINDOW****CENTURION****MODEL**

Double leaves

FRAME130 / 150 / 130
mm**SECURITY**

RC5 anti-burglary



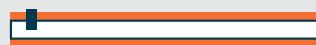
BR6 bulletproof

INSULATION

solar kit



Silence kit

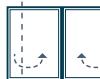
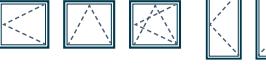
COVERING

Hight oak

TYPES AND FEATURES

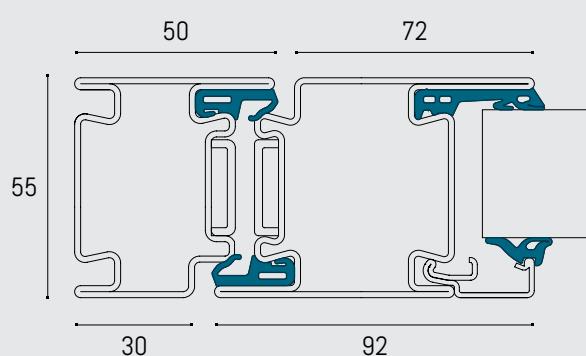
SIZES, SECURITY AND DESIGN		LATERAL FRAME MIN	CENTRAL FRAME MIN	MAX DIMENSIONS	DEPTH
CENTURION		130 mm	150 mm	100 x 300 cm 180 x 300 cm	75 mm
		95 mm	95 mm	700 x 300 cm	190 mm
		125 mm	140 mm	200 x 300 cm	75 mm
TITAN		73 mm	95 mm	90 x 240 cm 150 x 240 cm	65 mm
		95 mm	60 mm	500 x 300 cm	187 mm
MXIIMUS		49 mm	64 mm		75 mm
		75 mm	40 mm	ON DEMAND	132 mm
		49 mm	64 mm		75 mm

TYPES AND FEATURES

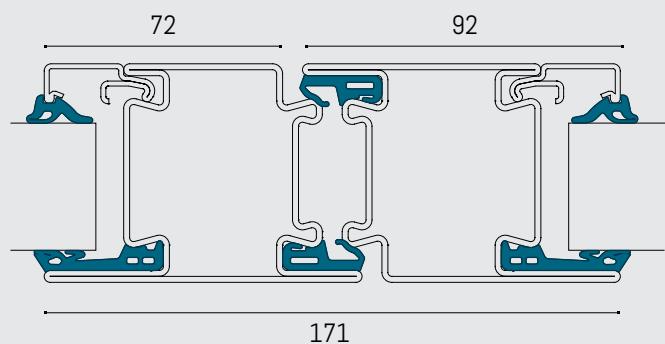
MAX THICKNESS OF GLASS	RESISTANCE CLASS	OPENING TYPE
<u>TT</u> Thermal-break		 leaf
67 mm	VERY HIGH	 lift and slide  translating
STD covered		 Pivot 0 - 90°  Pivot 0 ± 90°
46 mm		
<u>TT</u> Thermal-break	HIGH	 leaf  Tilt and turn leaf
57 mm		 Lift and slide
<u>TT</u> Thermal-break	MEDIUM	 Leaf  Leaf
67 mm		 Lift and slide
		 Pivot 0 ± 90°

CENTURION STD

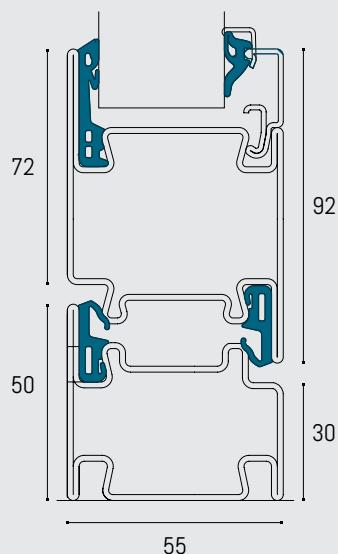
LATERAL INTERSECTION



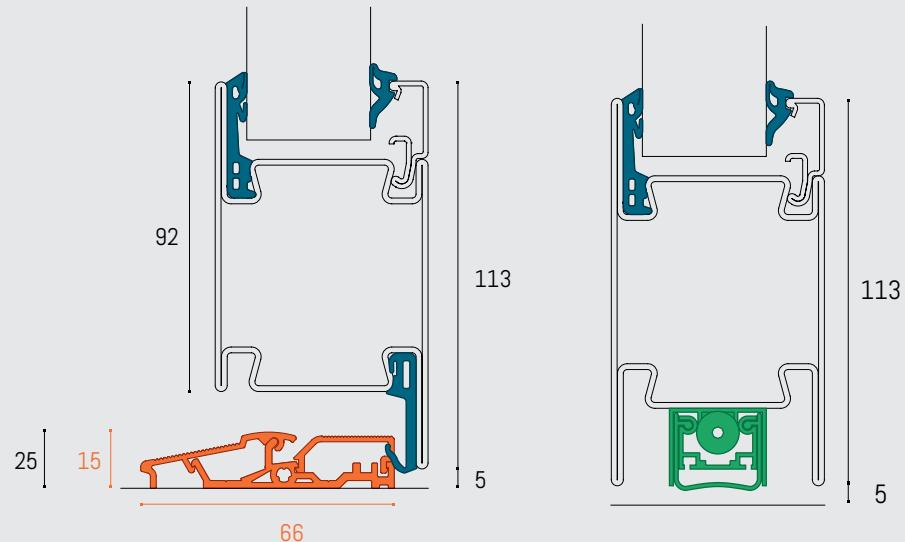
CENTRAL INTERSECTION



WINDOW LOWER INTERSECTION



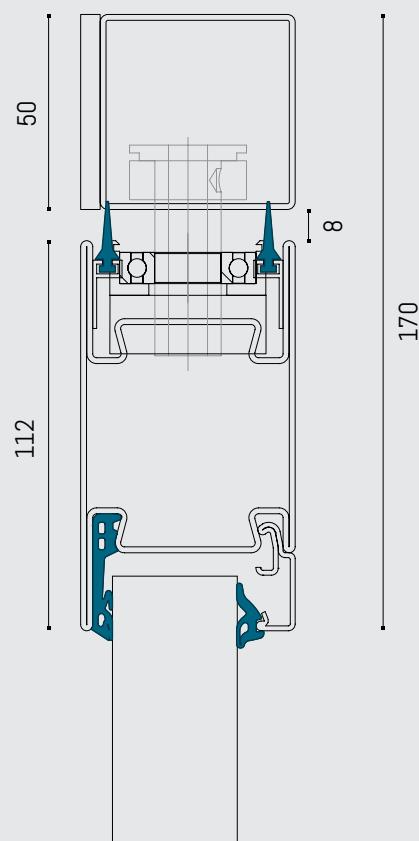
BALCONY DOOR LOWER INTERSECTION



Threshold & draft excluder available

CENTURION STD

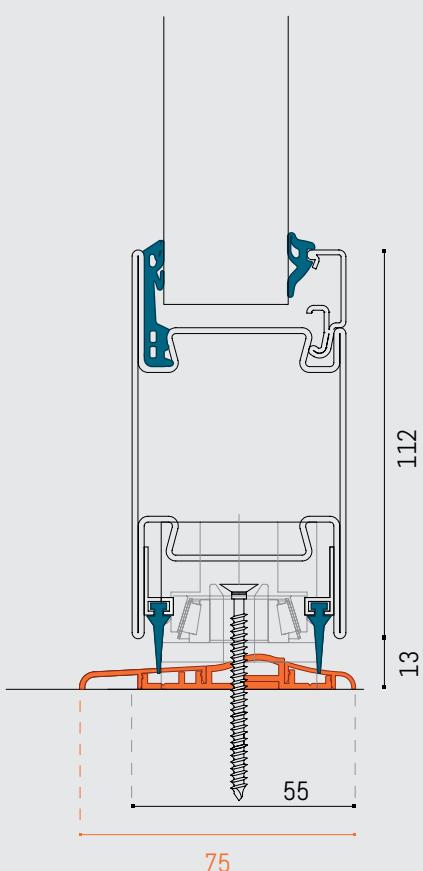
PIVOT DOOR UPPER INTERSECTION



PIVOT DOOR LOWER INTERSECTION



Only threshold available



LEGEND



Profile



Threshold



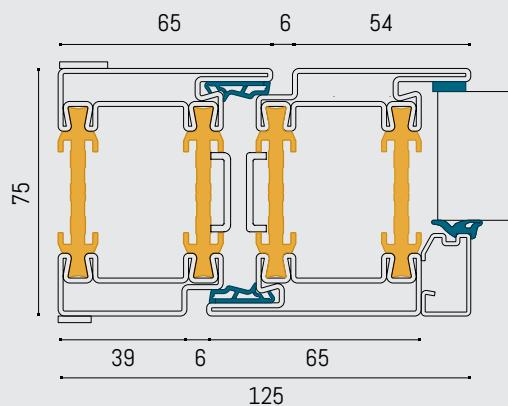
Draft excluder



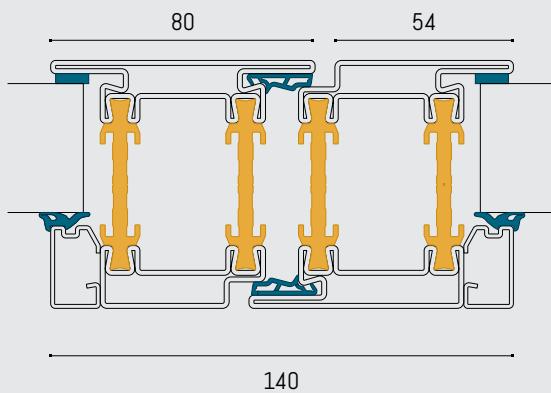
Gasket

CENTURION TT WINDOWS / BALCONY DOORS / PIVOT DOORS

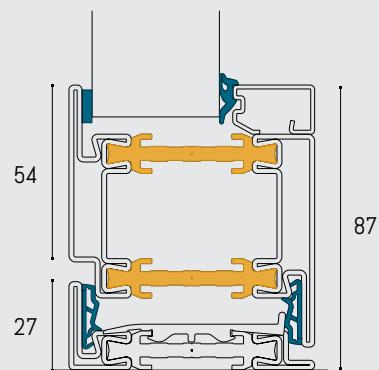
LATERAL INTERSECTION



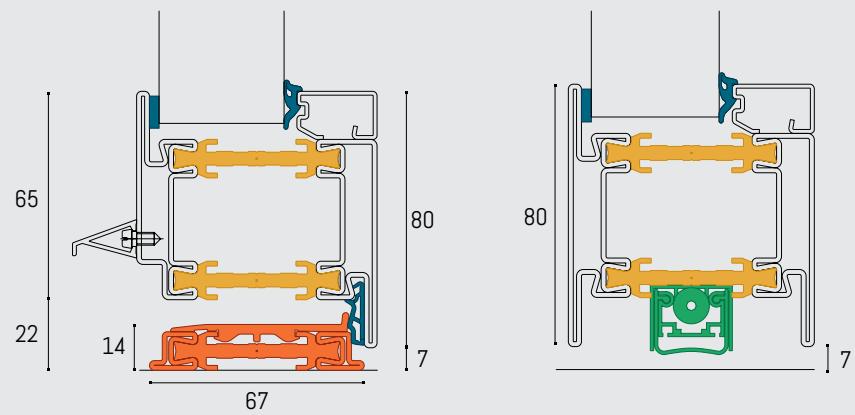
CENTRAL INTERSECTION



WINDOW LOWER INTERSECTION



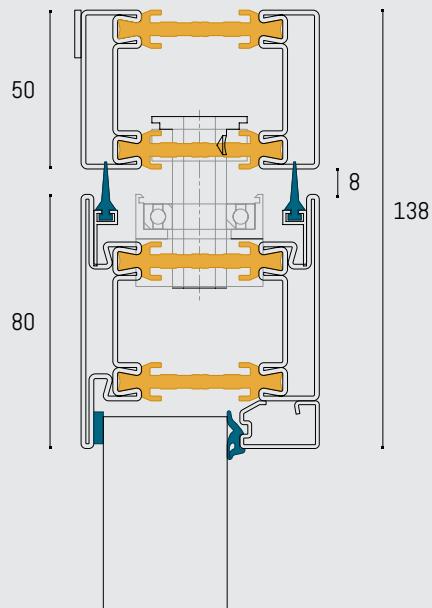
BALCONY DOOR LOWER INTERSECTION Threshold and draft excluder available



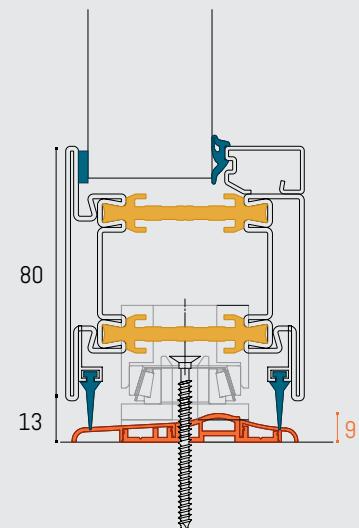
WINDOWS / BALCONY DOORS / PIVOT DOORS

CENTURION TT

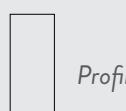
PIVOT DOOR UPPER INTERSECTION



PIVOT DOOR LOWER INTERSECTION Only threshold available



LEGEND



Profile



Threshold



Draft excluder



Gasket

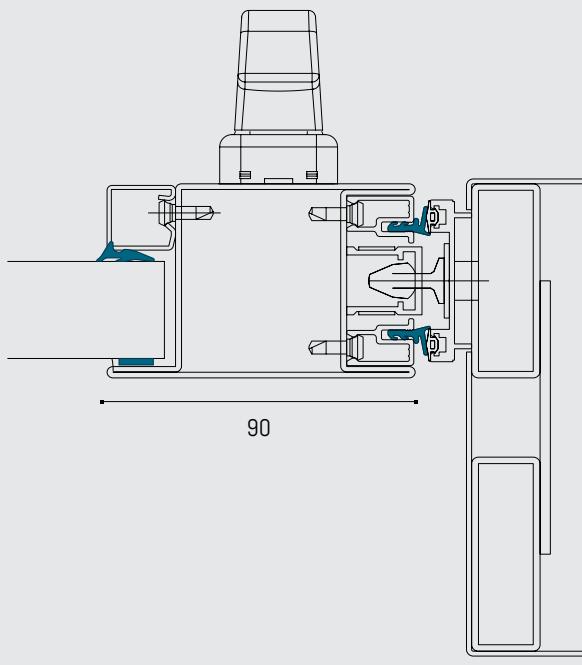


Thermal-break

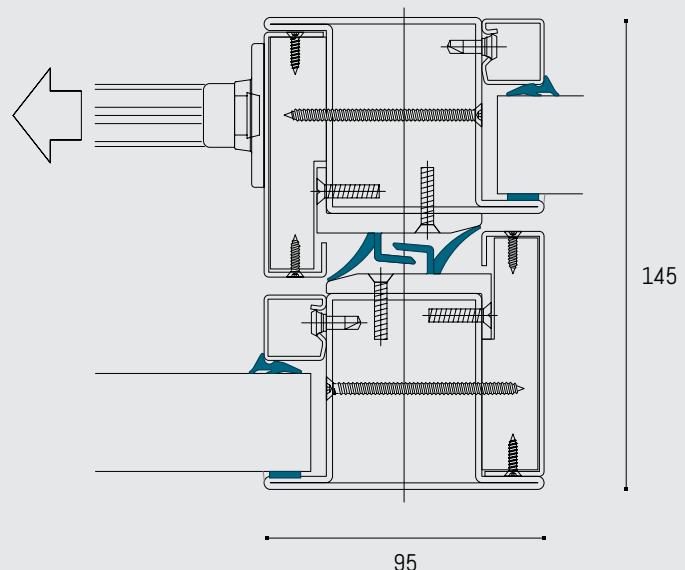
CENTURION STD

LIFT AND SLIDE DOORS

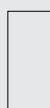
LATERAL INTERSECTION



CENTRAL INTERSECTION



LEGEND



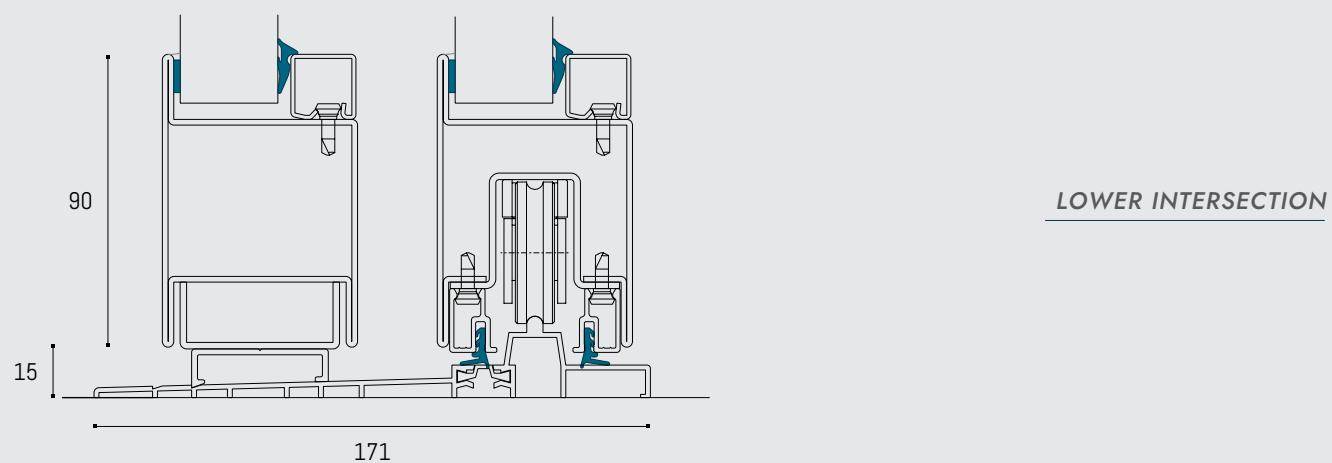
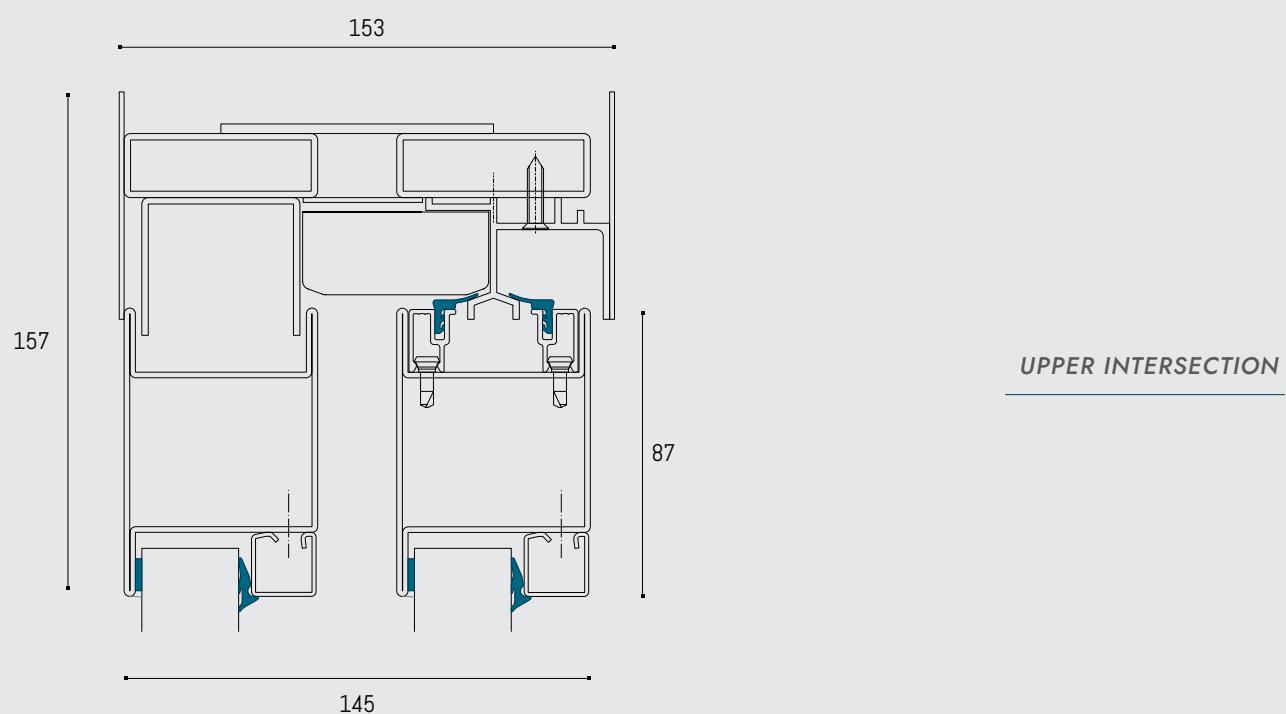
Profile



Gasket

LIFT AND SLIDE DOORS

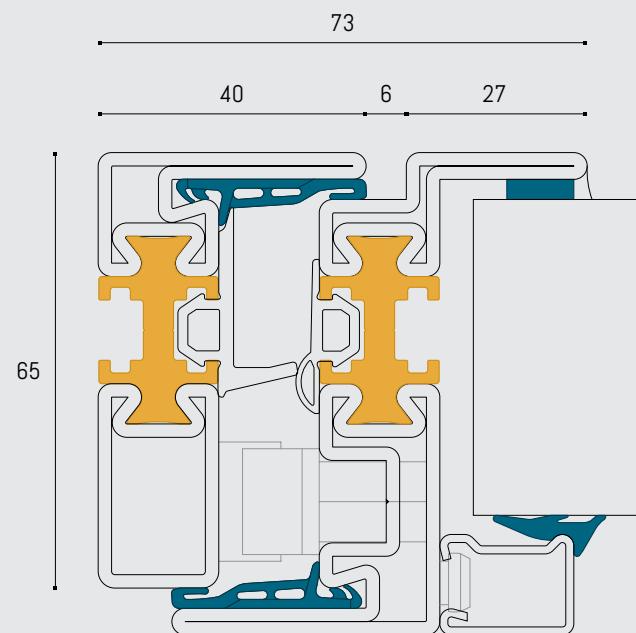
CENTURION STD



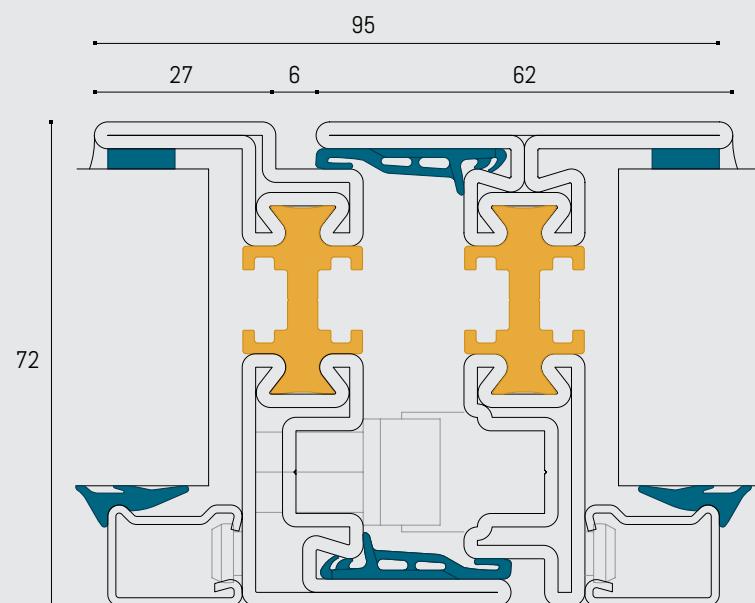
TITAN TT

WINDOWS / BALCONY DOORS

LATERAL INTERSECTION

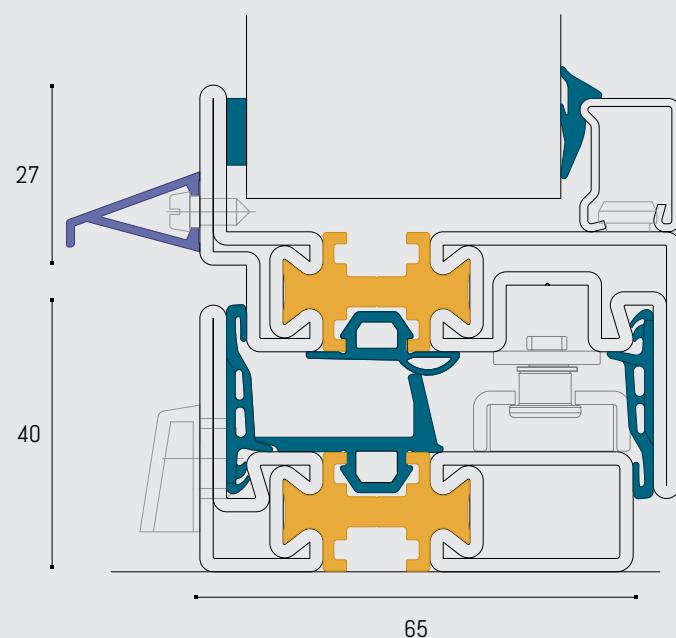


BALCONY DOOR CENTRAL INTERSECTION



WINDOWS / BALCONY DOORS

TITAN TT



WINDOW LOWER INTERSECTION

LEGEND



Profile



Gasket



Drip

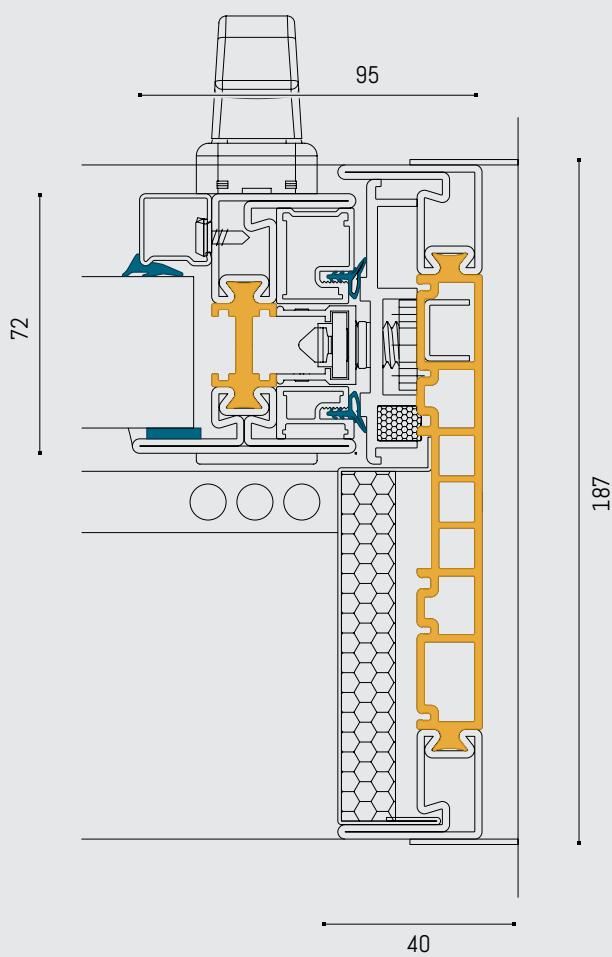


Thermal-break

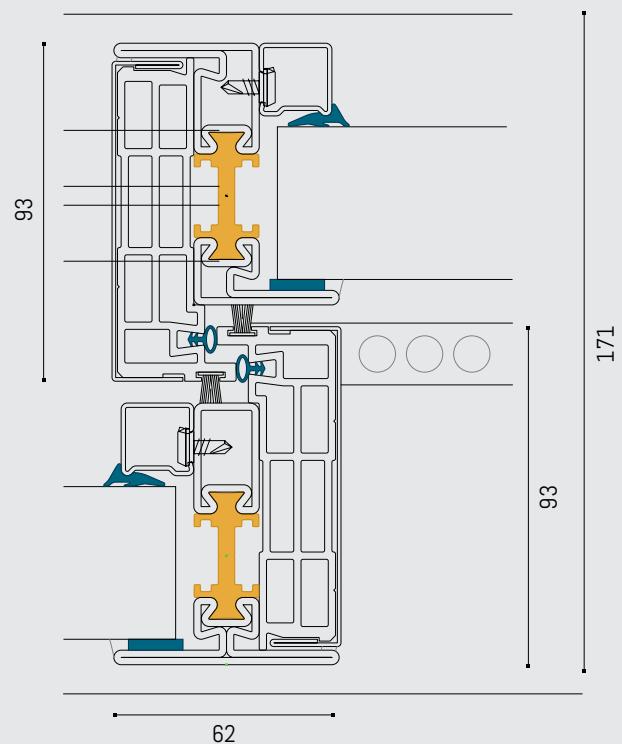
TITAN TT

LIFT AND SLIDE DOORS

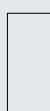
LATERAL INTERSECTION



CENTRAL INTERSECTION



LEGEND



Profile



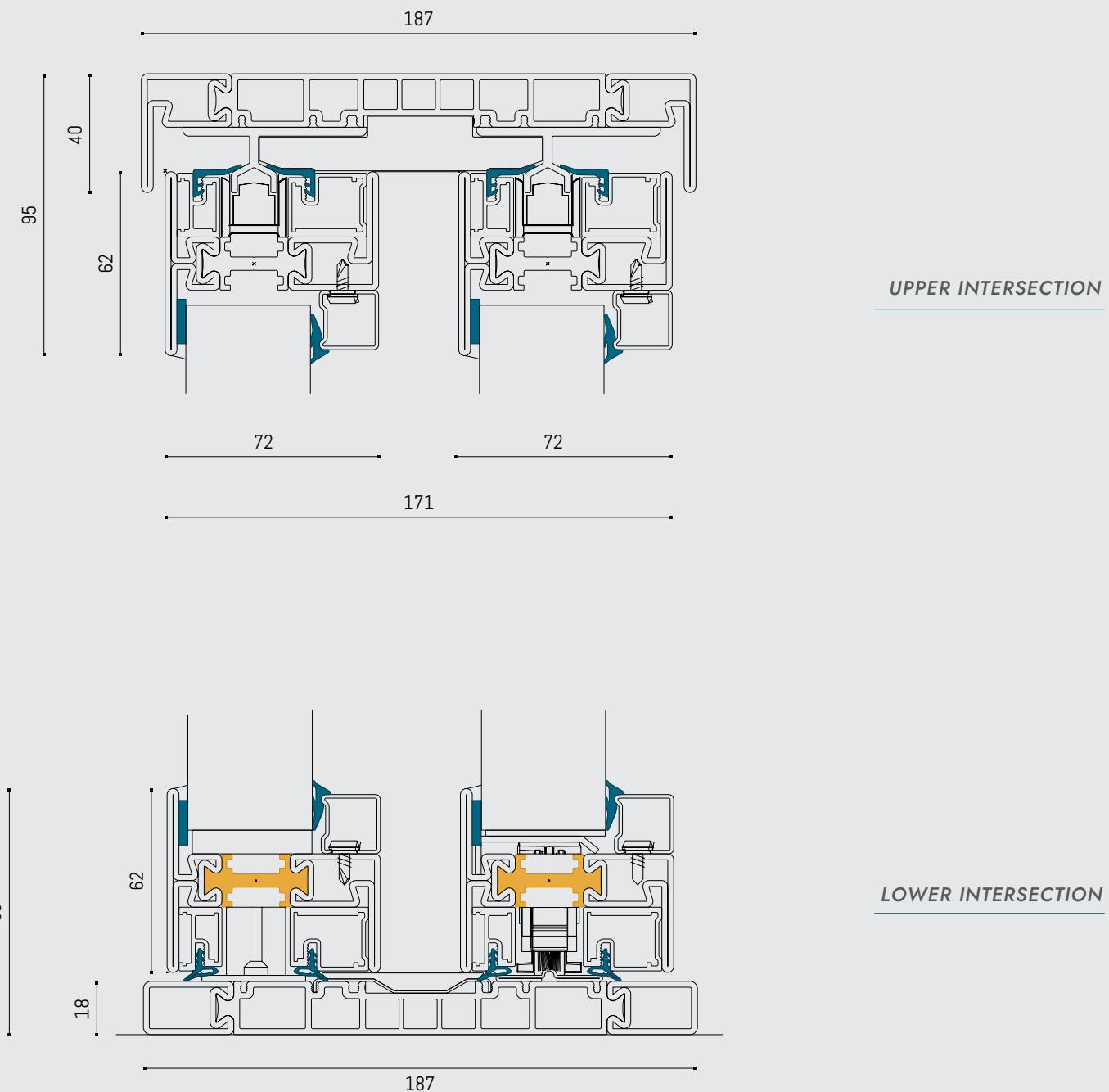
Gasket



Thermal-break

LIFT AND SLIDE DOORS

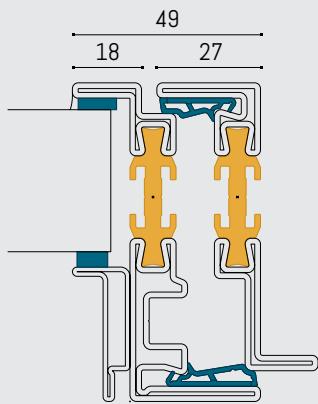
TITAN TT



MAXIMUS TT

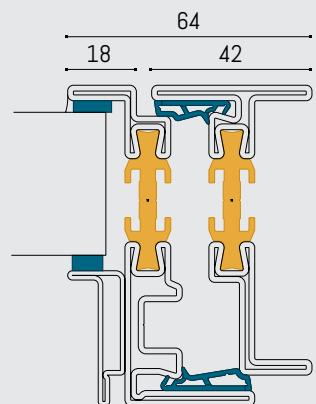
"Z" FRAME LATERAL INTERSECTION

Solution flushed with the wall

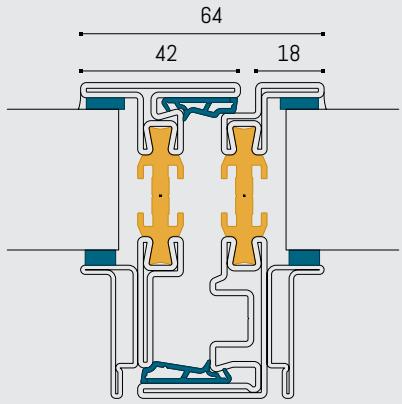


"H" FRAME LATERAL INTERSECTION

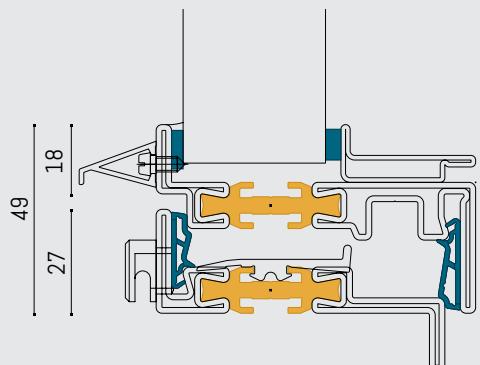
Solution within the wall's thickness



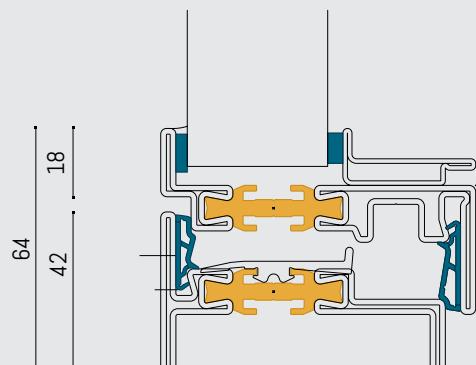
CENTRAL INTERSECTION



"Z" FRAME LOWER INTERSECTION



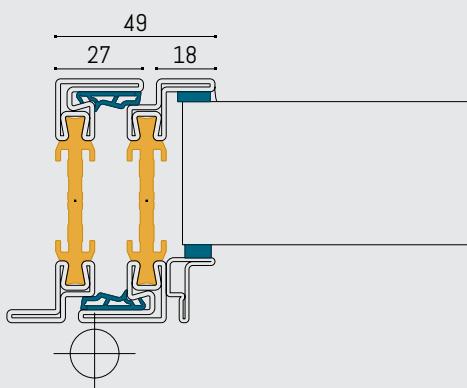
"H" FRAME LOWER INTERSECTION



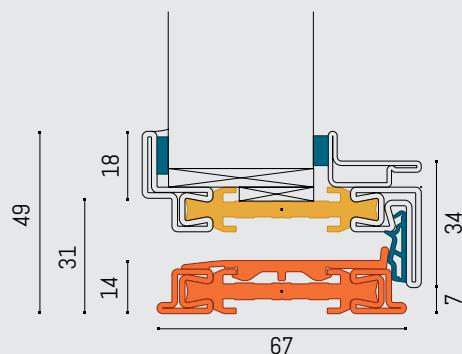
MAXIMUS TT

"Z" FRAME LATERAL INTERSECTION

Solution flushed with the wall

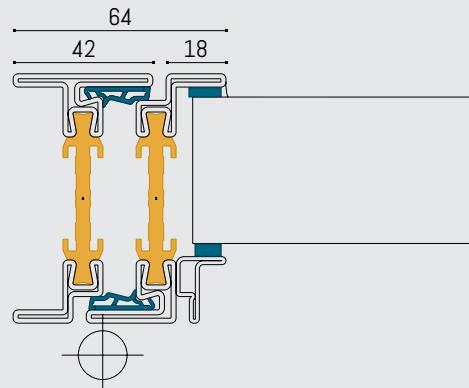


LOWER INTERSECTION Threshold available

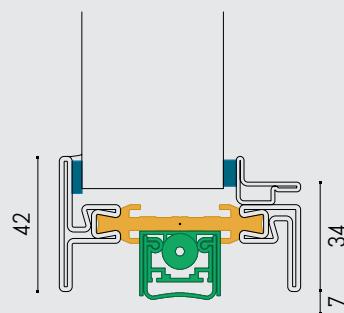


"H" FRAME LATERAL INTERSECTION

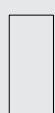
Solution within the wall's thickness



Draft excluder available



LEGEND



Profile



Threshold



Draft excluder



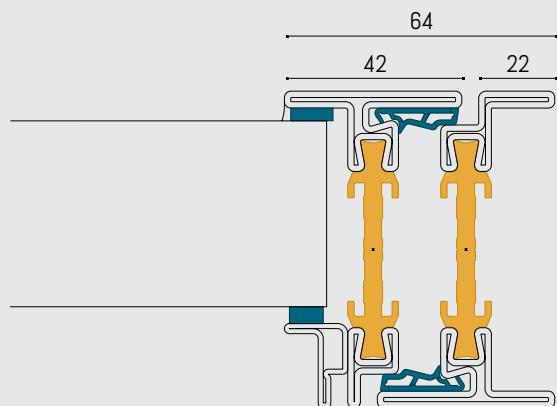
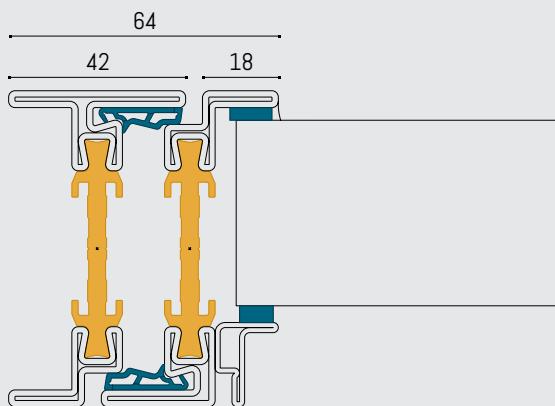
Gasket



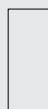
Thermal-break

MAXIMUS TT

LATERAL INTERSECTION



LEGEND



Profile



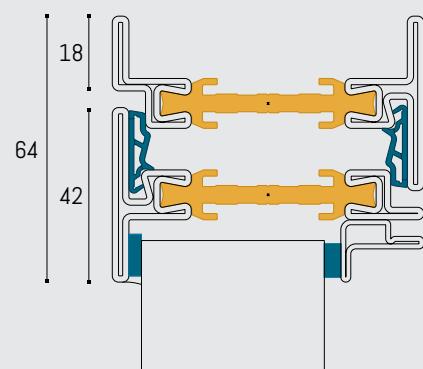
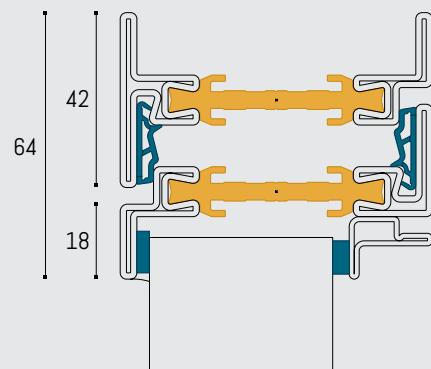
Thermal-break



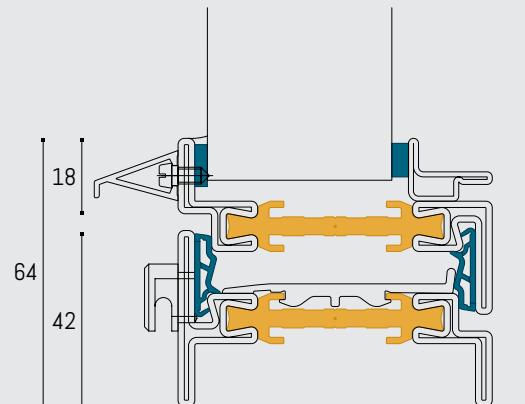
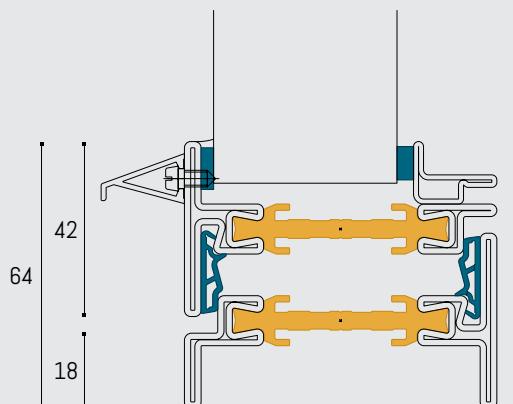
Gasket

MAXIMUS TT

UPPER INTERSECTION

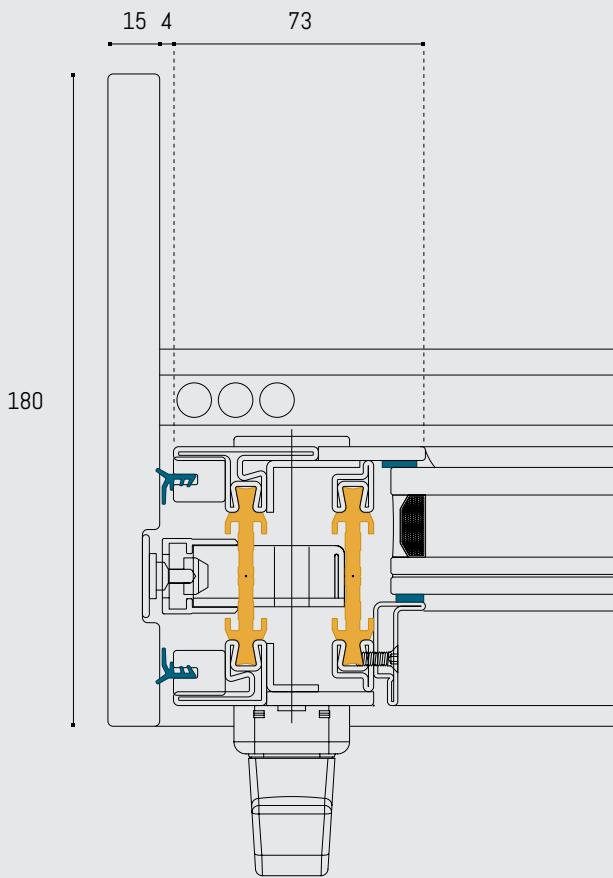


LOWER INTERSECTION

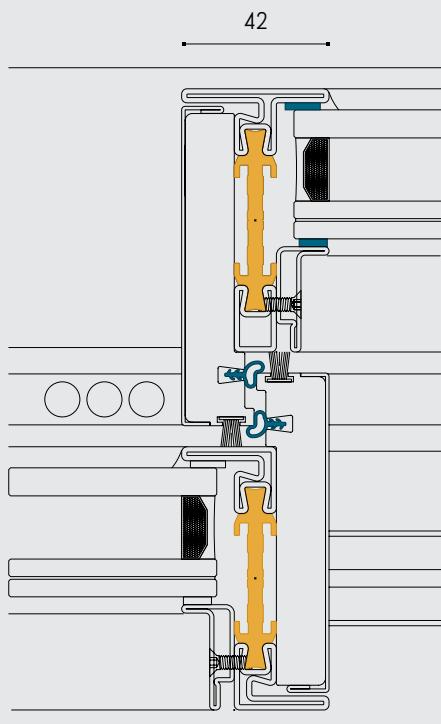


MAXIMUS TT

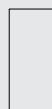
LATERAL INTERSECTION



CENTRAL INTERSECTION



LEGEND



Profile

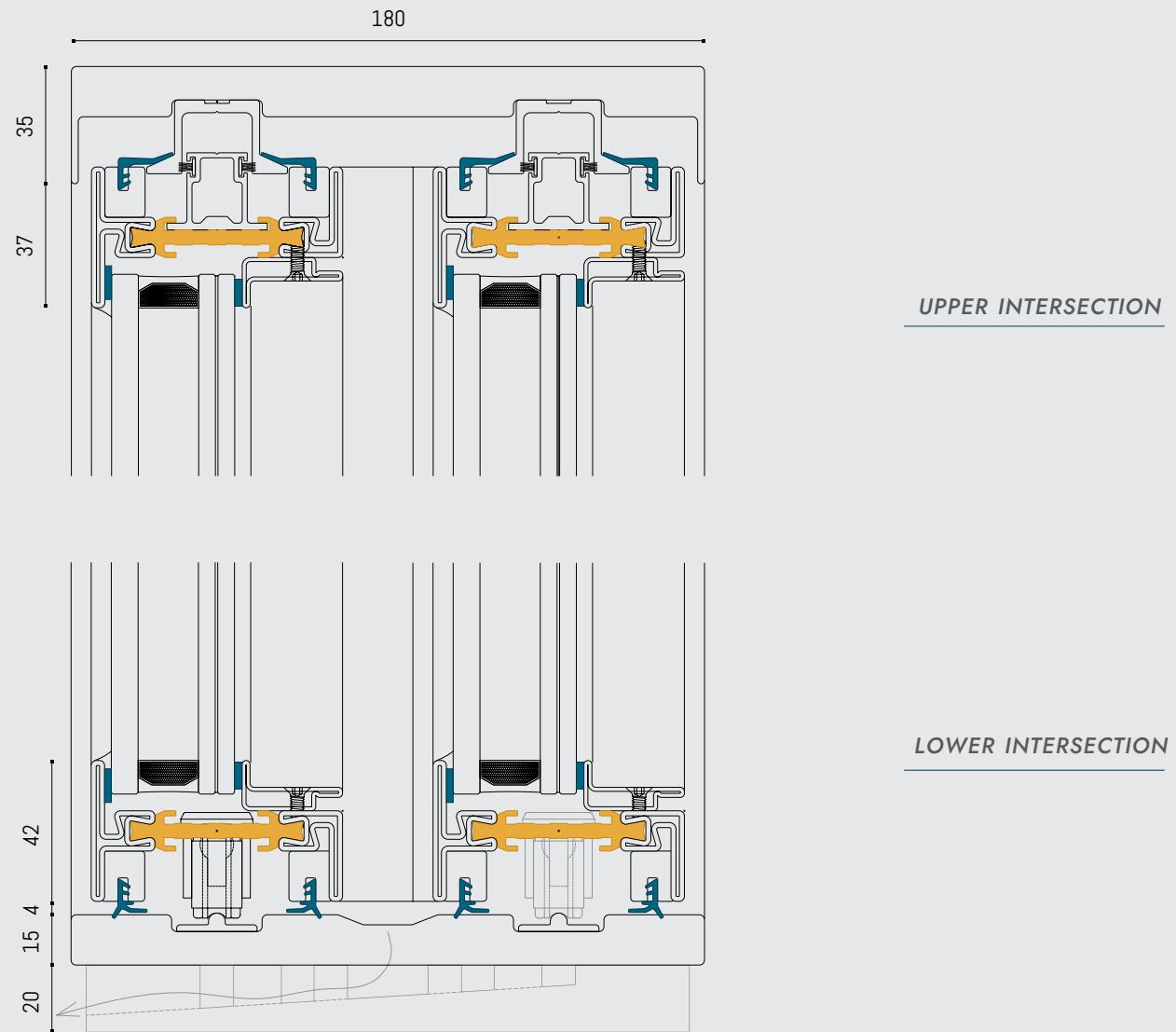


Gasket



Thermal-break

MAXIMUS TT



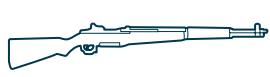
CUSTOMIZE YOUR WINDOW

	SOLAR KIT Glass with a variable degree of transparency. High reflective films. Internal and external recessed sun screens are upon request.
	THERMAL KIT High durable and energy-efficient solutions for hard weather condition.
	THERMAL KIT High insulating value. Ideal for alpine or cold continental climates.
	FIRE KIT Allows to protect living spaces up to the EI60 level.
	SILENCE KIT For the highest noise reduction and total comfort.
	HURRICANE KIT Has brilliantly passed the most extreme tests of Florida State.
	ANTI-BURGLARY KIT A version with special composite glass that can resist more than 500 club blows.
	BR4 KIT Guarantees complete protection against all guns and firearms in general.
	BR6 KIT Guarantees the top-class ballistic resistance against assault weapons and the most powerful sniper rifles.

APPLICATION OF KITS AND OPTIONS

	CENTURION	TITAN	MAXIMUS
	✓	✓	✓
	✓	✓	—
	✓	✓	—
	✓	—	—
	✓	✓	✓
	✓	—	—
	✓	✓	—
	✓	✓	—
	✓	—	—

BULLETPROOF PROTECTION

BERETTA
PARABELLUM
LUGERS&W 357
MAGNUMCOLT 44
MAGNUMM1
GARAND

UL752



LEVEL

1

2

3

4

EN1063



LEVEL (METAL)

FB2

FB3

FB4

—

LEVEL (GLASS)

BR1

BR2

BR4

—

SHOT NUMBER

3

3

3

—

METAL THICKNESS

2 mm
(RMR 500)2,5 mm
(RMR 500)3 mm
(RMR 500)

—

3 mm

TYPE OF GLASS

F10

F20

F50

—

CALIBER

9 mm

.357

.44

.30

SPEED

400 m/s

430 m/s

440 m/s

810 m/s

DISTANCE

5 mt

5 mt

5 mt

—



AK-47



M16/AR15



FAL (M80)



AK-74

5

1

7

5

7

5

8

5

8

5

FB4 +

FB5

FB6

FB7

FB7

BR5

BR5

BR5

BR6

BR6

3

3

3

3

3

4 mm
(RMR 500)6 mm
(RMR 500)6,5 mm
(RMR 500)6,3 mm
(RMR 600)6,3 mm
(RMR 600)

F60

F60

F60

F70

F70

7,62 x 39

5,56 x 45

7,62 x 51

7,62 x 51 AP

7,62 x 39 AP

710 m/s

950 m/s

830 m/s

820 m/s

715 m/s

10 mt

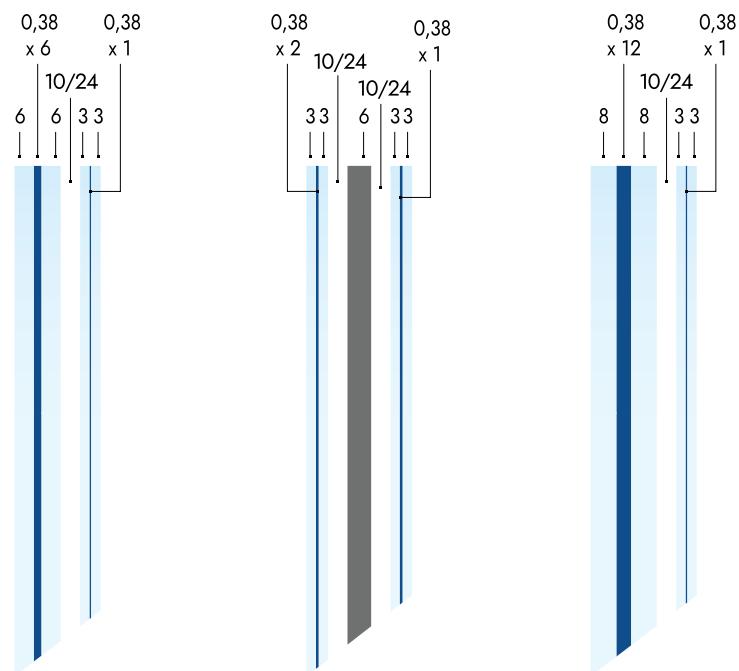
10 mt

10 mt

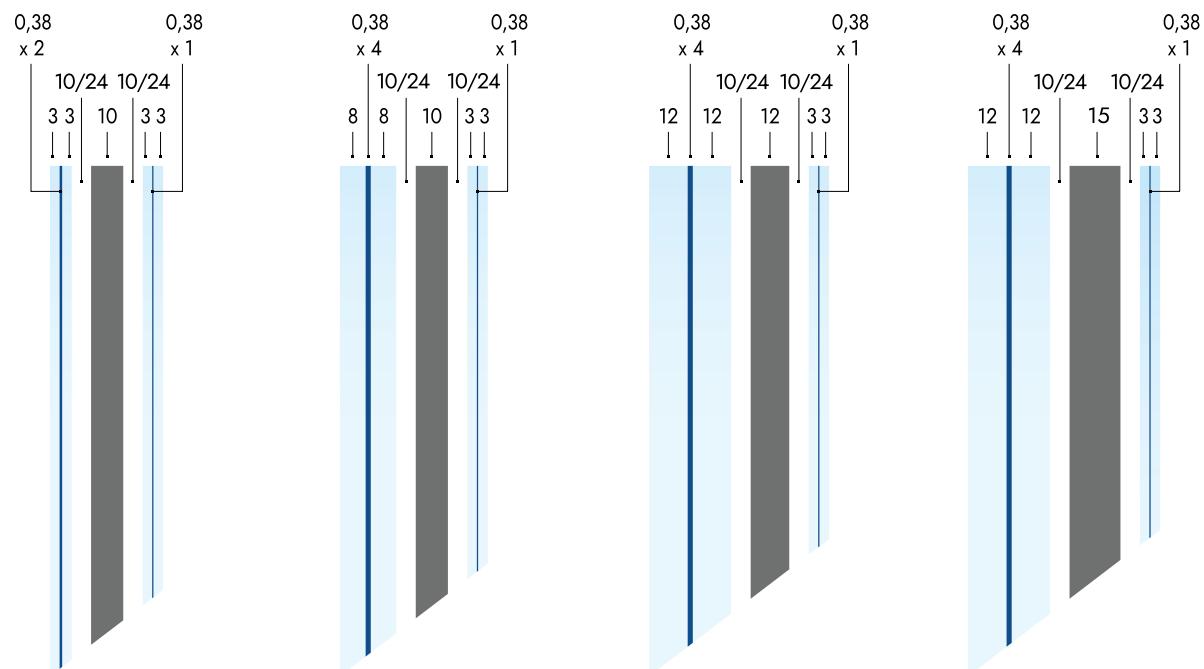
10 mt

10 mt

GLASS FEATURES



Reference	F5	F5+	F10
Weight	50 kg/m ²	38 kg/m ²	65 kg/m ²
Resistance class EN1063 (bulletproof)	—	—	BR1 NS
Resistance class EN356 (burglarproof)	P5A	P5A	P6B
Minimum / maximum thickness	30 / 45	39 / 67	37 / 51



F20

F50

F60

F70

42 kg/m²69 kg/m²90 kg/m²105 kg/m²

BR2 NS

BR4 NS

BR5 NS

BR6 NS

P8B

P8B

P8B

P8B

43 / 71

54 / 82

64 / 92

67 / 95

ACCESORIES

QUADRO

Height (mm)

460
660
960
1160
1500
2000
2500



Satin stainless steel



Polished stainless steel



Matte black



TONDO

Height (mm)

460
660
960
1160
1360
1500
2000
2500



Satin stainless steel



Polished stainless steel



Matte black



STANDARD

Polished chrome



Satin chrome



Polished gold



Satin brass



Black



HANDLES FOR LIFT AND SLIDE



PULLBAR



HANDLES



WALL



STREET

CONTEMPORARY LINE



Polished chrome



Satin chrome



Polished gold



Satin brass



Ancient bronze



Matte bronze



Black



HANDLES FOR LIFT AND SLIDE



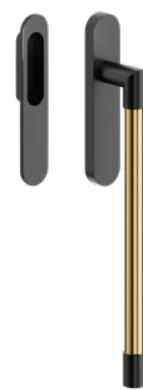
PULLBARS



HANDLES



MOSCOW



MATT



CONTEMPORARY LINE



Polished chrome



Satin chrome



Polished gold



Satin brass



Ancient bronze



Matte bronze



Black



HANDLES FOR LIFT AND SLIDE



PULLBARS



HANDLES



BRERA



PARIOLI

CONTEMPORARY LINE



Polished chrome



Satin chrome



Polished gold



Satin brass



Ancient bronze



Matte bronze



Black



HANDLES FOR LIFT AND SLIDE



PULLBARS



HANDLES



MAYFAIR



PORTOFINO



BRONZE LINE

White bronze



Grey bronze



Black bronze



Natural bronze



Green bronze



HANDLES FOR LIFT AND SLIDE



PULLBARS



HANDLES



OTTA

ZERMATT

BRONZE LINE

White bronze



Grey bronze



Polished gold



Black bronze



Natural bronze



Green bronze



HANDLES FOR LIFT AND SLIDE



PULLBARS



HANDLES

ASPEN



WANAKA



BRONZE LINE

White bronze



Grey bronze



Black bronze



Natural bronze



Green bronze



HANDLES FOR LIFT AND SLIDE



PULLBARS



HANDLES



TRUCKEE

CORTINA

TECHNOLOGY

AVAILABLE ONLY FOR CENTURION



FEATURES	BIO-LOCK <i>Fingerprint scanner system</i>	TAG-LOCK <i>Alphanumeric keypad</i>
<i>Opening via Bluetooth</i>	✓	✓
<i>Proximity sensor</i>	✓	✓
<i>Smart gateway</i>	✓	✓
<i>Automatic motorized opening-closing</i>	✓	✓
<i>Also available with battery power</i>	✓	✓
<i>Multi-entry management via dedicated app.</i>	✓	✓
<i>Audio-video VOIP intercom / SIP</i>	—	—
<i>Access through a touch screen keypad or RFID-card.</i>	—	—

Installed on the wall



PRO X Y—LOCK
Proximity sensor

EYE—LOCK
Iris scanner system

FACE—LOCK
3D Face recognition system



—



—



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“In addition to the tests made by the certification institutes, Minerva performs further tests by itself, which allows to improve constantly the performance of the products.”

High security armored BR6 glass sample - submitted to the ballistic test in 2016. A bullet cannot penetrate beyond the barrier into a polycarbonate chamber and the glass reacts to the impact without breaking up.



“In 2004 with the introduction of glazed surfaces, Minerva completes its range of solutions for the security of every architectural passage.”

Armored steel sample submitted to the ballistic test in 1999, the year of foundation of Minerva..

REFERENCES

BVLGARI

D&G
DOLCE & GABBANA

CHANEL

Comunità Ebraica VENEZIA



GHETTO VENEZIA

WORLD JEWISH CONGRESS
הקונגרס היהודי העולמי

BANCA D'ITALIA

FEADSHIP
ROYAL DUTCH SHIPYARDS

BURGER

CARABINIERI

POLIZEI
BERLIN

E/ESERCITO

POLIZIA

MIBACT
Ministero
per i beni e le
attività culturali
e per il turismo



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