



SECURITY- WIN- DOWS

LIGHTNESS

SECURITY

TRANSPARENCY

LIGHT PROFILE

WIDE SIZES

BESPOKE

ARCHITECTURE

DESIGN

MADE IN ITALY

SECURITY GLASS

PROTECTION

IMPENETRABLE

BULLETPROOF

ACCESS CONTROL

BIOMETRIC SECURITY

TECHNOLOGY


HI-TECH DEVICES



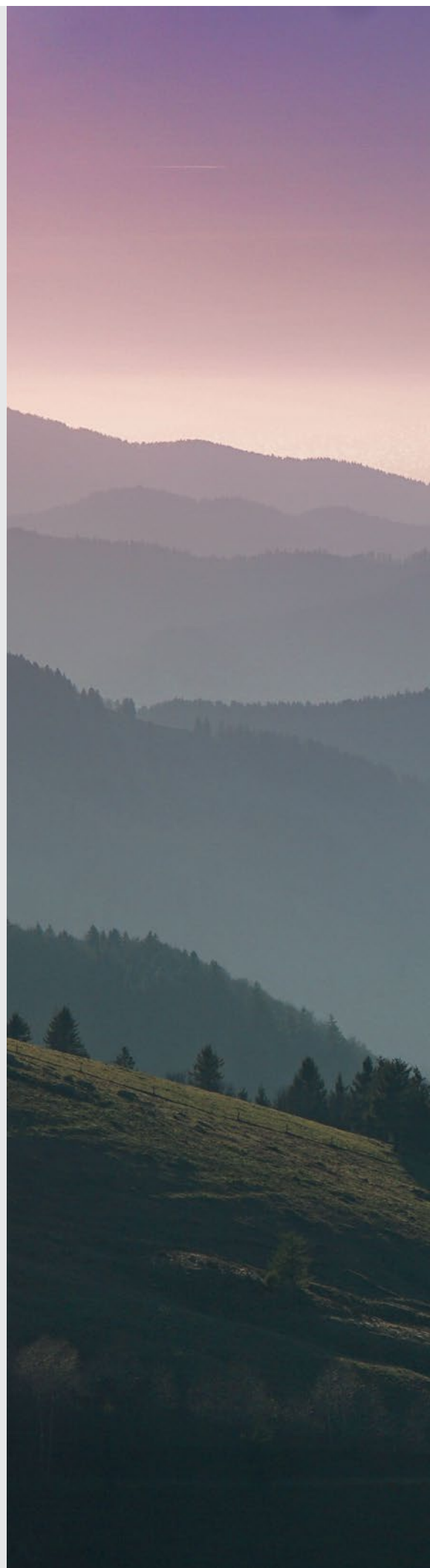
ARMORED WINDOWS

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



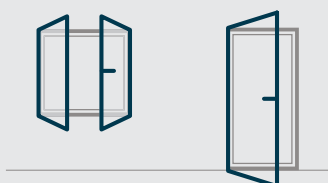
Maximus

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

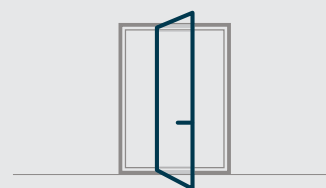
WINDOWS & BALCONY
DOORS



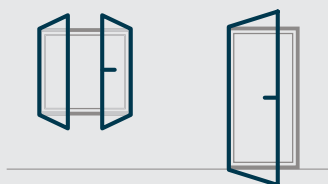
LIFT AND SLIDE
DOORS



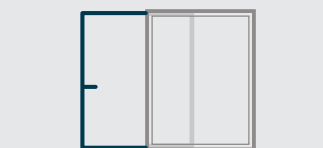
PIVOT DOORS



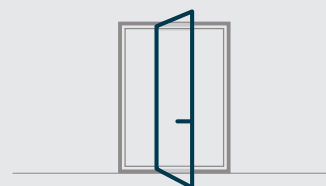
WINDOWS & BALCONY
DOORS



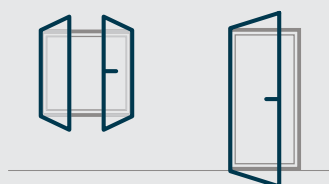
LIFT AND SLIDE
DOORS



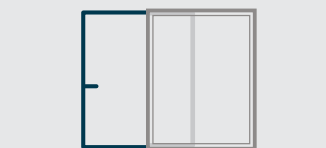
PIVOT DOORS



WINDOWS & BALCONY
DOORS



LIFT AND SLIDE
DOORS



PIVOT DOORS

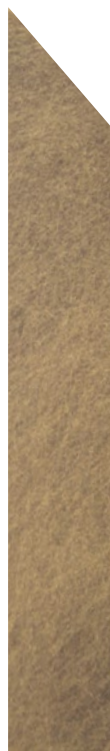
FINISHES

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

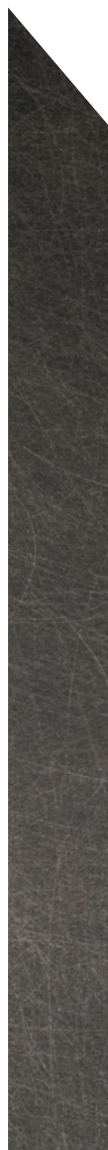
TALL RAL COLROS



SANDED EPOQUE BRASS



SANDED DARK PELTRO



SANDED PELTRO AGED



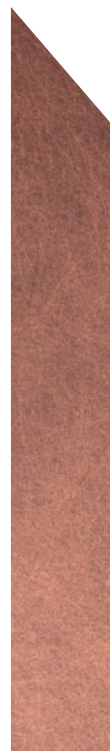
SANDED MAJESTIC BRASS



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



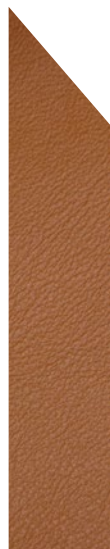
WHITE WASH OAK



OLDEN LEATHER



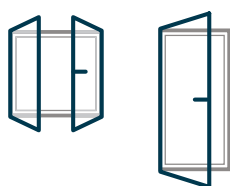
CATULLO LEATHER



CONFIGURATIONS

WINDOWS & BALCONY
DOORSLIFT AND SLIDE
DOORS

PIVOT DOORS



Centurion



Titan



Maximus


NO COVERING
INTERIOR COVERING
COVERING BOTH SIDES





WINDOW

CENTURION

MODEL



leaf + 2 fixed

FRAME

130 / 150 / 150 / 130
mm

SECURITY



RC4 burglarproof



BR6 bulletproof

INSULATION



Solar kit

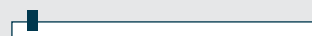


Thermal kit



Hurricane kit

FINISHING

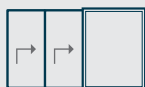


white painted

LIFT AND SLIDE DOOR

MAXIMUS

MODEL

lift and slide
2+1

FRAME

75 / 40 / 40 / 75
mm

SECURITY



RC2 burglarproof

INSULATION

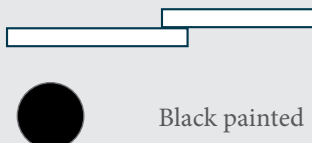


Solar kit



Silence kit

FINISHING



Black painted





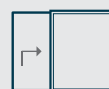




LIFT AND SLIDE DOOR

CENTURION

MODEL

lift and slide
1+1 pocket

FRAME



95 / 95 / 95 mm

SECURITY



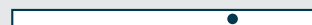
RC4 burglarproof

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

A large glass sliding door is shown in a partially open position, revealing a balcony. The balcony has a metal railing and a tiled floor. In the foreground, there is a white outdoor dining table and chairs. The view from the balcony shows a lake, a town, and mountains in the distance. The sky is clear and blue. The text "Sliding between interior and exterior." is overlaid on the left side of the image.

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

FRAME

40 / 65 / 65 / 40
mm

SECURITY



RC2 anti-burglary

INSULATION

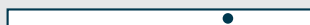


Solar kit



silence kit

FINISHING



Ivory painted

A pivot solution of lightness
and equilibrium.







PIVOT DOOR

MAXIMUS

MODEL



pivot

FRAME



65 / 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



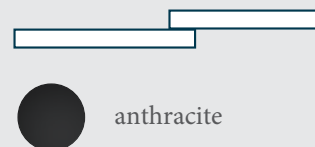
RC2 anti-burglary

INSULATION



Solar kit

FINISHING



anthracite

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

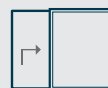




LIFT AND SLIDE DOOR

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



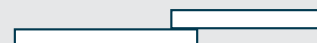
RC2 anti-burglary

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

INSULATION



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

FRAME

130 / 150 / 130
mm

SECURITY



RC5 anti-burglary



BR6 bulletproof

INSULATION

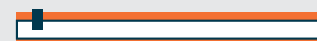


solar kit



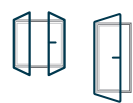
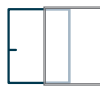
Silence kit

COVERING



























Hight oak

TYPES AND FEATURES

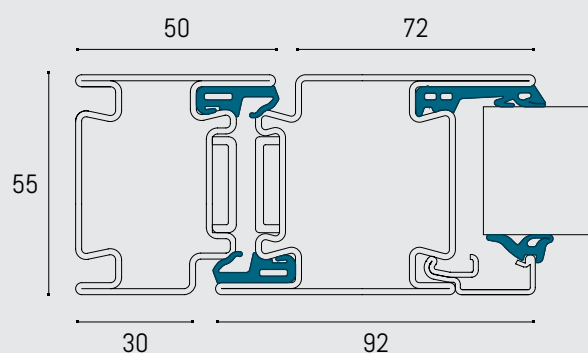
SIZES, SECURITY AND DESIGN		 LATERAL FRAME MIN	 CENTRAL FRAME MIN	 MAX DIMENSIONS	 DEPTH
CENTURION		130 mm	150 mm	100 x 300 cm 180 x 300 cm	75 mm
		95 mm	95 mm	700 x 300 cm	190 mm
		125 mm	140 mm	200 x 300 cm	75 mm
TITAN		73 mm	95 mm	90 x 240 cm 150 x 240 cm	65 mm
		95 mm	60 mm	500 x 300 cm	187 mm
MXIIMUS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

TYPES AND FEATURES

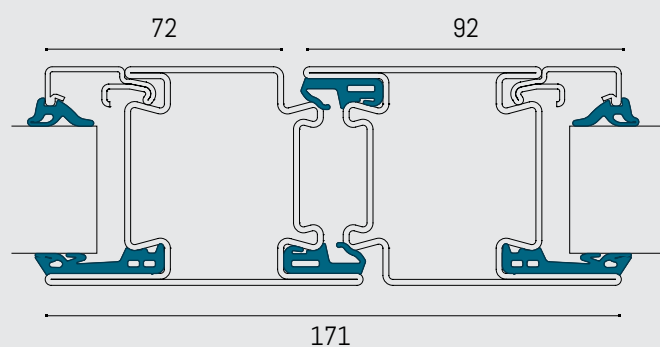
 <p>MAX THICKNESS OF GLASS</p>	 <p>RESISTANCE CLASS</p>	 <p>OPENING TYPE</p>
<p><u>TT</u></p> <p>Thermal-break</p> <p>67 mm</p> <p><u>STD</u></p> <p>covered</p> <p>46 mm</p>	<p>VERY HIGH</p>	<div>     <p>leaf</p> </div> <hr/> <div>  <p>lift and slide</p>  <p>translating</p> </div> <hr/> <div>  <p>Pivot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

CENTURION STD

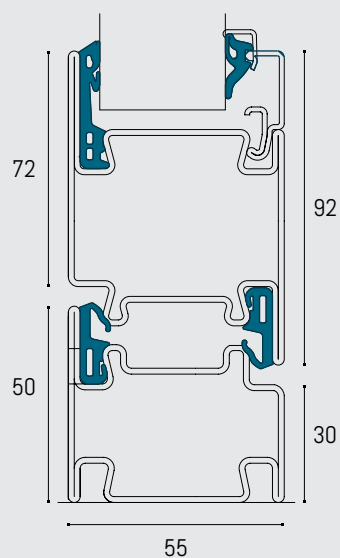
LATERAL INTERSECTION



CENTRAL INTERSECTION

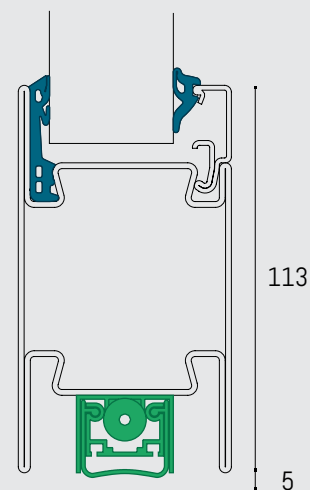
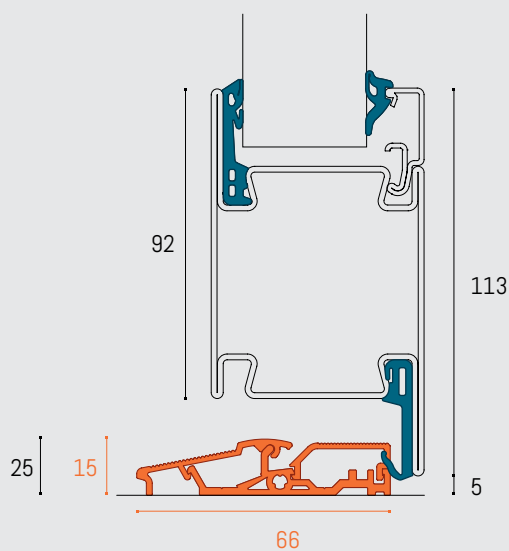


WINDOW LOWER INTERSECTION



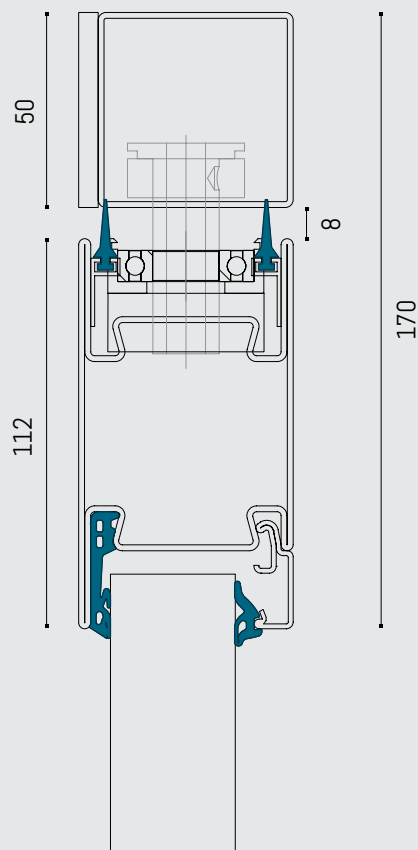
BALCONY DOOR LOWER INTERSECTION

✓ Threshold & draft excluder available

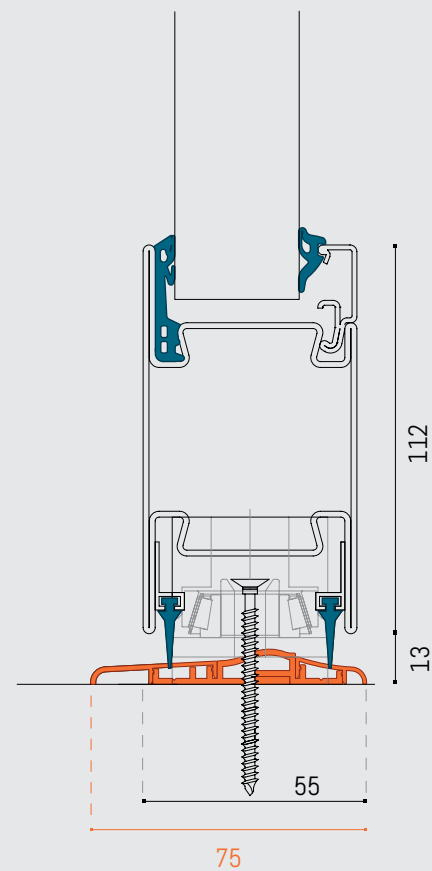


CENTURION STD

PIVOT DOOR UPPER INTERSECTION



PIVOT DOOR LOWER INTERSECTION  Only threshold available



LEGEND



Profile



Threshold



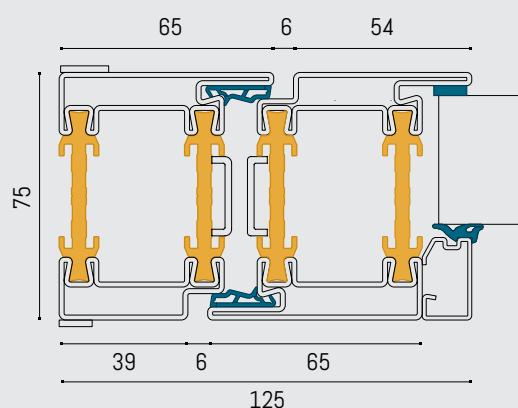
Draft excluder



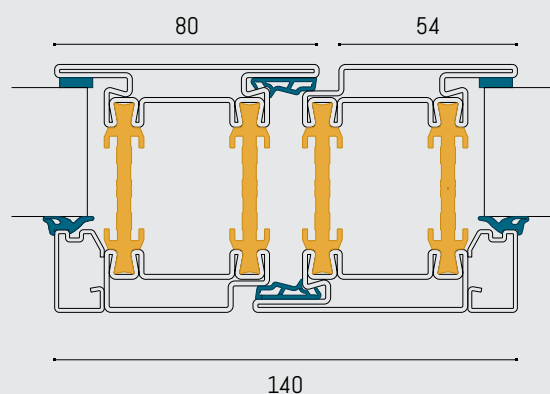
Gasket

CENTURION TT WINDOWS / BALCONY DOORS / PIVOT DOORS

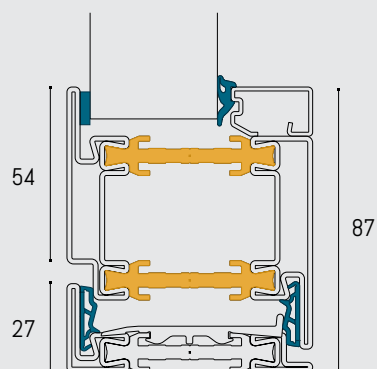
LATERAL INTERSECTION



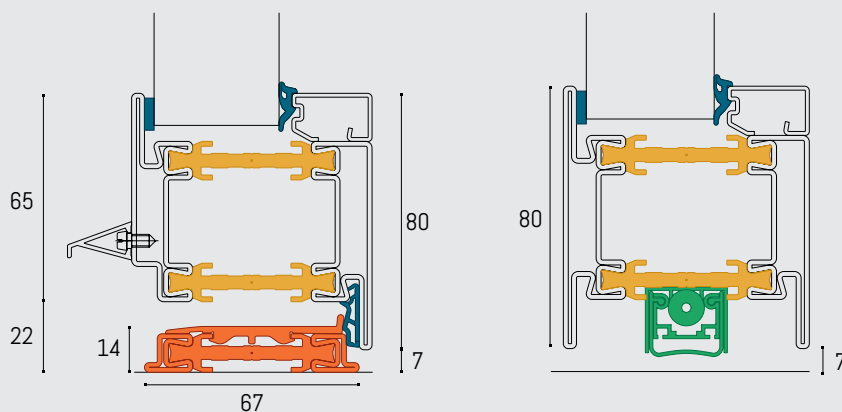
CENTRAL INTERSECTION



WINDOW LOWER INTERSECTION



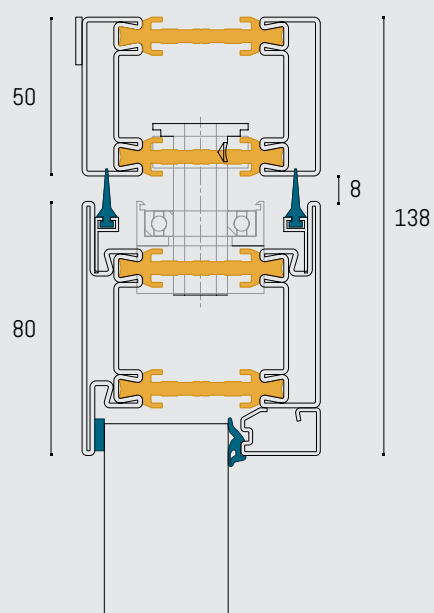
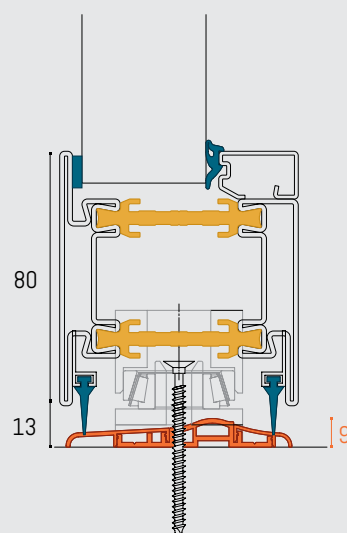
BALCONY DOOR LOWER INTERSECTION Threshold and draft excluder available



WINDOWS / BALCONY DOORS / PIVOT DOORS

CENTURION TT

PIVOT DOOR UPPER INTERSECTION

PIVOT DOOR LOWER INTERSECTION  Only threshold available

LEGEND



Profile



Threshold



Draft excluder



Gasket

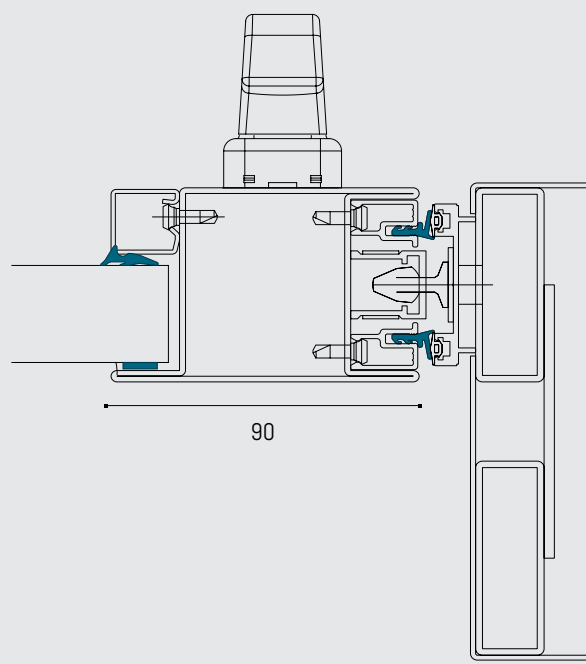


Thermal-break

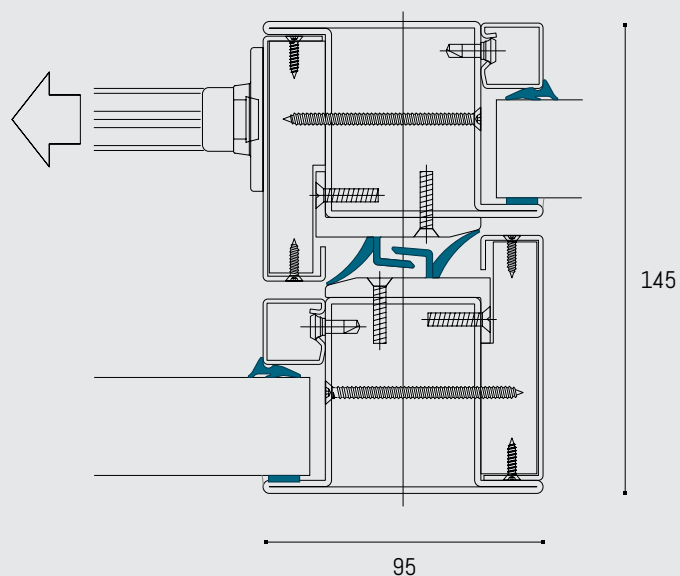
CENTURION STD

LIFT AND SLIDE DOORS

LATERAL INTERSECTION



CENTRAL INTERSECTION



LEGEND



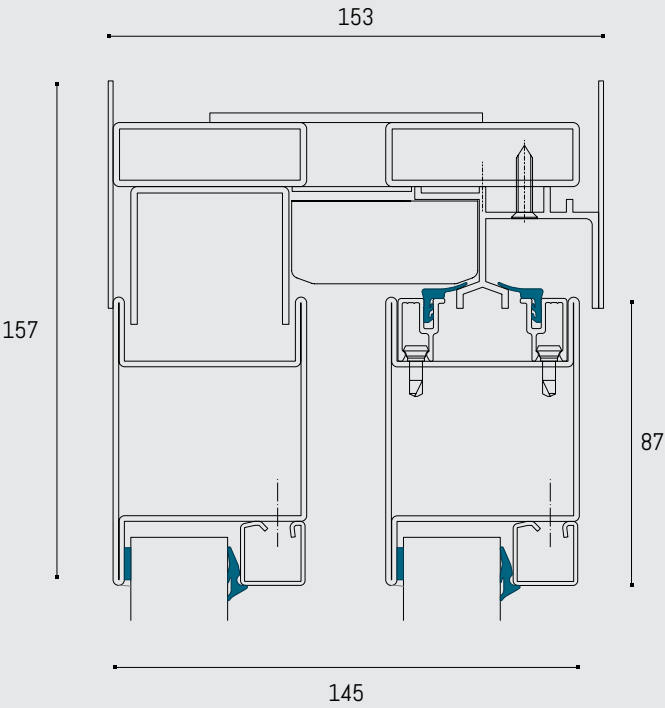
Profile



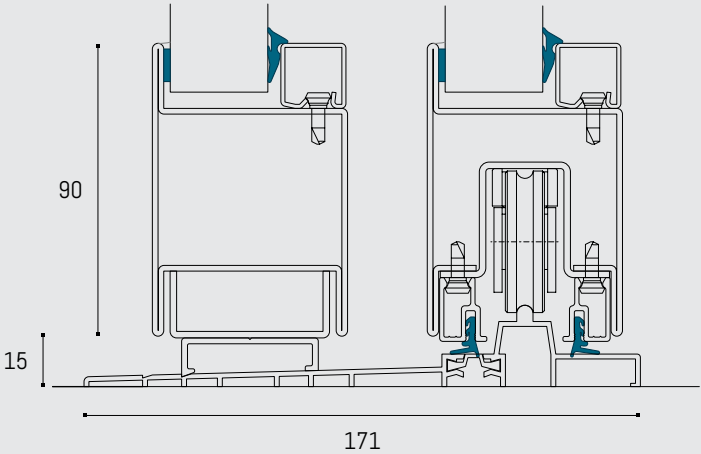
Gasket

LIFT AND SLIDE DOORS

CENTURION STD



UPPER INTERSECTION

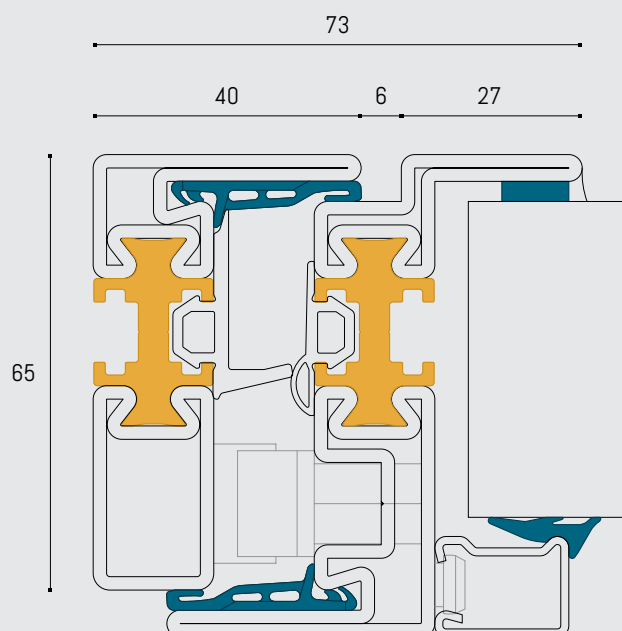


LOWER INTERSECTION

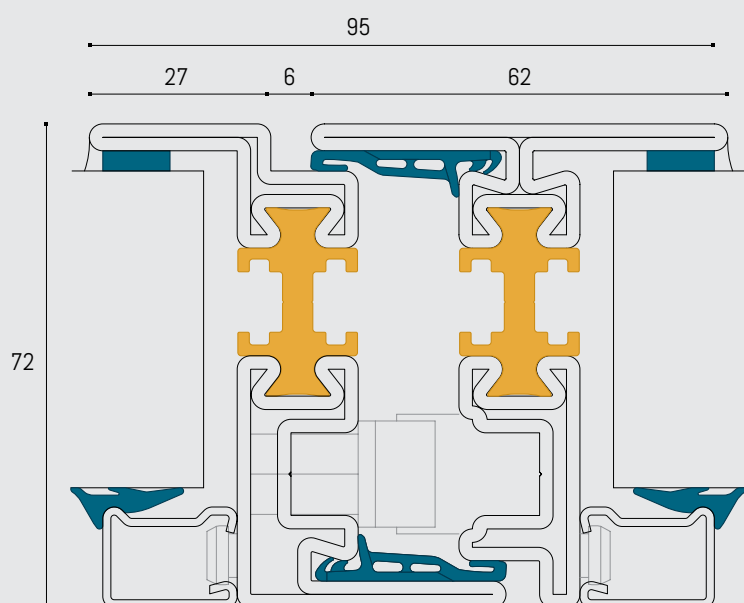
TITAN TT

WINDOWS / BALCONY DOORS

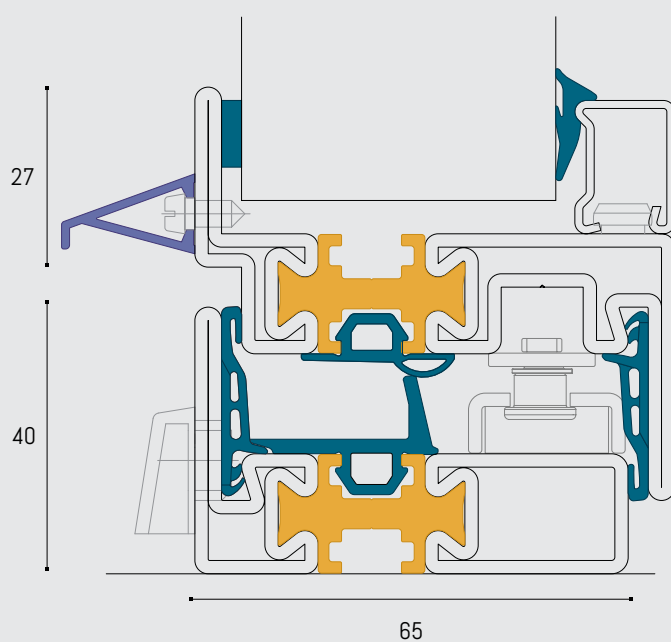
LATERAL INTERSECTION



BALCONY DOOR CENTRAL INTERSECTION



WINDOWS / BALCONY DOORS

TITAN TTWINDOW LOWER INTERSECTIONLEGEND

Profile



Gasket



Drip

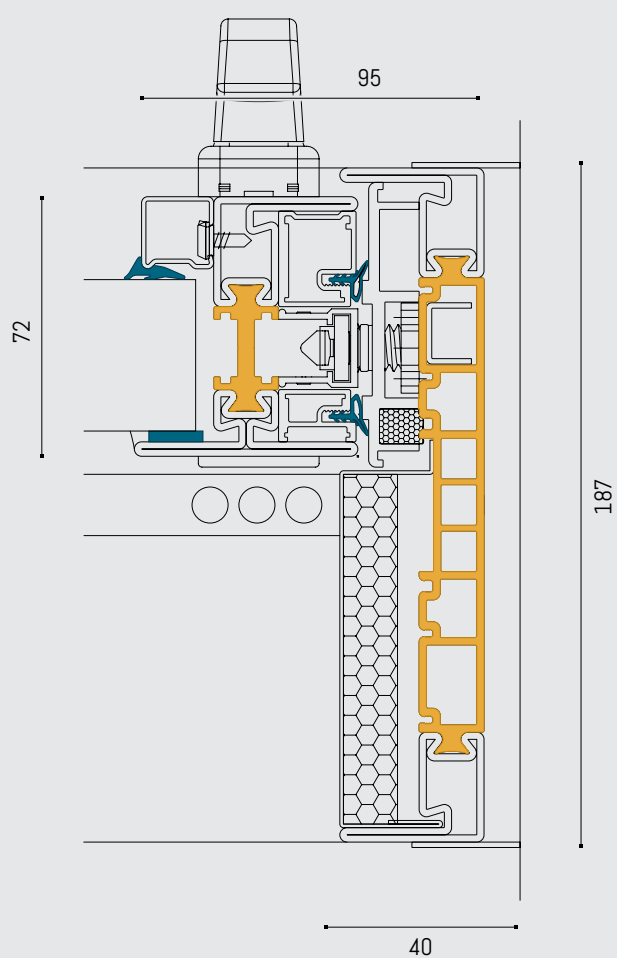


Thermal-break

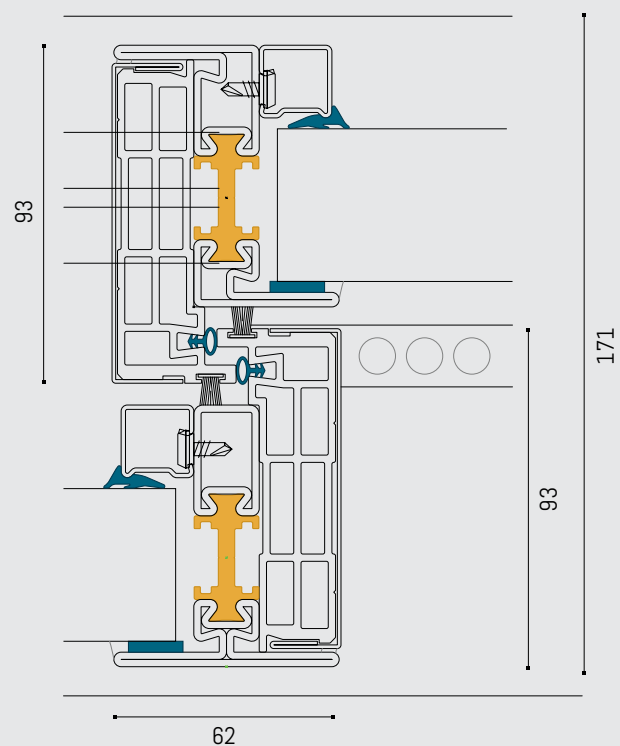
TITAN TT

LIFT AND SLIDE DOORS

LATERAL INTERSECTION



CENTRAL INTERSECTION



LEGEND



Profile

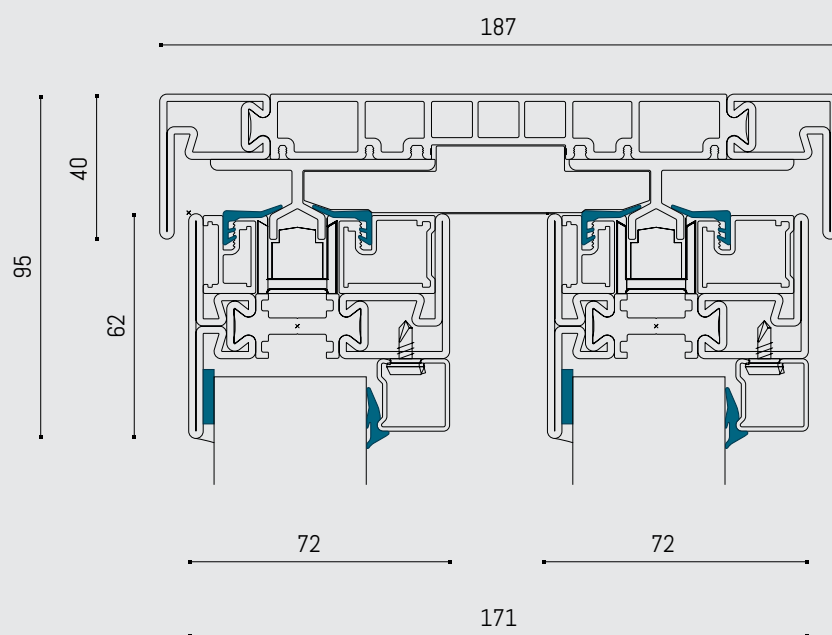
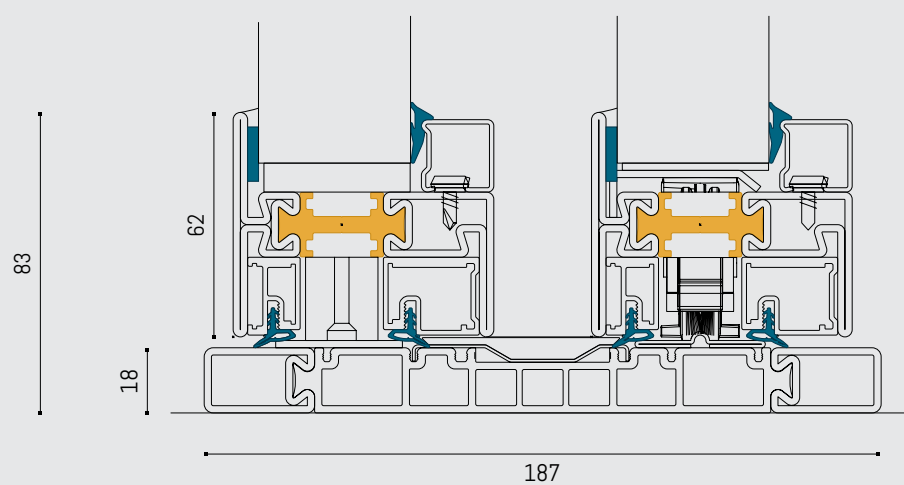


Gasket



Thermal-break

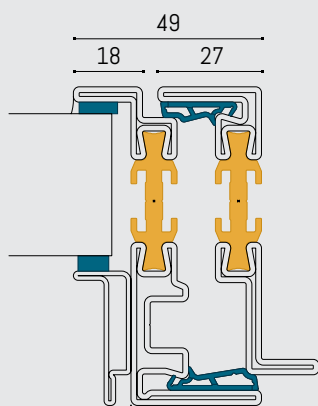
LIFT AND SLIDE DOORS

TITAN TTUPPER INTERSECTIONLOWER INTERSECTION

MAXIMUS TT

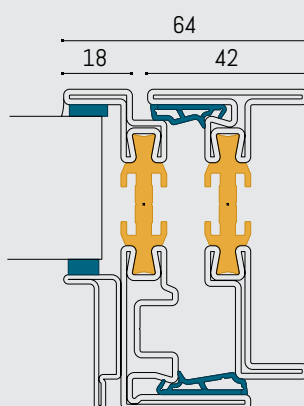
"Z" FRAME LATERAL INTERSECTION

Solution flushed with the wall

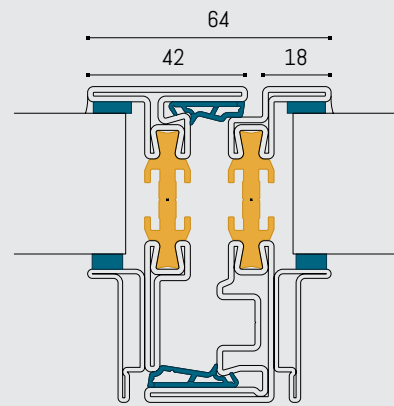


"H" FRAME LATERAL INTERSECTION

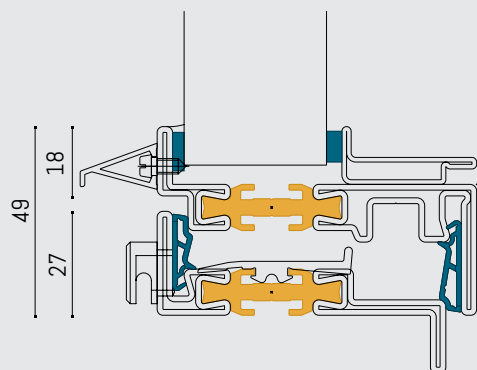
Solution within the wall's thickness



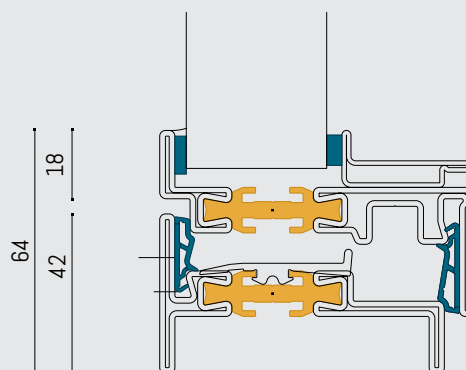
CENTRAL INTERSECTION



"Z" FRAME LOWER INTERSECTION



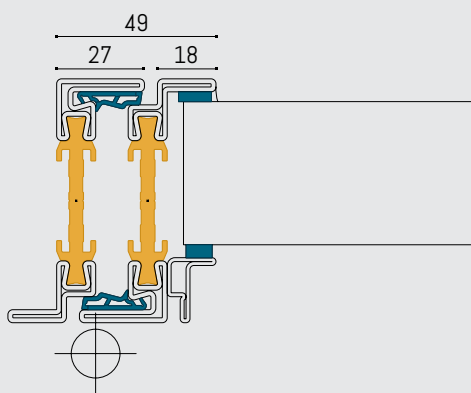
"H" FRAME LOWER INTERSECTION



MAXIMUS TT

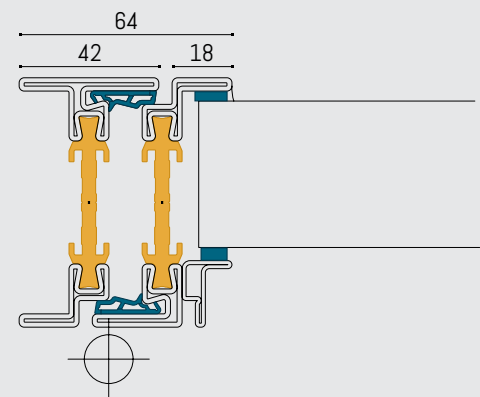
"Z" FRAME LATERAL INTERSECTION

Solution flushed with the wall

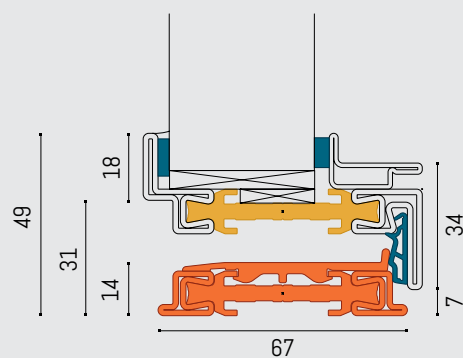


"H" FRAME LATERAL INTERSECTION

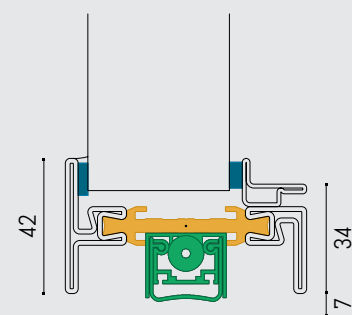
Solution within the wall's thickness








LOWER INTERSECTION *Threshold available*



Draft excluder available



LEGEND

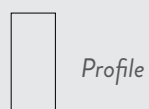
	Profile		Threshold		Draft excluder		Gasket		Thermal-break
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MAXIMUS TT

LATERAL INTERSECTION

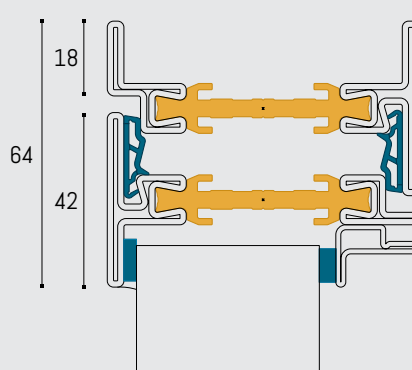
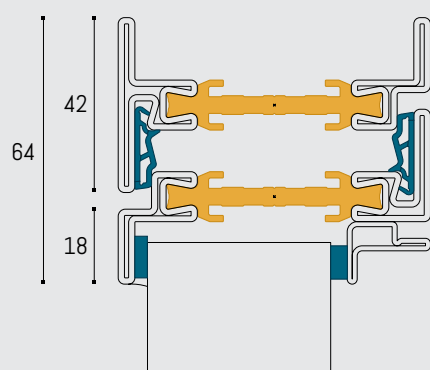


LEGEND

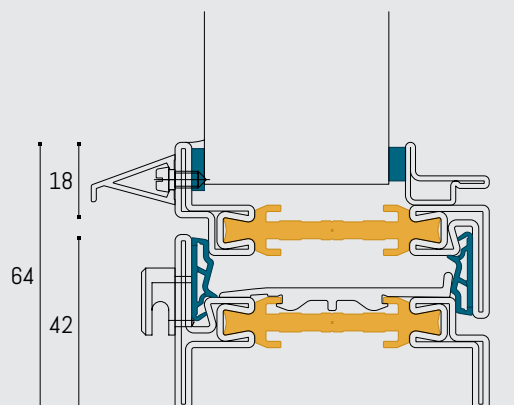
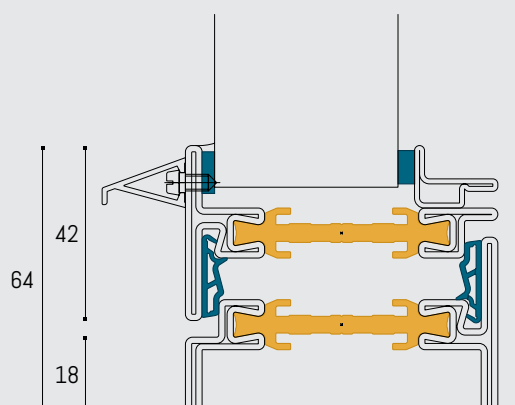


MAXIMUS TT

UPPER INTERSECTION

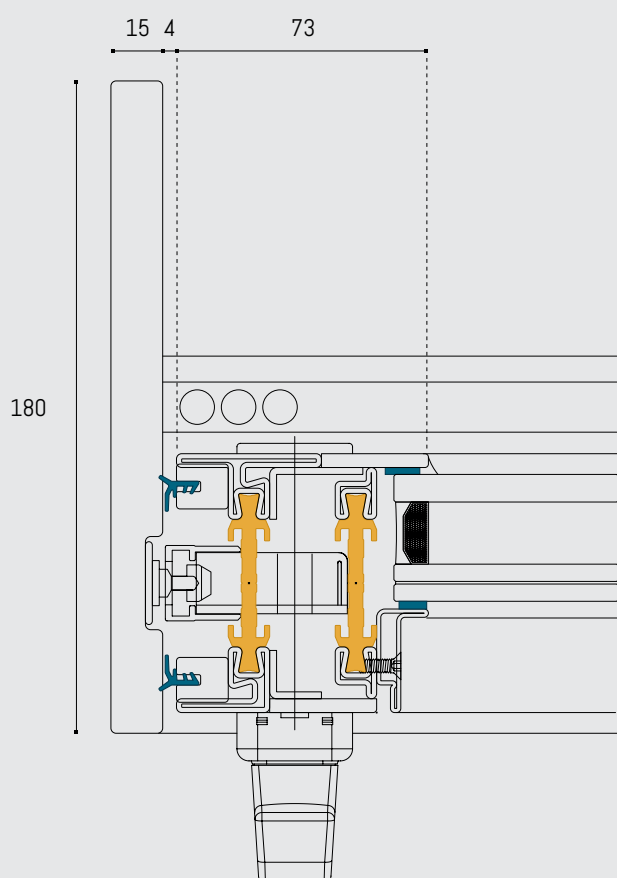


LOWER INTERSECTION

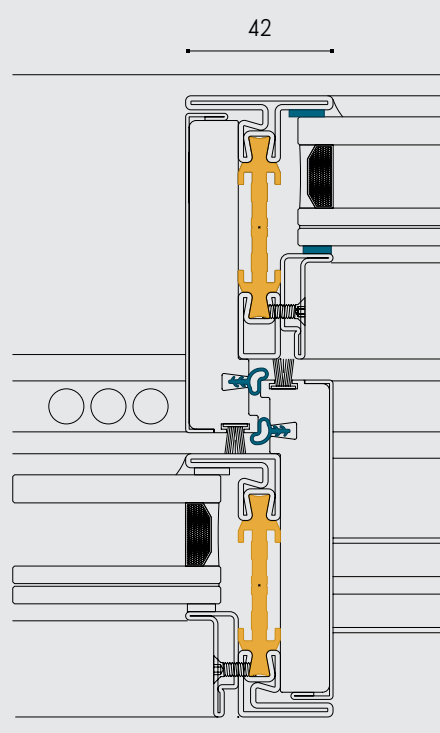


MAXIMUS TT

LATERAL INTERSECTION



CENTRAL INTERSECTION



LEGEND



Profile

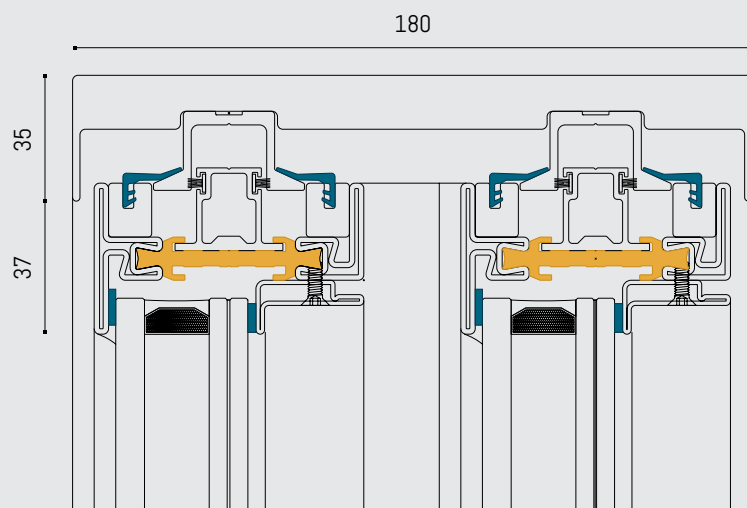


Gasket

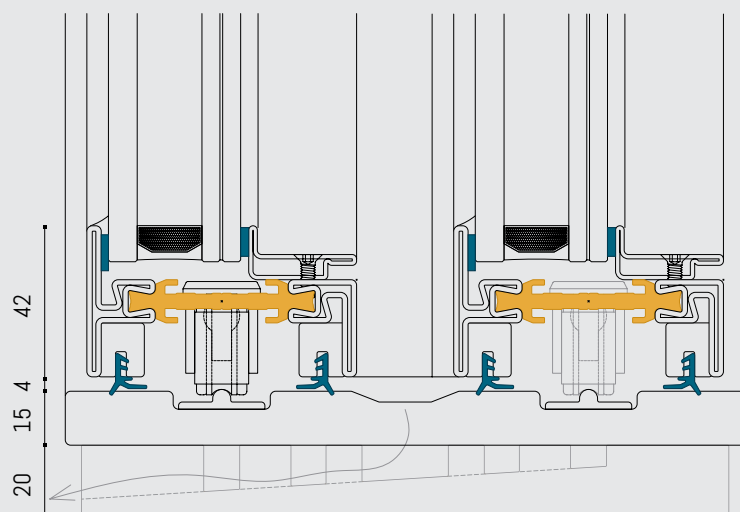


Thermal-break

MAXIMUS TT



UPPER INTERSECTION



LOWER INTERSECTION

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
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

BULLETPROOF PROTECTION



BERETTA
PARABELLUM
LUGER



S&W 357
MAGNUM



COLT 44
MAGNUM



M1
GARAND

UL752



LEVEL

1

2

3

4

SHOT NUMBER

3

3

3

1

LEVEL (METAL)

FB2

FB3

FB4

—

EN1063



LEVEL (GLASS)

BR1

BR2

BR4

—

SHOT NUMBER

3

3

3

—

METAL THICKNESS

2 mm
(RMR 500)
3 mm

2,5 mm
(RMR 500)

3 mm
(RMR 500)

—

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

FB4⁺

BR5

3

4 mm
(RMR 500)

F60

7,62 x 39

710 m/s

10 mt

7

5

FB5

BR5

3

6 mm
(RMR 500)

F60

5,56 x 45

950 m/s

10 mt

7

5

FB6

BR5

3

6,5 mm
(RMR 500)

F60

7,62 x 51

830 m/s

10 mt

8

5

FB7

BR6

3

6,3 mm
(RMR 600)

F70

7,62 x 51 AP

820 m/s

10 mt

8

5

FB7

BR6

3

6,3 mm
(RMR 600)

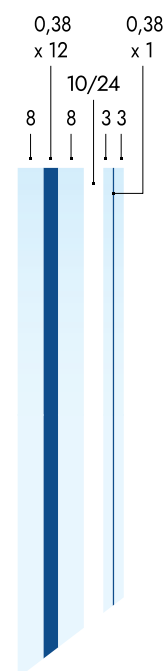
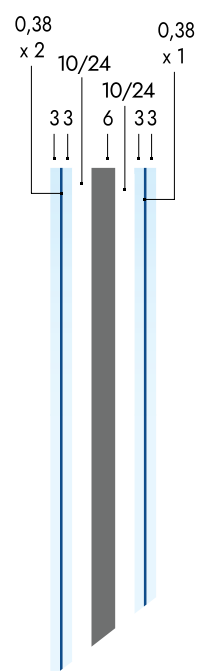
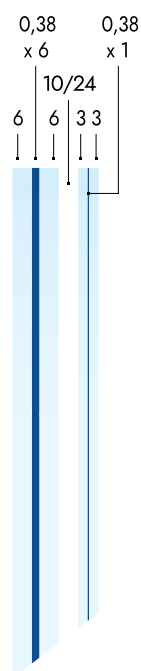
F70

7,62 x 39 AP

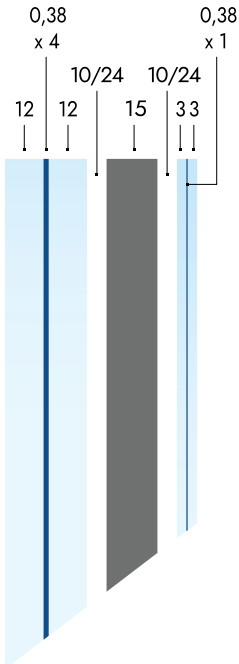
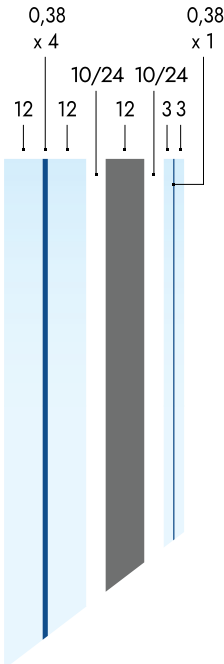
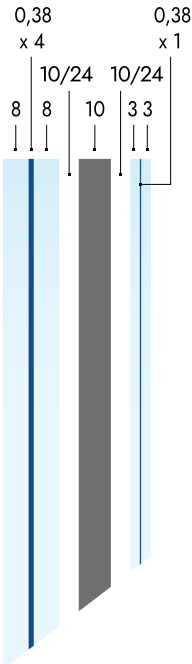
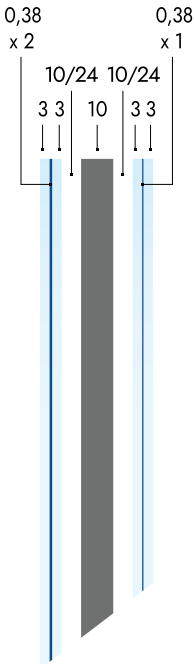
715 m/s

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/m²

69 kg/m²

90 kg/m²

105 kg/m²

BR2 NS

BR4 NS

BR5 NS

BR6 NS

P8B

P8B

P8B

P8B

43 / 71

54 / 82

64 / 92

67 / 95

ACCESSORIES

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



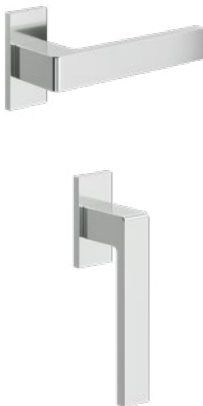
HANDLES FOR LIFT AND SLIDE



PULLBAR



HANDLES



WALL

STREET

CONTEMPORARY LINE



Polished chrome



Satin chrome



Polished gold



Satin brass



Ancient bronze



Matte bronze



Black



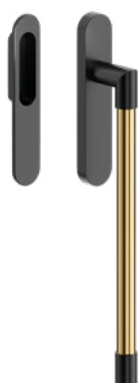
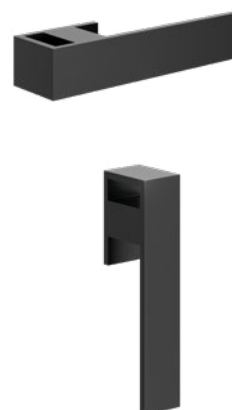
HANDLES FOR LIFT AND SLIDE



PULLBARS



HANDLES



MOSCOW

MATT

CONTEMPORARY LINE



Polished chrome



Satin chrome



Polished gold



Satin brass



Ancient bronze



Matte bronze



Black



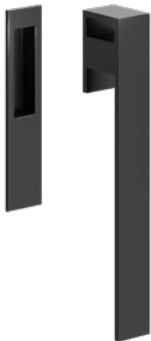
HANDLES FOR LIFT AND SLIDE



PULLBARS



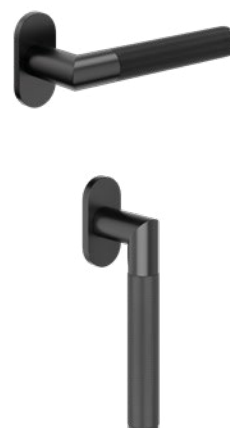
HANDLES



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

ZERMA TT

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

Fingerprint scanner system

TAG—LOCK

Alphanumeric keypad



Opening via Bluetooth



Proximity sensor



Smart gateway



*Automatic motorized
opening-closing*



Also available with battery power



*Multi-entry management
via dedicated app.*



Audio-video VOIP intercom / SIP



*Access through a touch screen
keypad or RFID-card.*



Installed on the wall		
 PROXY—LOCK <i>Proximity sensor</i>	 EYE—LOCK <i>Iris scanner system</i>	 FACE—LOCK <i>3D Face recognition system</i>
	—	
	—	
	—	—
		
	—	—
	—	—
—	—	
—	—	



“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

WJC
WORLD JEWISH CONGRESS
הקונגרס היהודי העולמי

BANCA D'ITALIA

FEADSHIP
ROYAL DUTCH SHIPYARDS

BURGER

POLIZEI
BERLIN

E/ESERCITO

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



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