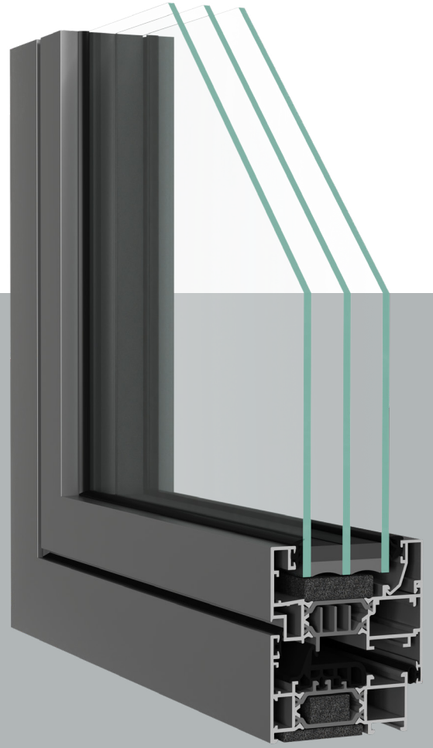
OptiFusion

COR 70 CE



PRODUCT GEOMETRY

Frame depth: **70 mm**
Sash depth: **78 mm**
3 sealing gaskets

MAXIMUM INSULATING GLASS UNIT THICKNESS

60 mm

THERMAL PERFORMANCE

Uw ≥ 0,9 W/m²K

ACOUSTIC INSULATION

44 dB

CERTIFICATIONS

Air resistance: **Class 4**
Water resistance: **Class E1800**
Wind resistance: **Class C5**

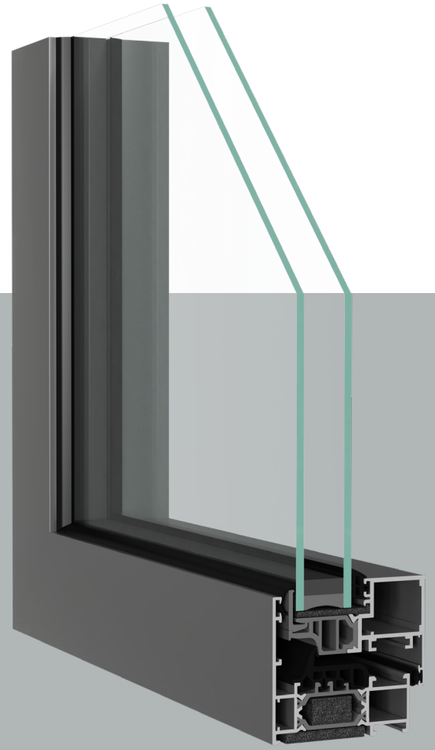
CORTIZO

The new window system presenting hidden hardware and hinges is a versatile and economical solution, offering remarkable thermal and acoustic efficiencies whilst providing a truly minimalist and seemless look. Installation is easy and the profiles can be customized with straight or rounded glazing beads for design flexibility. The hidden sash variant maximizes brightness and energy efficiency. AWS tests confirm the sealing and wind resistance, ensuring maximum protection in extreme conditions.

* THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.

OptiFusion

COR 70 HO (HIDDEN SASH)



PRODUCT GEOMETRY

Frame depth: **70 mm**
Sash depth: **70 mm**
3 sealing gaskets

MAXIMUM INSULATING GLASS UNIT THICKNESS

40 mm

THERMAL PERFORMANCE

Uw ≥ 1,0 W/m²K

ACOUSTIC INSULATION

46 dB

CERTIFICATIONS

Air resistance: **Class 4**
Water resistance: **Class E1650**
Wind resistance: **Class C5**

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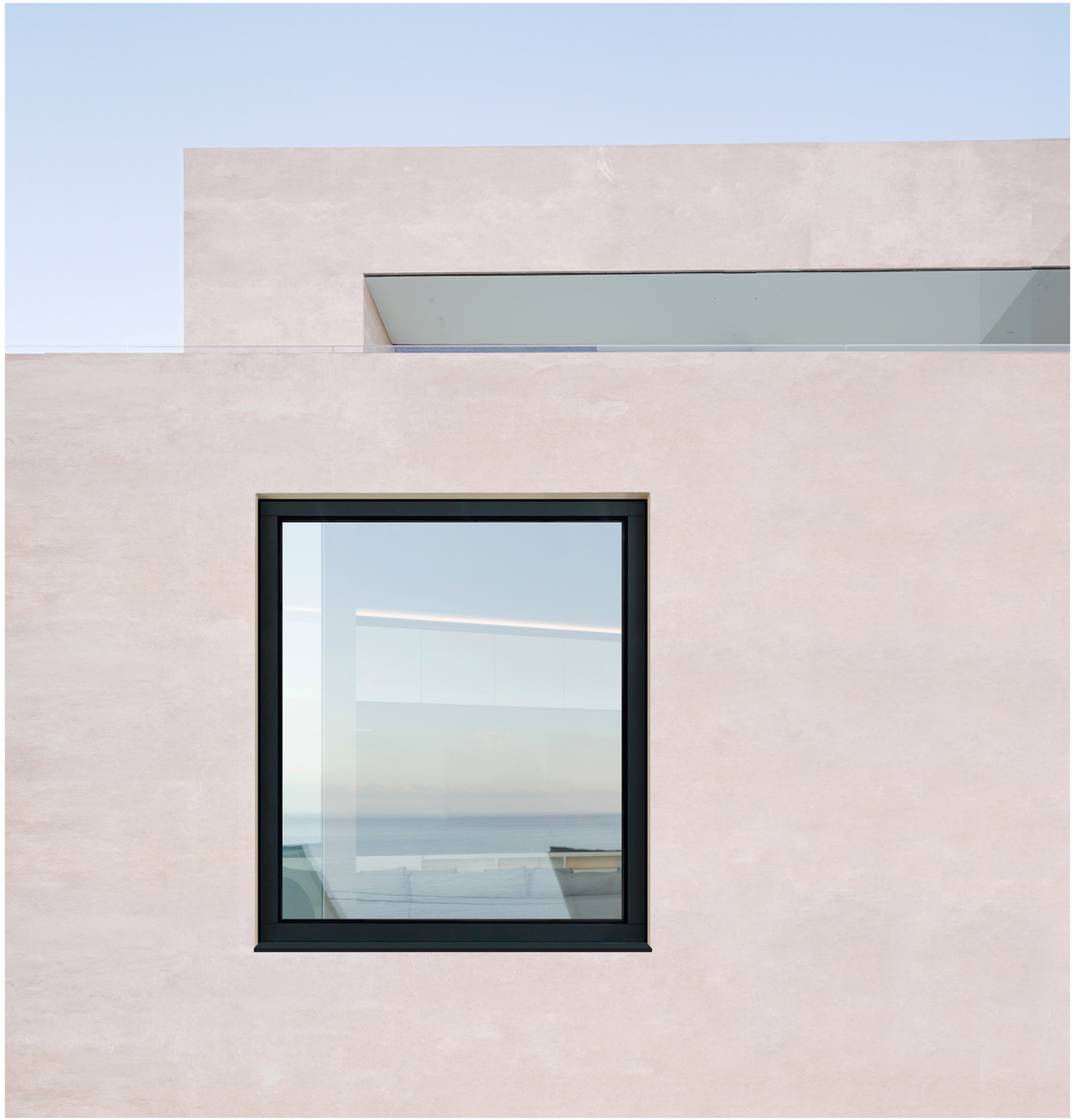
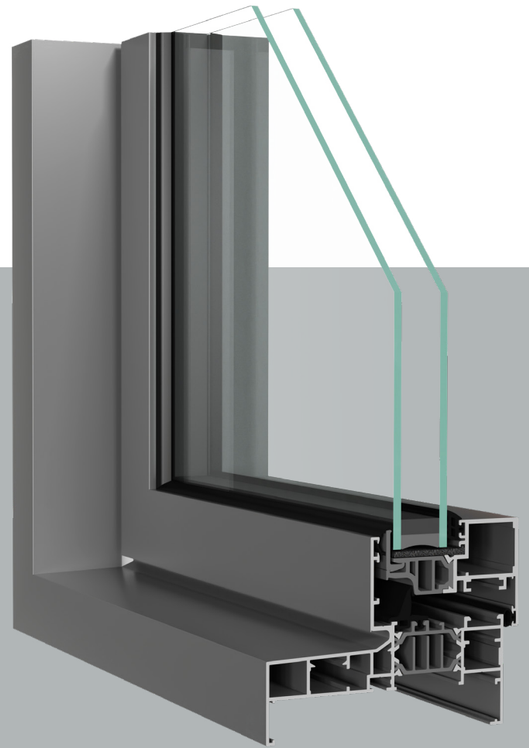
CORTIZO

The new window system presenting hidden hardware and hinges is a versatile and economical solution, offering remarkable thermal and acoustic efficiencies whilst providing a truly minimalist and seemless look. Installation is easy and the profiles can be customized with straight or rounded glazing beads for design flexibility. The hidden sash variant maximizes brightness and energy efficiency. AWS tests confirm the sealing and wind resistance, ensuring maximum protection in extreme conditions.



OptiFusion

COR 70 HO OC (HIDDEN SASH WITH INSULATION FRAME)



PRODUCT GEOMETRY

Frame depth: **70 - 232 mm**
Sash depth: **70 mm**
3 sealing gaskets

MAXIMUM INSULATING GLASS UNIT THICKNESS

40 mm

THERMAL PERFORMANCE

Uw ≥ 1,0 W/m²K

ACOUSTIC INSULATION

46 dB

CERTIFICATIONS

Air resistance: **Class 4**
Water resistance: **Class E1650**
Wind resistance: **Class C5**

CORTIZO

The new window system presenting hidden hardware and hinges is a versatile and economical solution, offering remarkable thermal and acoustic efficiencies whilst providing a truly minimalist and seemless look. Installation is easy and the profiles can be customized with straight or rounded glazing beads for design flexibility. The hidden sash variant maximizes brightness and energy efficiency. AWS tests confirm the sealing and wind resistance, ensuring maximum protection in extreme conditions.

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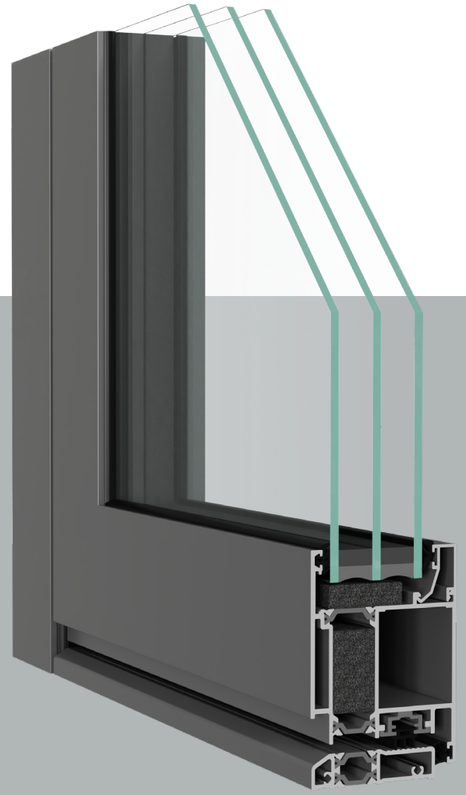
OptiFusion

MILLENIUM PLUS 70



*THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.

PRODUCT GEOMETRY

Frame depth: **70 mm**
Sash depth: **70 mm**
1 sealing gasket

MAXIMUM INSULATING GLASS UNIT THICKNESS

54 mm

THERMAL PERFORMANCE

Uw ≥ 0,9 W/m²K

ACOUSTIC INSULATION

38 dB

CERTIFICATIONS

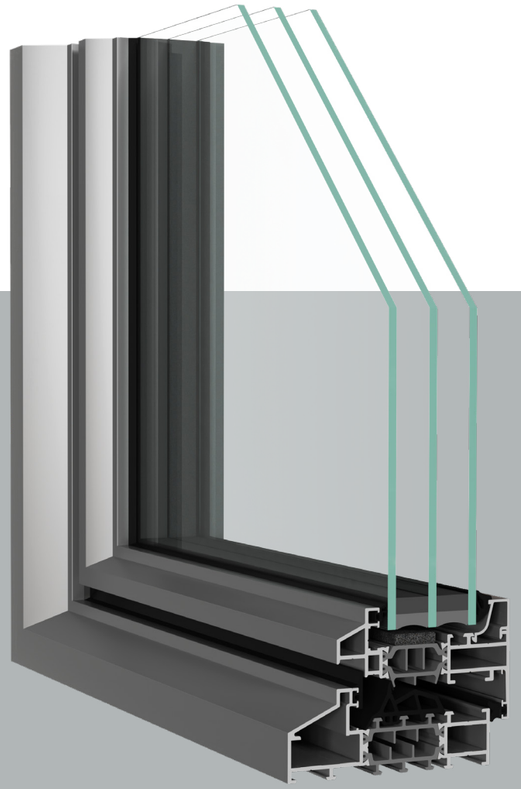
Air resistance: **Class 4**
Water resistance: **Class 6A**
Wind resistance: **Class C4**

CORTIZO

The Millenium 70 door system with thermal barrier is designed for commercial premises and public buildings. It offers excellent thermal and acoustic performances, thanks to its thermal insulation and energy efficiency. It can also be equipped with hidden hinges, as well as heavy-duty ones. The system is capable of openings of up to 100º and can be configured for emergency access or automatic openings.

OptiFusion

SLIMLINE 38



PRODUCT GEOMETRY

Frame depth: **99 mm**
Sash depth: **86 mm**
3 sealing gaskets

MAXIMUM INSULATING GLASS UNIT THICKNESS

55 mm

THERMAL PERFORMANCE

Uw ≥ 0,96 W/m²K

ACOUSTIC INSULATION

45 dB

CERTIFICATIONS

Air resistance: **Class 4**
Water resistance: **Class 9A**
Wind resistance: **Class C4**

REYNAERS aluminium

SlimLine 38 is the ideal solution for contemporary projects, offering a slim design and an outstanding ease of use. These durable aluminum windows and doors offer unlimited design freedom thanks to the multiple minimalist variants available. It is the perfect solution for adding a modern and energy-efficient element to any project.

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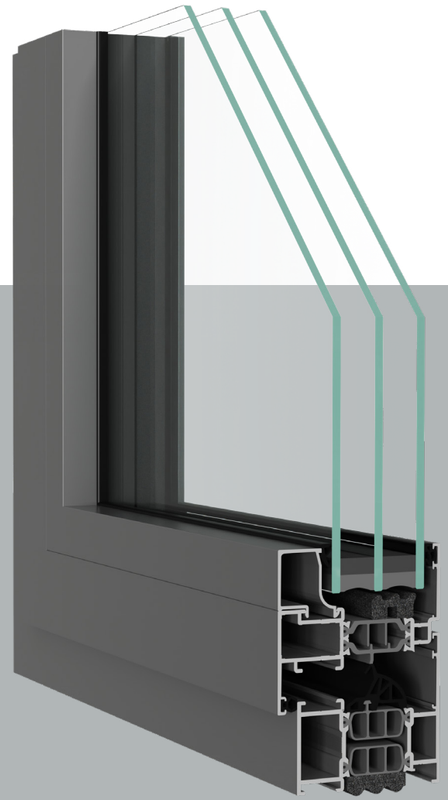
OptiFusion

CONCEPT SYSTEM 77



PRODUCT GEOMETRY

Frame depth: **68 mm**
Sash depth: **77 mm**
2 sealing gaskets

MAXIMUM INSULATING GLASS UNIT THICKNESS

62 mm

52 mm fix windows

THERMAL PERFORMANCE

Uw ≥ 1,3 W/m²K

ACOUSTIC INSULATION

42 dB

CERTIFICATIONS

Air resistance: **Class 4**
Water resistance: **Class E900**
Wind resistance: **Class C5**

REYNAERS aluminium

ConceptSystem 77 is a versatile joinery solution suitable for a wide range of building projects thanks to its multiple design options. This aluminum window system is adapted to market-required burglar resistance levels, offering both security and pleasant aesthetics.

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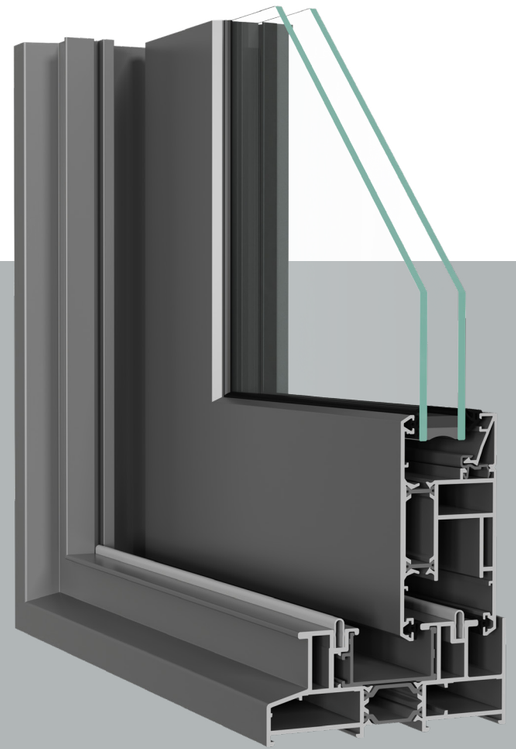
OptiFusion

COR 4500



PRODUCT GEOMETRY

Frame depth: **100 / 123 / 127 mm**
Sash depth: **78 mm**
2 sealing gaskets

MAXIMUM INSULATING GLASS UNIT THICKNESS

38 mm

THERMAL PERFORMANCE

Uw ≥ 1,1 W/m²K

ACOUSTIC INSULATION

42 dB

CERTIFICATIONS

Air resistance: **Class 4**
Water resistance: **Class 8A**
Wind resistance: **Class C4**

CORTIZO

The COR 4500 lift and slide door uses an ingenious mechanism to provide optimal sealing and isolation. It allows elements to be joined at 90º corners without a light divider and uses stainless steel rails to prevent wear. It also offers the possibility of using end-to-end or perimeter frames and allows the realization of galandage openings. Hence, 100% openings can be achieved by completely hiding the sliding elements into the building wall.

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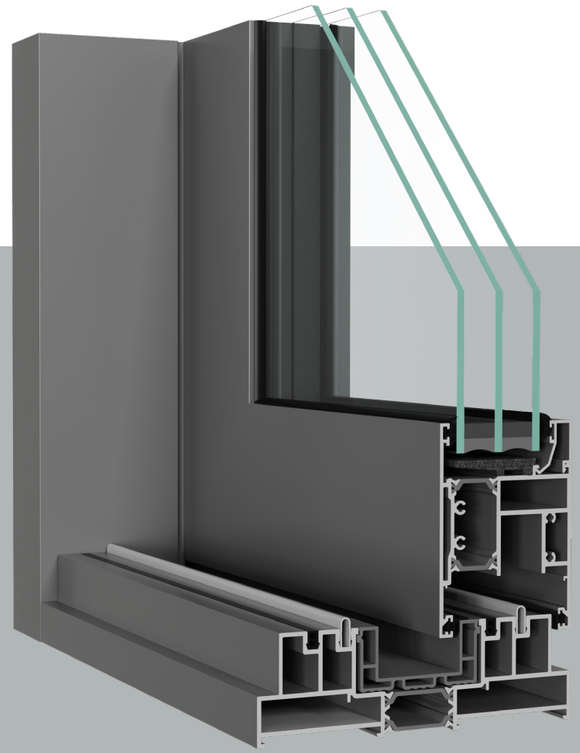
OptiFusion

COR 4600 HI



* THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.

PRODUCT GEOMETRY

Frame depth: **160.6 / 251 mm**
Sash depth: **70 mm**
2 sealing gaskets

MAXIMUM INSULATING GLASS UNIT THICKNESS

55 mm

THERMAL PERFORMANCE

Uw ≥ 0,9 W/m²K

ACOUSTIC INSULATION

43 dB

CERTIFICATIONS

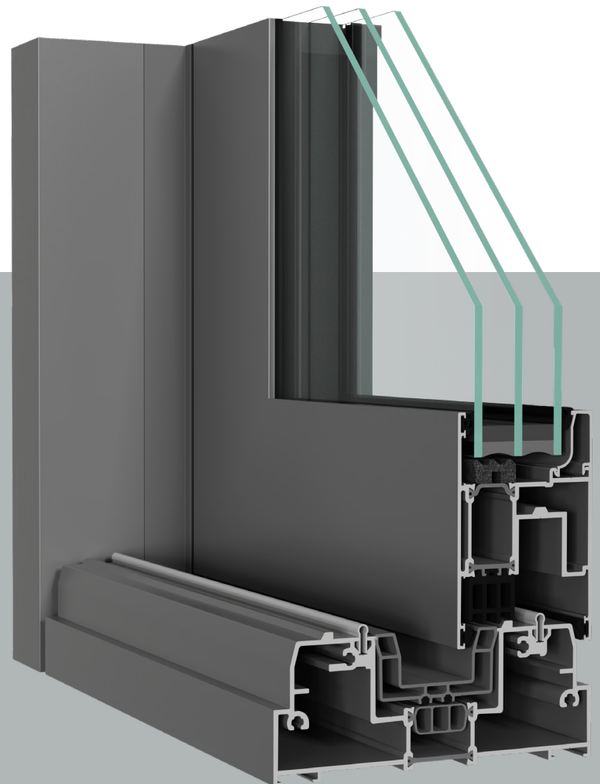
Air resistance: **Class 4**
Water resistance: **Class 9A**
Wind resistance: **Class C4**

CORTIZO

The new COR 4600 lift and slide door system provides exceptional thermal insulation and noise protection. With the option to install double- or triple-glazed insulating glass units and the ability to use large glazed elements, it is an efficient option for bright spaces. It works through a lifting and lowering mechanism, ensuring optimal sealing and sound insulation in any position. The modern design comes with two central mullion variants: standard 110 mm or minimalist 50 mm.

OptiFusion

CONCEPTPATIO 155



* THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.

PRODUCT GEOMETRY

Frame depth: **155 mm**
Sash depth: **68 mm**
2 sealing gaskets

MAXIMUM INSULATING GLASS UNIT THICKNESS

52 mm

THERMAL PERFORMANCE

Uw ≥ 0,99 W/m²K

ACOUSTIC INSULATION

42 dB

CERTIFICATIONS

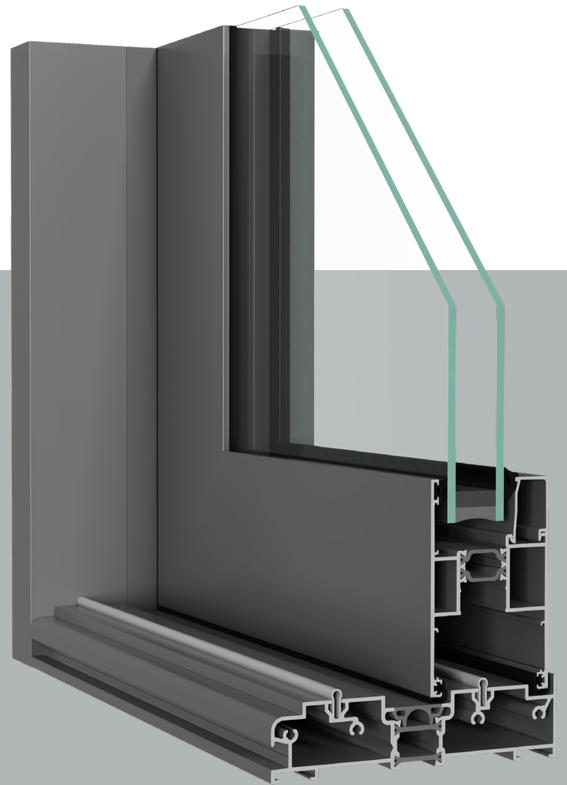
Air resistance: **Class 4**
Water resistance: **Class 9A**
Wind resistance: **Class C4**

REYNAERS aluminium

ConceptPatio 155 is a premium lift and slide door system, designed to allow the creation of large glazed areas and characterized by its top insulating performance. This aluminum sliding door system integrates easily and perfectly matches with the other products in the ConceptSystem 77 range.

OptiFusion

CONCEPTPATIO 130



*THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.

PRODUCT GEOMETRY

Frame depth: **130 mm**
Sash depth: **59 mm**
2 sealing gaskets

MAXIMUM INSULATING GLASS UNIT THICKNESS

43 mm

THERMAL PERFORMANCE

Uw ≥ 1,4 W/m²K

ACOUSTIC INSULATION

42 dB

CERTIFICATIONS

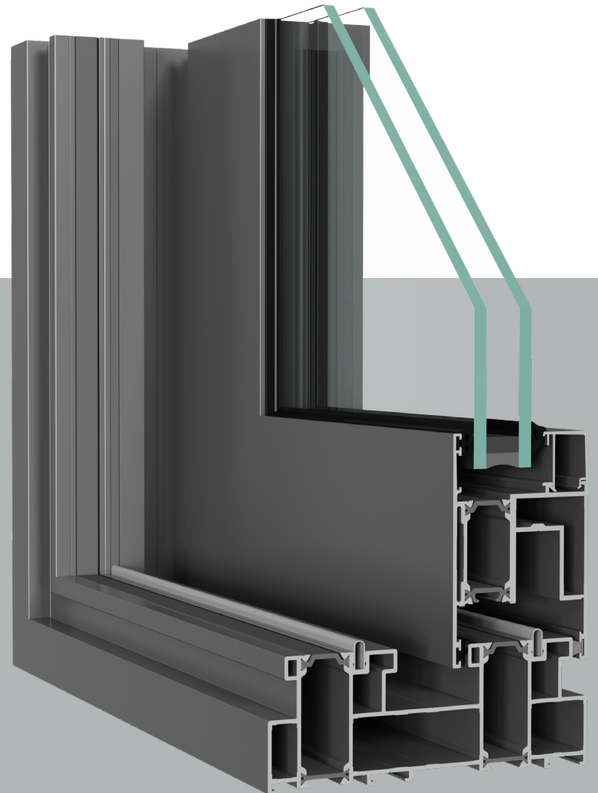
Air resistance: **Class 4**
Water resistance: **Class E750**
Wind resistance: **Class B5**

REYNAERS aluminium

ConceptPatio 130 is a high-quality alternative to lift and slide doors, offering a perfect synergy between cost, functionality and aesthetics. This versatile aluminum system gives both architectural professionals and homeowners the ability to design spaces without restriction.

OptiFusion

ULTRA GLIDE



* THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.

PRODUCT GEOMETRY

Frame depth: **153-239 mm**
Sash depth: **67 mm**
3 sealing gaskets

MAXIMUM INSULATING GLASS UNIT THICKNESS

52 mm

THERMAL PERFORMANCE

Uw ≥ 1,45 W/m²K

ACOUSTIC INSULATION

43 dB

CERTIFICATIONS

Air resistance: **Class 4**
Water resistance: **Class 9A**
Wind resistance: **Class C4**

aliplast
aluminium systems

The Ultra Glide system provides superior performances in the design of lift and slide doors, for both residential and public buildings. It is tailored for thermal efficiency, appearance and safety, with options such as the reduced Ultra Glide threshold and 90° Ultra Glide corner solution. With impressive maximum dimensions, it support large sashes with loads of up to 400 kg. The system presents advanced thermal performances, ensuring natural lighting and a functional interior design.

Glass

Glass represents approximately 80% of the a joinery's surface. OPTIMEDIA equips its products with SAINT GOBAIN GLASS or GUARDIAN glazings that the meet thermal, acoustic and security requirements, whilst ensuring the desired indoor ambiance. Their winter-summer comfort function maintains a pleasant interior atmosphere throughout the year, with the sheen of its coating giving the space a touch of elegance.

TECHNICAL SPECIFICATIONS

ESG tempered glass is, on average, 4 times more resistant than a standard glass to changes in temperature, strong winds and impacts. When cracked, it breaks down into small pieces without any sharp edges.

Laminated glass is composed of two or more simple glass sheets glued together with a PVB film which, in case of breakage acts as a medium to which the shards remain glued, therefore preventing possible accidents.

Tempered glass aims to protect both users against accidents and buildings against break-ins.

For design purposes or to protect you from prying eyes, Optimedia offers you a wide range of decorative glass with a large number of models, textures and colors.

Also, for added style and elegance, you can choose between georgian and astragal bars. These can be of different sizes, colors and shapes, made of PVC or Aluminum.

Tempered glass: Optimedia ESG

ESG is a type of glass that, following the tempering process, shows a considerably higher resistance to mechanical and thermal stresses compared to ordinary glass (including laminated glass). In case of breakage, ESG glass fragments into small pieces with blunt edges. Its superior mechanical properties recommend it for large glazed elements.

USES:

Architectural: all types of interior or exterior windows, doors and glass assemblies, consisting of independent or linked elements, facades, glazed roofs, stairs and even glass floors;

Urban furniture: telephone booths, public transport stations, parapets;

Interior furniture: table tops, shower cabins, shelves, furniture.

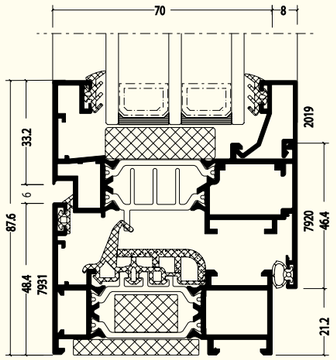
WHY ESG (TEMPERED) GLASS?

ESG glass is 50% lighter than laminated glass, thus facilitating its transport and assembly whilst at the same time extending the joinery's life by reducing the load on the hardware.

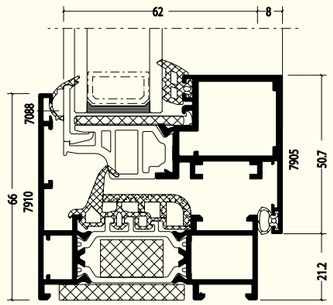
It is 5 times more resistant to tension, shocks and bending stresses compared to an ordinary or laminated glass of the same thickness.

It reduces the risk of injury in case of breakage, by fragmenting into small, blunt pieces and limits the risk of break-ins.

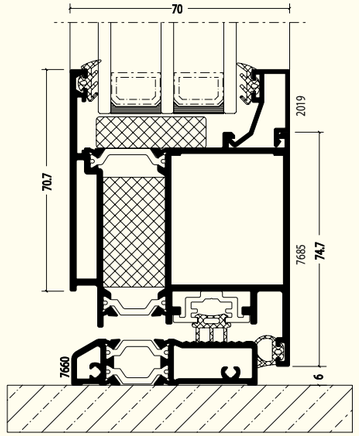
OptiFusion COR 70 CE

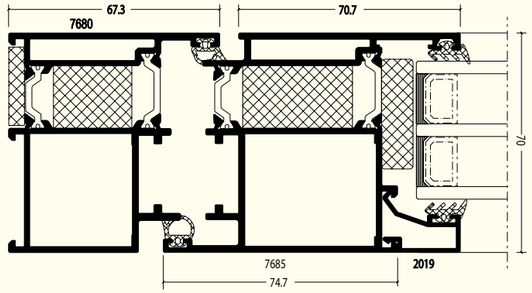


OptiFusion COR 70 HO (HIDDEN SASH)

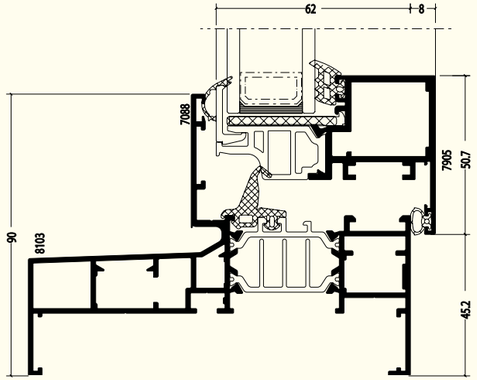


OptiFusion MILLENIUM PLUS 70

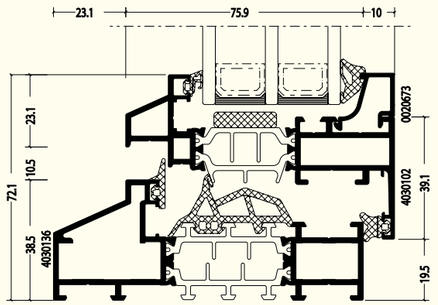




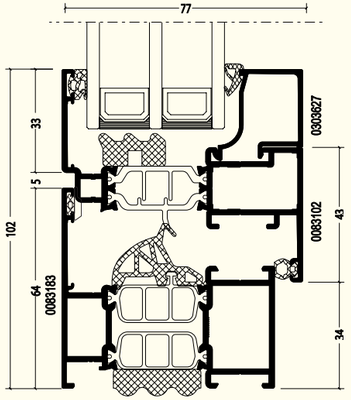
OptiFusion COR 70 HO OC
(HIDDEN SASH WITH INSULATION FRAME)



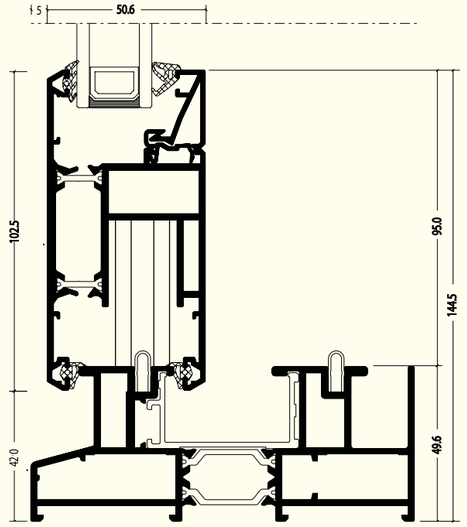
OptiFusion REYNAERS SL 38

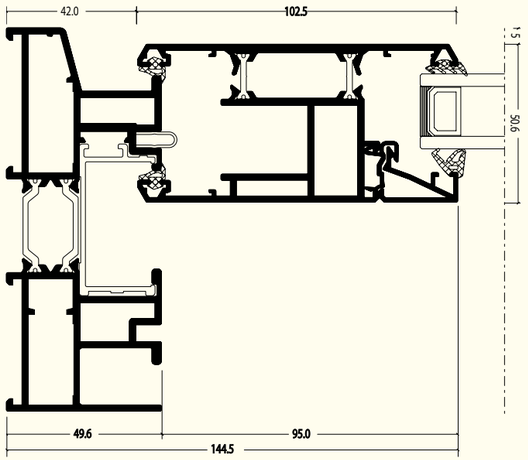


OptiFusion REYNAERS CS 77

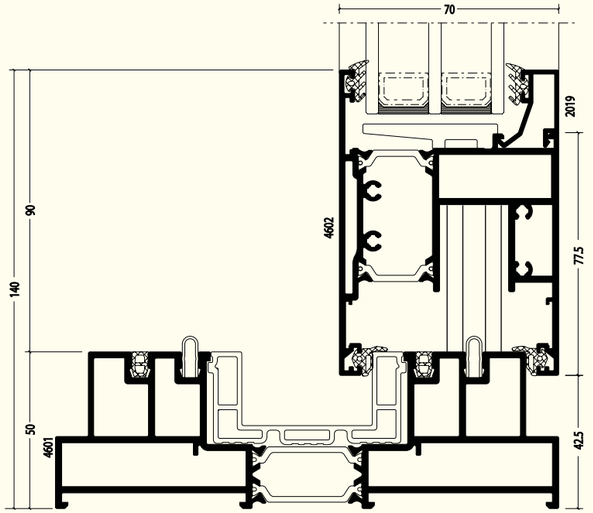


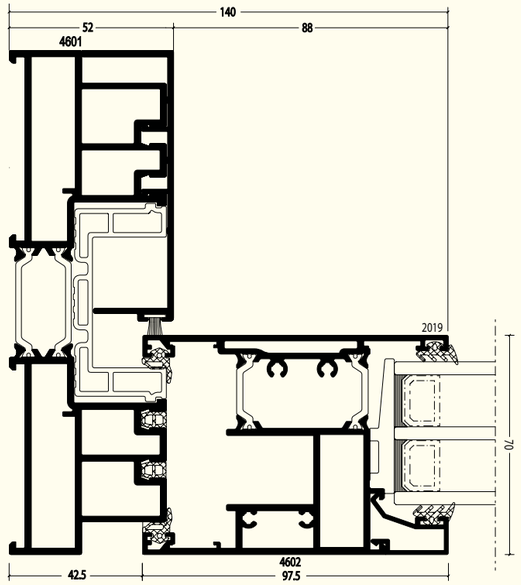
OptiFusion COR 4500



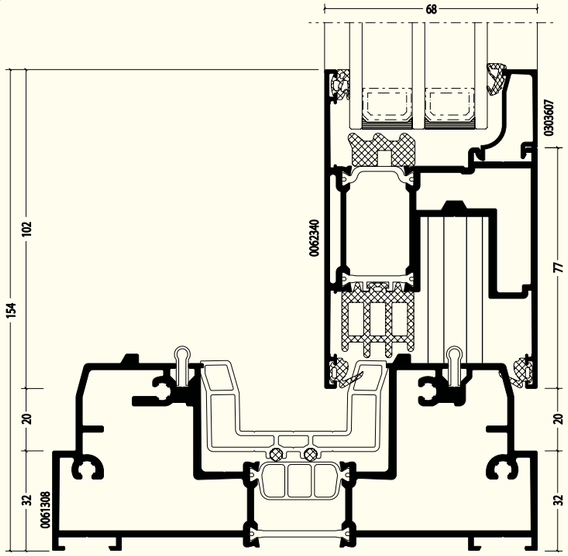


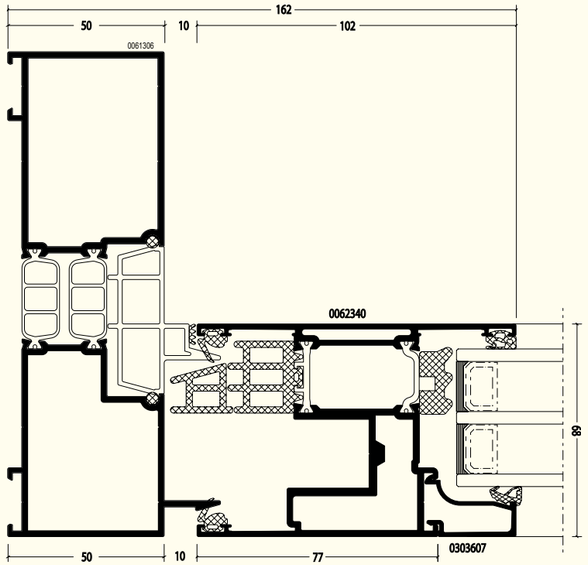
OptiFusion COR 4600





OptiFusion REYNAERS CP 155





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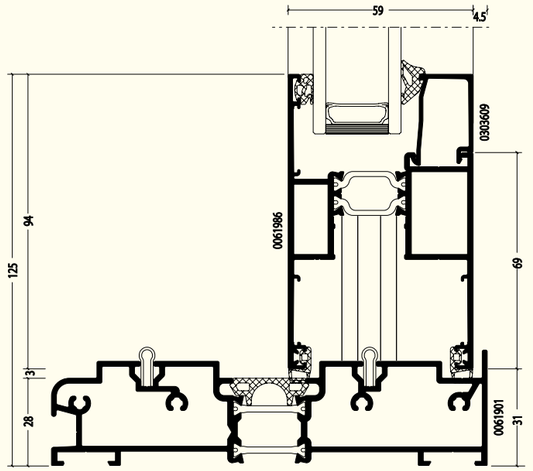

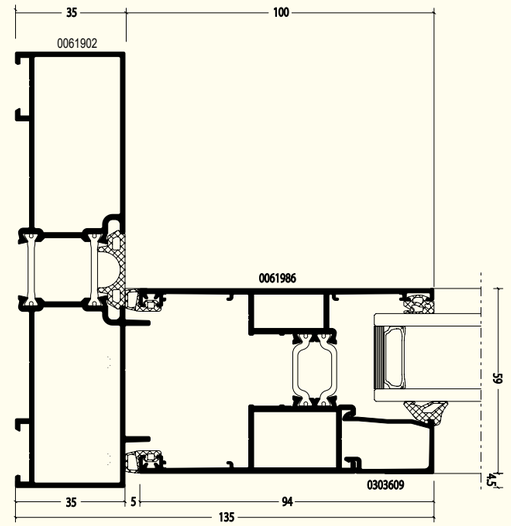

OptiFusion ALIPLAST ULTRAGLIDE