

OptiHorizon

COR VISION

PRODUCT GEOMETRY

Frame depth:
116 mm 2-rail frame
182 mm 3-rail frame
Sash depth: **44 mm**

MAXIMUM INSULATING
GLASS UNIT THICKNESS

28 mm

THERMAL PERFORMANCE

$U_w \geq 1,3 \text{ W/m}^2\text{K}$

ACOUSTIC INSULATION

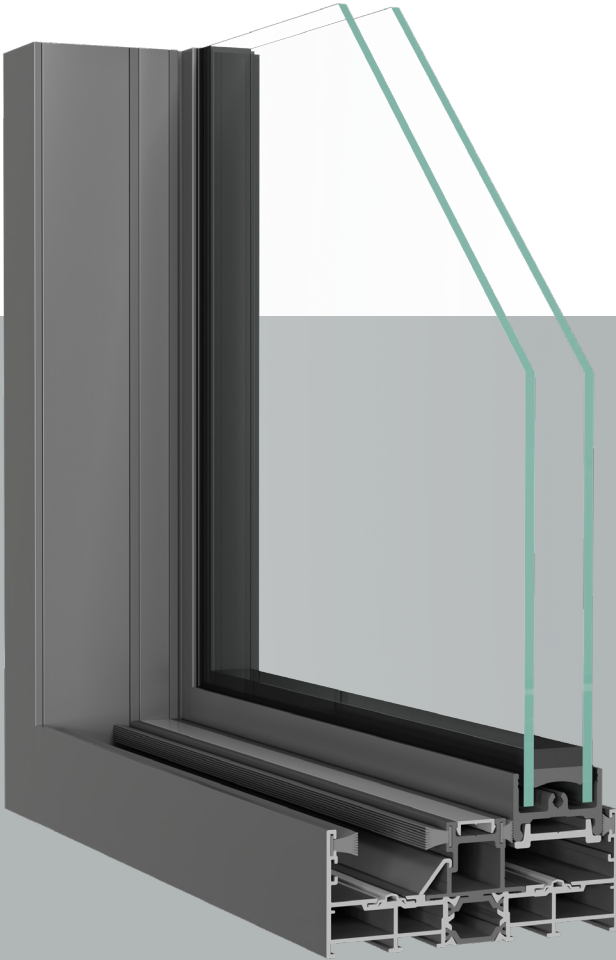
41 dB

CERTIFICATIONS

Air resistance: **Class 4**
Water resistance: **Class 7A**
Wind resistance: **Class C5**



This sliding system with thermal barrier stands out with its avant-garde design which maximizes light and minimizes the visible aluminum surfaces. The bottom, top and side frames can be integrated into the surrounding structural elements, allowing sashes to be joined at seamless 90° corners as well as full openings to be achieved by hiding the sliding elements inside neighbouring walls. Durable and easy to maintain, the system offers flexibility in use and the possibility to replace the glass or aluminum profiles in case of damage over time.



* THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.



OptiHorizon

COR VISION PLUS

PRODUCT GEOMETRY

Frame depth:
180 mm 2-rail frame
278 mm 3-rail frame
Sash depth: **57 mm**

MAXIMUM INSULATING
GLASS UNIT THICKNESS

56 mm

THERMAL PERFORMANCE

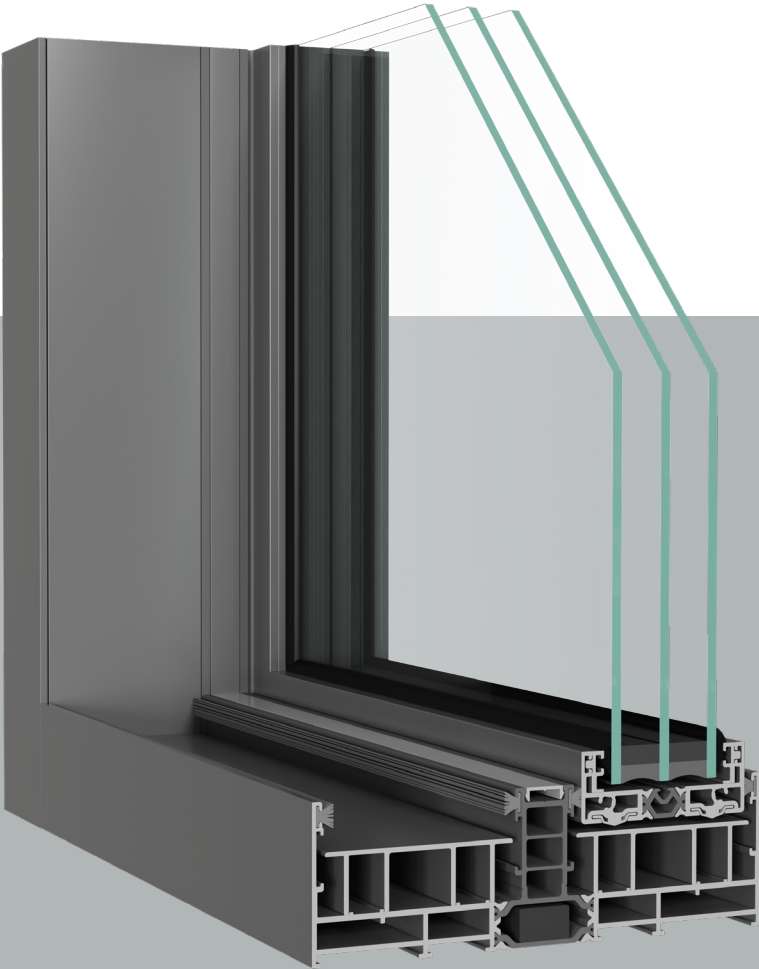
Uw ≥ 0,9 W/m²K

ACOUSTIC INSULATION

43 dB

CERTIFICATIONS

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



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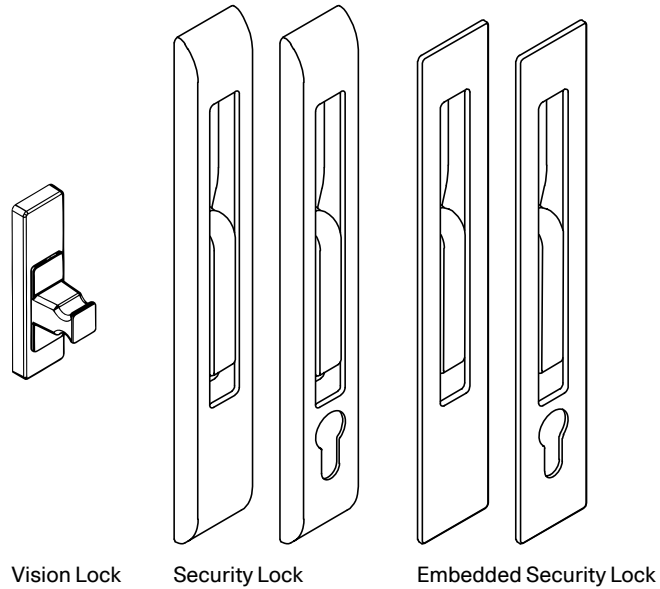
Cor Vision PLUS is the pinnacle of minimalist sliding doors systems, providing the maximum amount of light for the largest of spaces. The 1-, 2-, 3- or even 4-sash variants can cover trully impressive areas, with the motorization option facilitating their use. The lower, upper and side frames can also be completely hidden, making openings consisting of up to 94% glass a reality. The profiles, in turn, have multi-point locks and allow for easy disassembly and reassembly in case of glass breakage or damage.



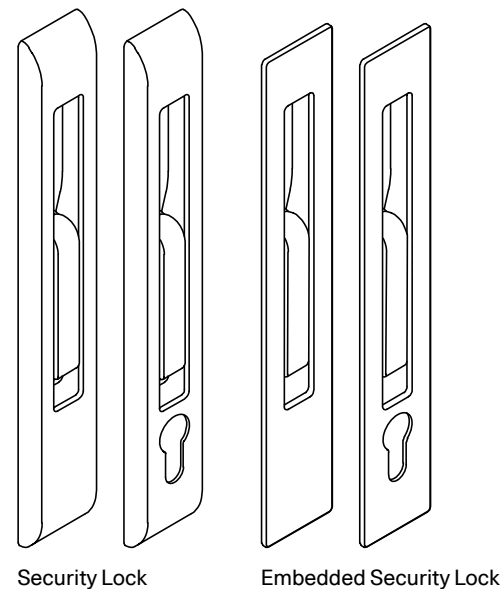
HARDWARE AND HANDLES



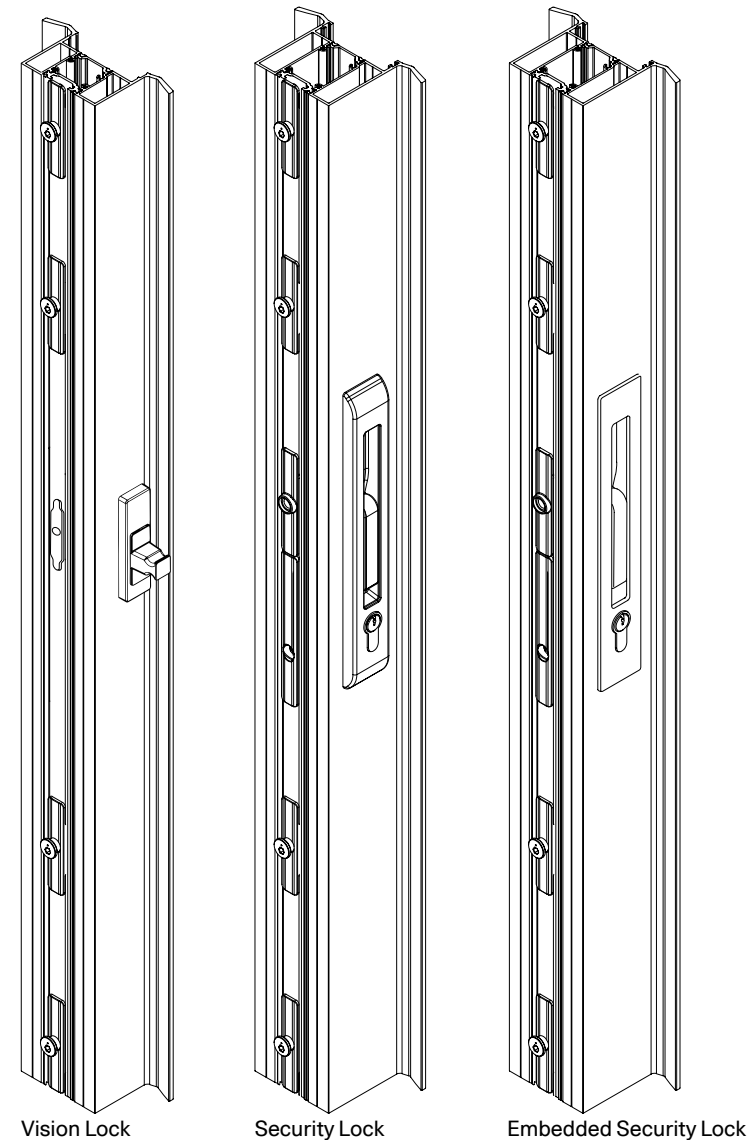
COR VISION HANDLES



COR VISION PLUS HANDLES



Locking Mechanism Options



ADVANTAGES

Minimalist design

The handles' design perfectly matches the entire system's concept, maintaining its minimalist aesthetic.

Multiple configuration options

The system comes with multiple handle options, differing both in terms of design and locking mechanism.

Easy handling of the sashes

The vertical sash reinforcement benefits the system structurally whilst also aiding in its functionality and appearance. It allows sashes to be effortlessly operated regardless of their size.

Glass



Glass represents approximately 80% of the a joinery’s surface. OPTIMEDIA equips its products with SAINT GOBAIN GLASS or GUARDIAN glazings that meet the 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.

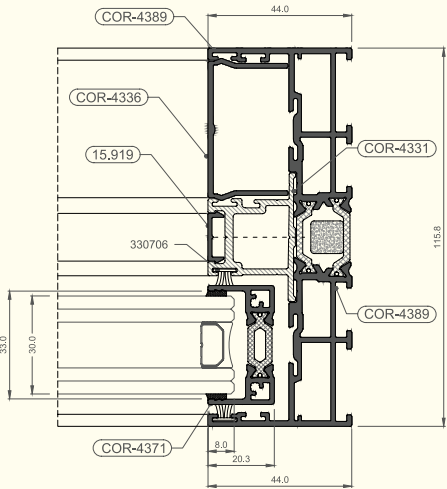
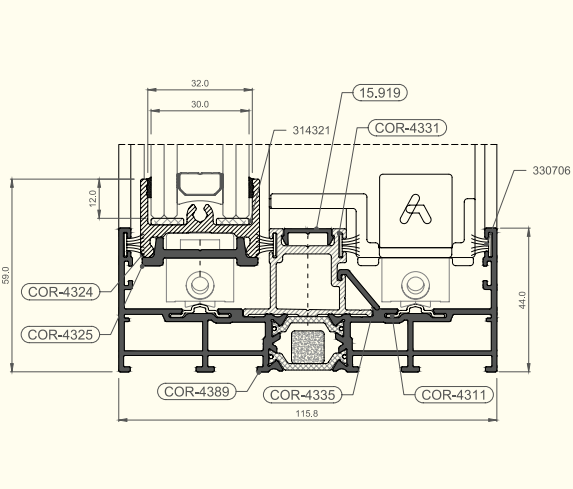


It is 5 times more resistant to tension, shocks and bending stresses compared to an ordinary or laminated glass of the same thickness.

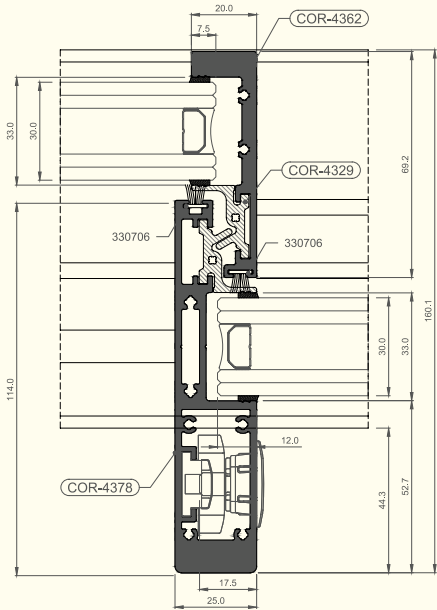
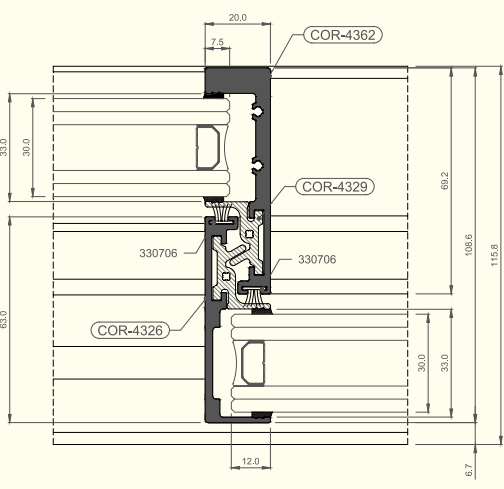


It reduces the risk of injury in case of breakage, by fragmenting into small, blunt pieces and limits the risk of break-ins.

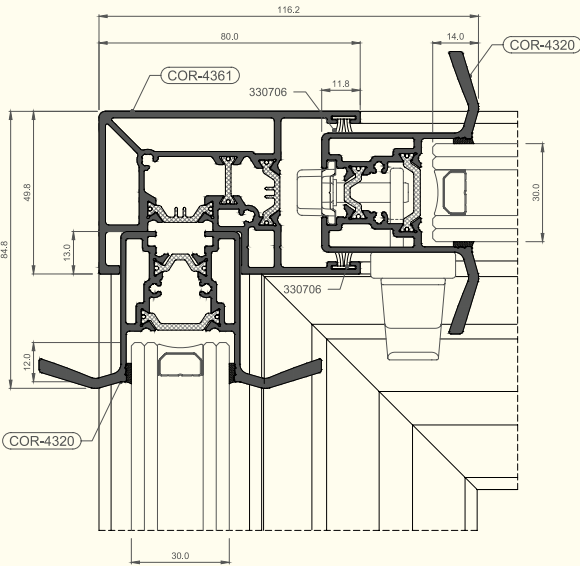
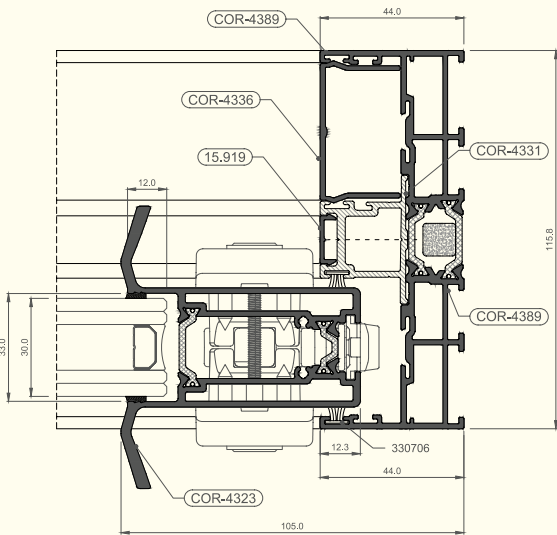
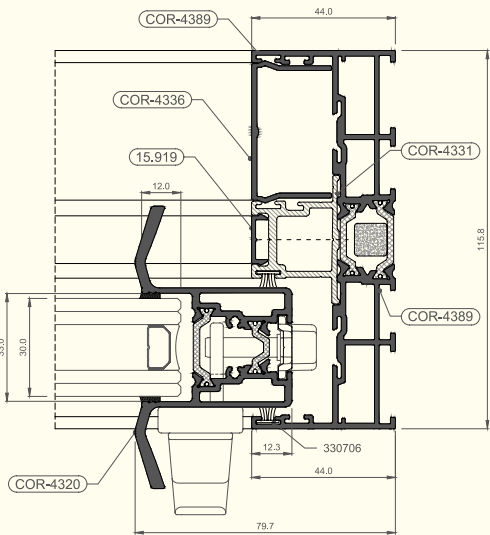
OptiHorizon COR VISION



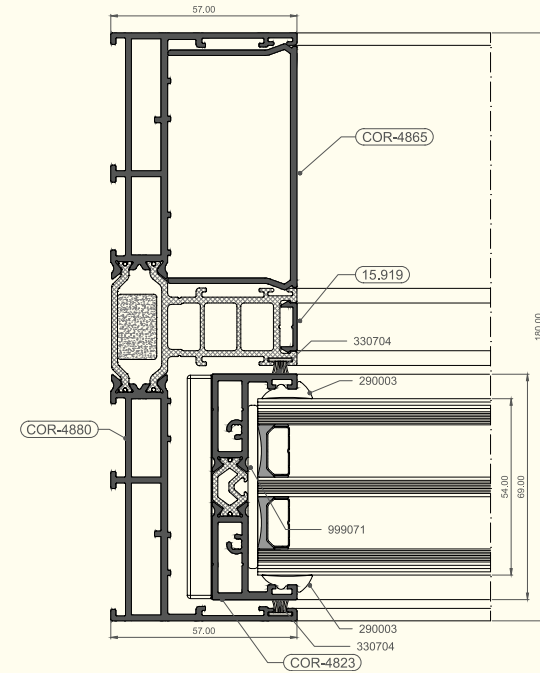
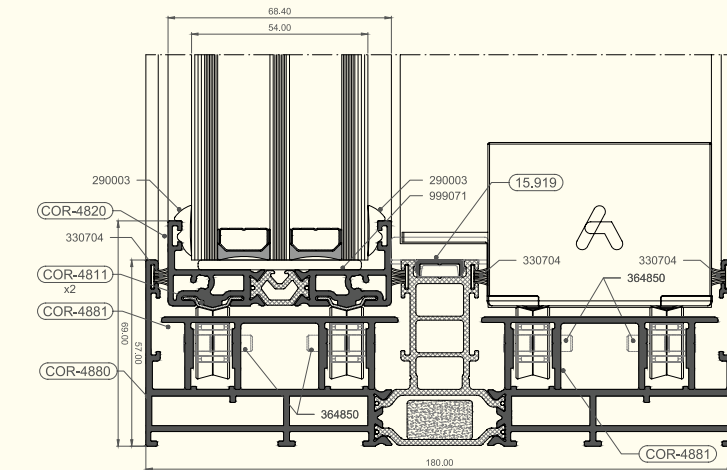
CENTRAL NODE



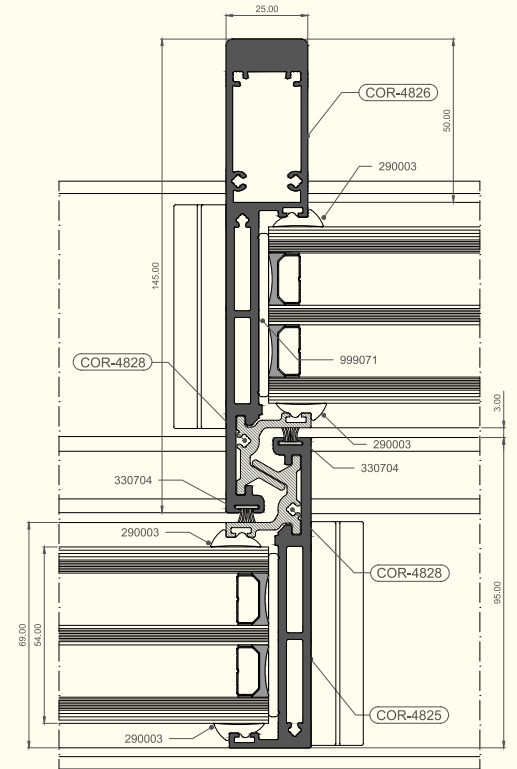
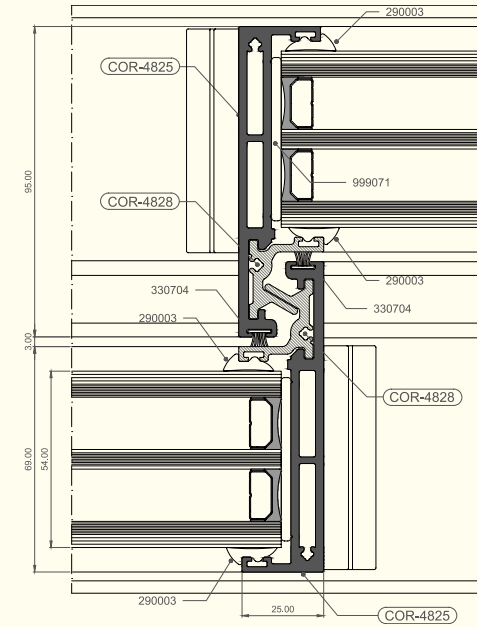
CORNER MOVING MULLION



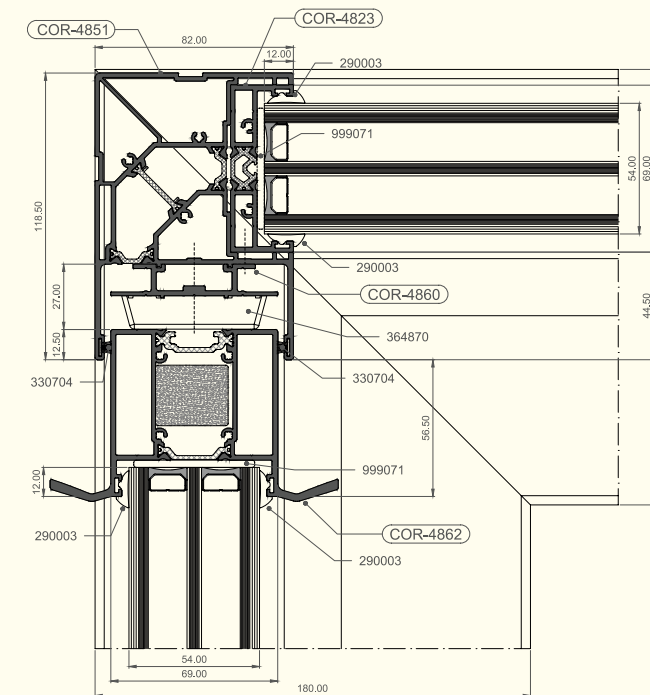
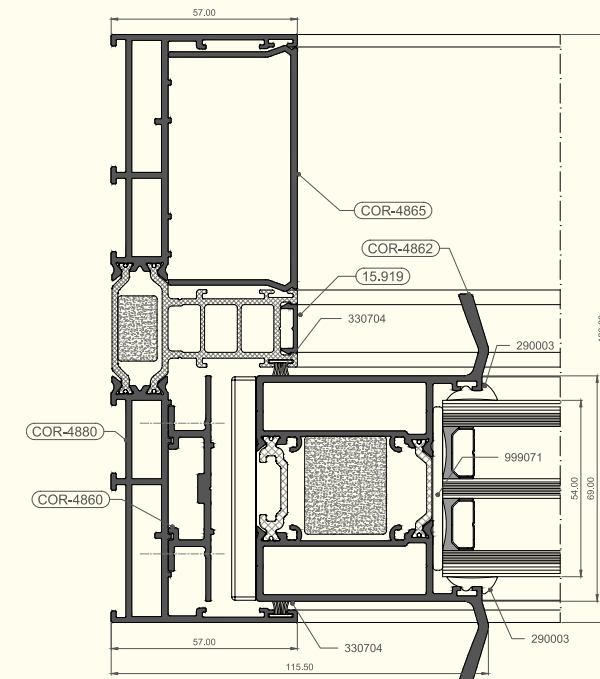
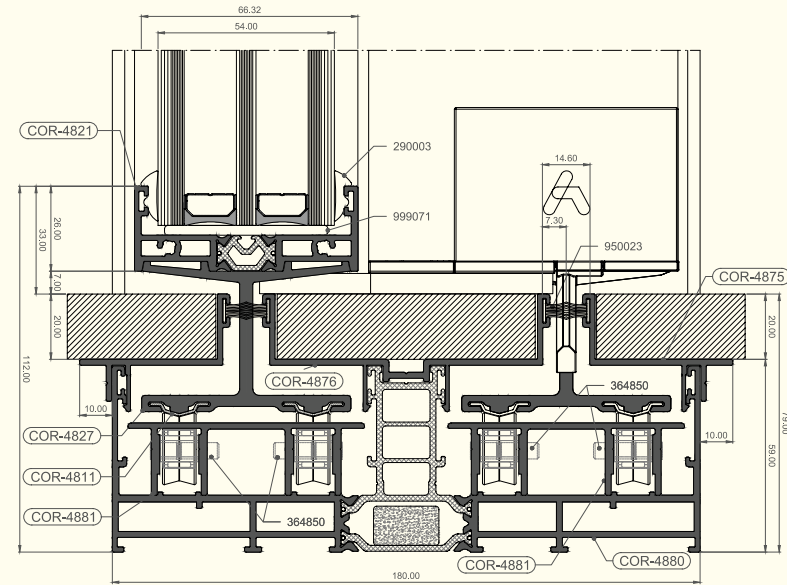
OptiHorizon COR VISION PLUS



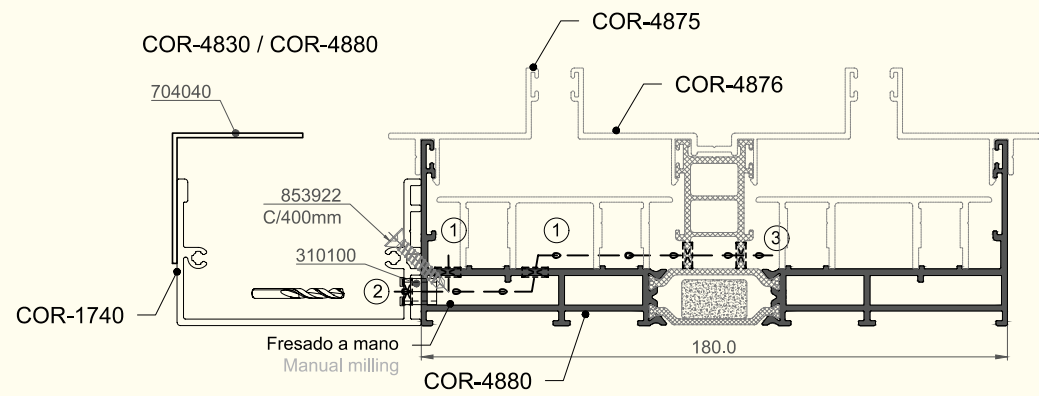
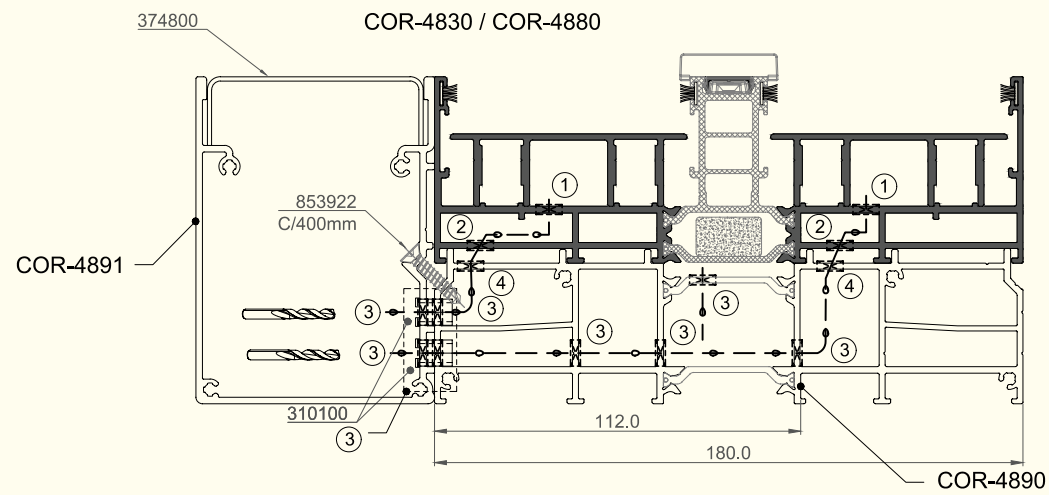
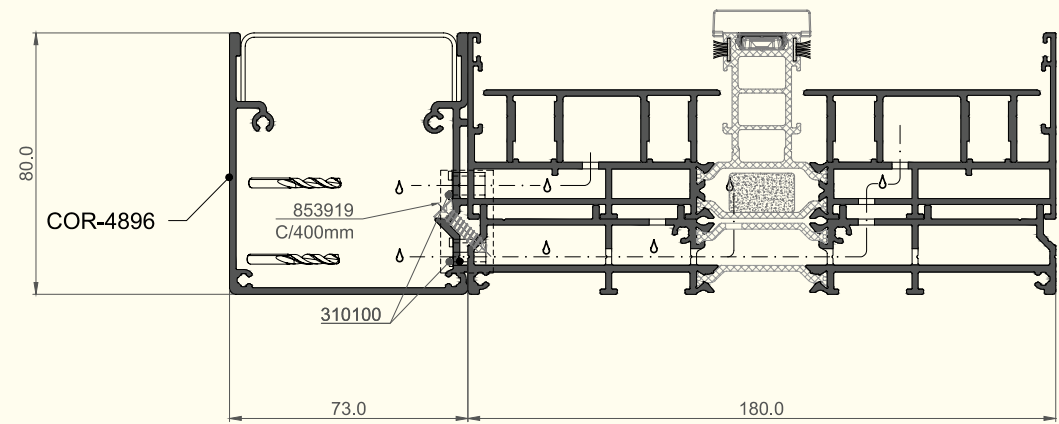
CENTRAL NODE



CORNER MOVING MULLION



GUTTER FOR DRAINAGE



MONO-RAIL FRAME (GALONDAGE)

