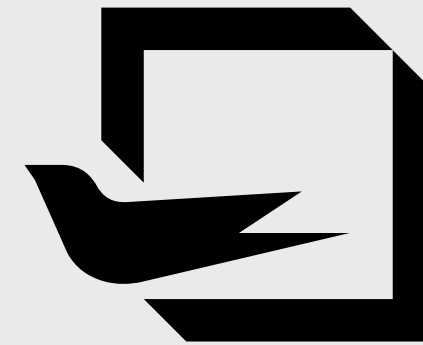


OptiHorizon



OPENING
NEW
HORIZONS

+31
years of experience

+70.000
square meters

+2.500
partners



Optimedia has been producing PVC and Aluminum joineries since 1994, amassing an impressive and modern production system. Since 2006, we have started exporting our products currently having more than 2.500 B2B partners worldwide.

OUR VISION:

To be a leader in the production of PVC and Aluminum joineries, offering support to all our partners. To achieve this, we have kept to our core principles, maintaining the quality of our products and the relationships with our partners as top priorities.

OUR MISSION:

To produce windows and doors that have certified and proven characteristics, manufactured and delivered to the highest market standards.



GUARDIAN GLASS is one of the largest and most innovative glass manufacturers in the world. Founded in 1932 in Detroit, Michigan, the company operates on five continents, serving more than 160 countries.

guardianglass.com



SAINT-GOBAIN GLASS is the european leader in the production of construction glass. The factory in Călărași, Romania, has the most modern float glass production line in Europe. The thermal, acoustic and security performances of SAINT-GOBAIN glazings recommends them for the most creative and original architectural solutions.

saint-gobain-glass.com

OptiHorizon

PRODUCT GEOMETRY

Frame depth: **4 5⁄8 in 2-rail frame**
7 1⁄8 in 3-rail frame
Sash depth: **1 1⁄2 in**
Central node: **1 in**

IGU OPTIONS

Double Pane
maximum IGU thickness: **1 1⁄8 in**

THERMAL PERFORMANCE

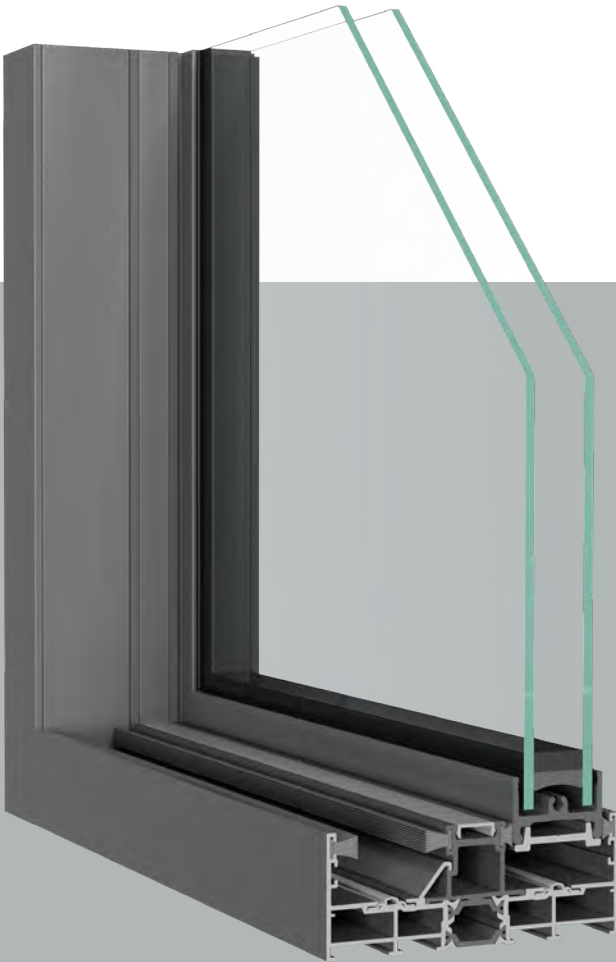
U_{factor} ≥ 0,23 Btu/h·ft²·F

MAX. ACOUSTIC PERFORMANCE

41 dB

OPENING STYLES

Multi-Slide Patio Door



*THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.

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 OptiHorizon system offers a variety of configuration options to meet all of our customers' technical and aesthetic requirements.

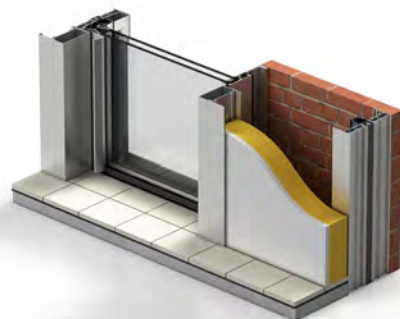
DRAINAGE SOLUTION



CENTRAL HANDLE



POCKET SLIDING DOOR



Speciale Configurations



OptiHorizon Plus

PRODUCT GEOMETRY

Frame depth: **7 1/8 in 2-rail frame**
11 in 3-rail frame
Sash depth: **2 3/4 in**
Central node: **1 in**

IGU OPTIONS

Double/Triple-Pane
maximum IGU thickness: **2 1/4 in**

THERMAL PERFORMANCE

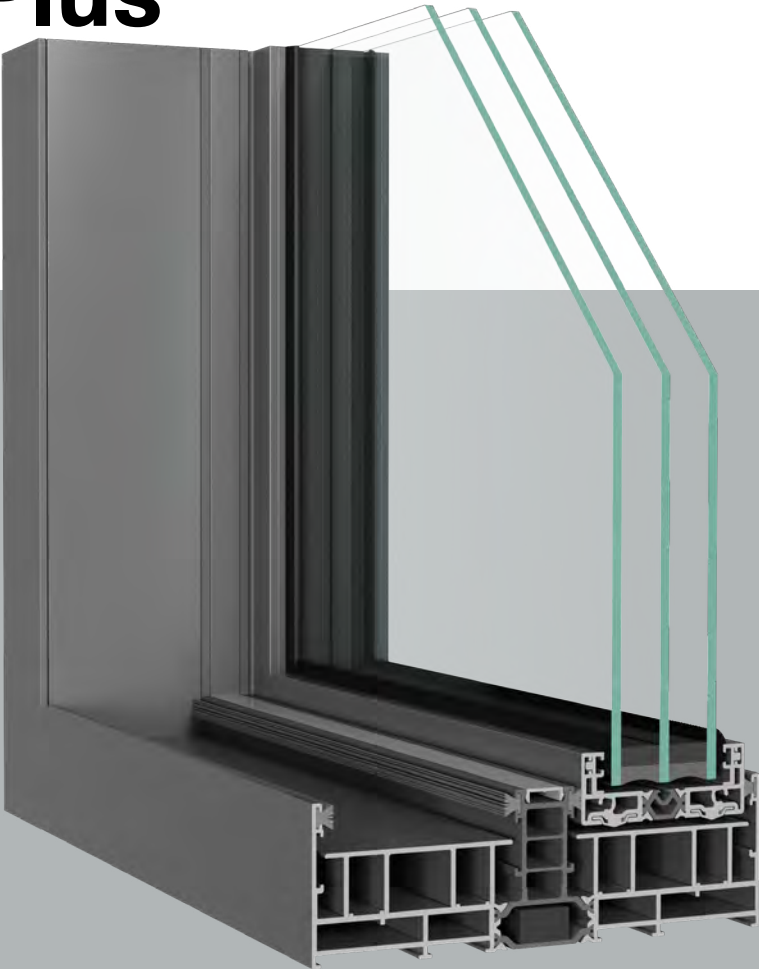
U_{factor} ≥ 0,16 Btu/h·ft²·F

MAX. ACOUSTIC PERFORMANCE

43 dB

OPENING STYLES

Multi-Slide Patio Door



*THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.

OptiHorizon 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.





Speciale Configurations

With OptiHorizon Plus the threshold can be embedded and seamlessly integrated into the floor—whether wood, paving, ceramic, or other materials—creating a smooth, obstacle-free transition between the interior and exterior of the home.

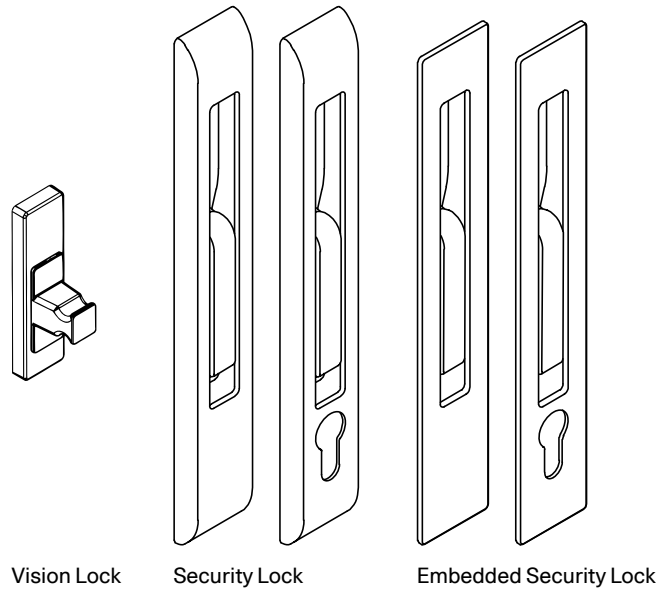
DRAINAGE SOLUTION



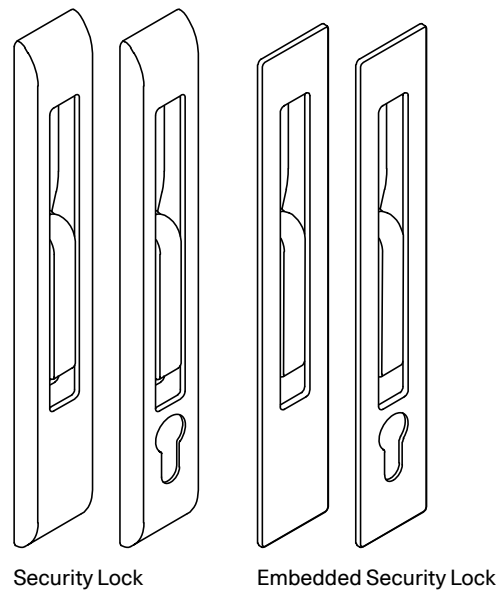


Hardware and Handles

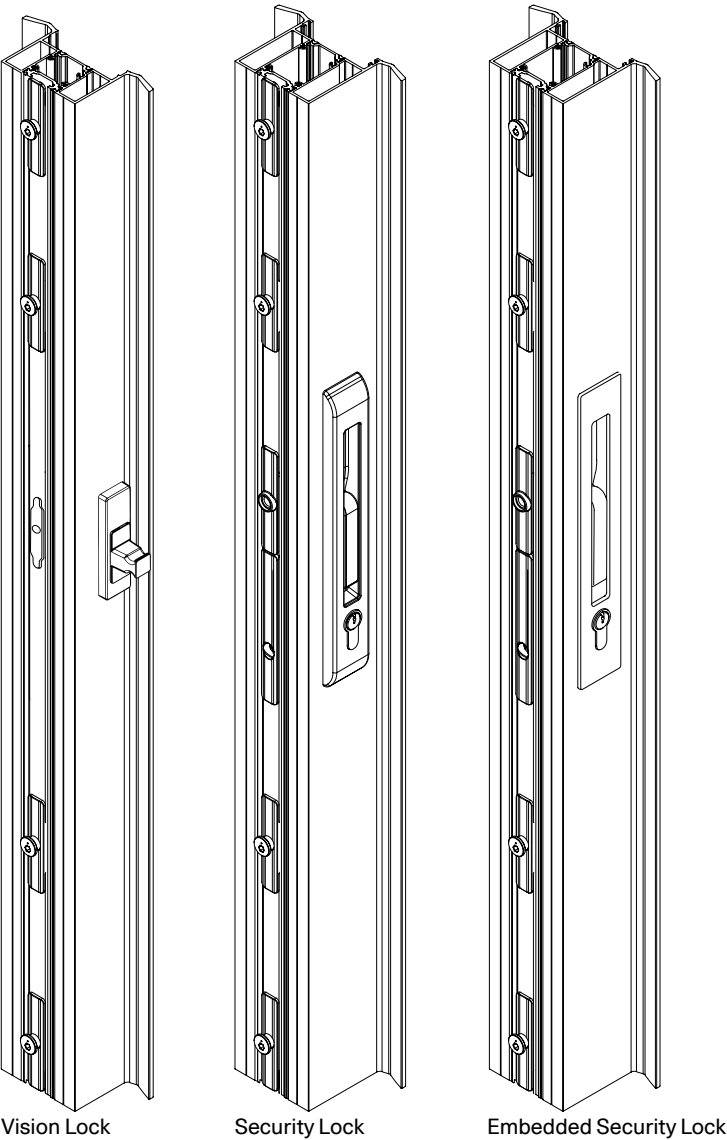
OPTIHORIZON HANDLES



OPTIHORIZON 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 represents approximately 80% of the a joinery's surface. Optimedia equips its products with Saint Gobain Glass or Guardian glazings that 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 their coating giving the space a touch of elegance.

GLASS OPTIONS

Choose the best solution for your project:

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.

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.



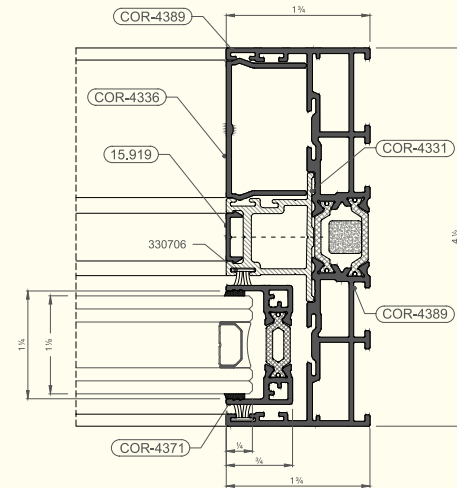
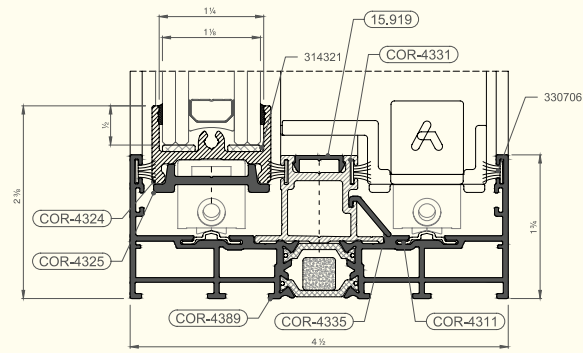
It is 5 times more resistant to tension, shocks and bending stresses compared to an ordinary or laminated glass of the same thickness.



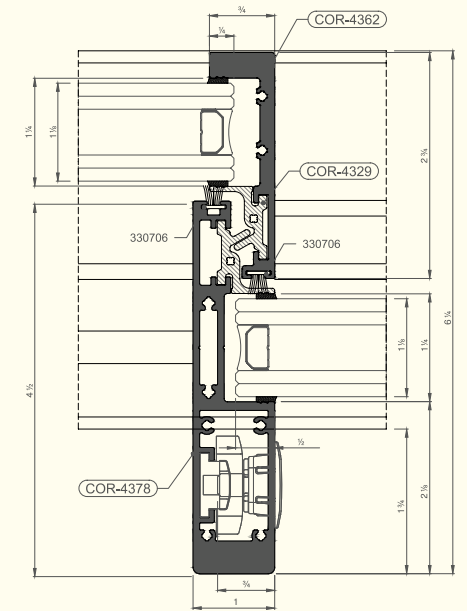
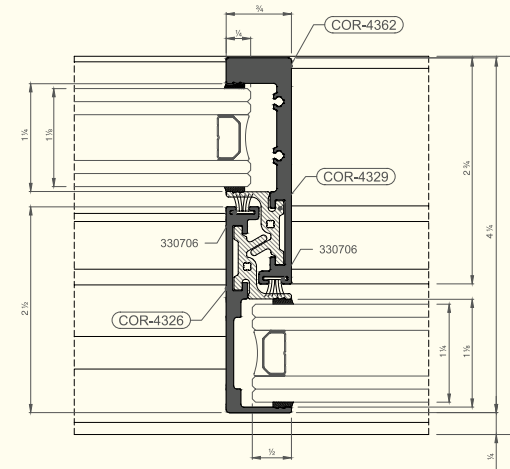
It reduces the risk of injury in case of breakage, by fragmenting into small, blunt pieces and limits the risk of break-ins.

Glass

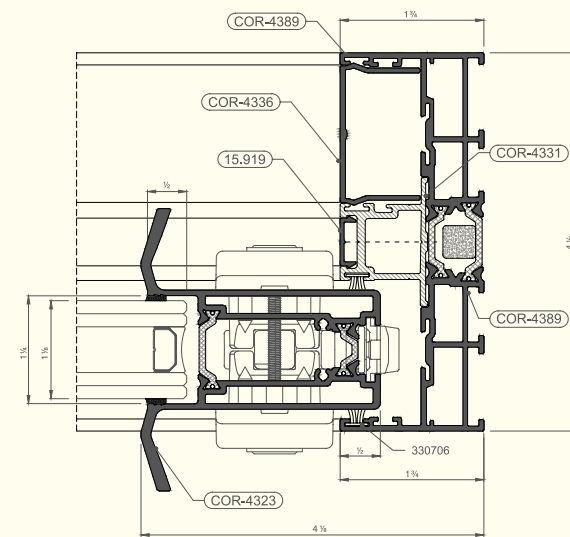
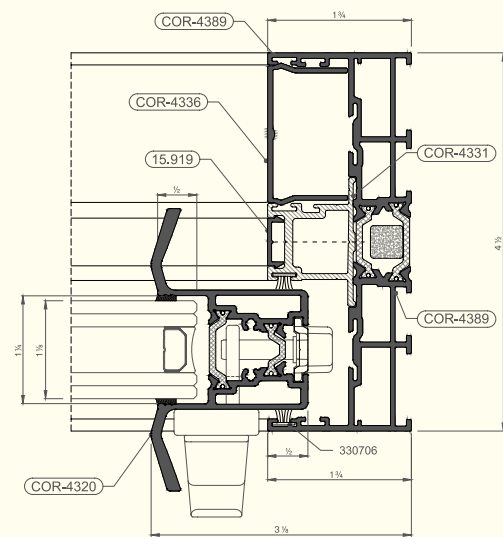
OptiHorizon



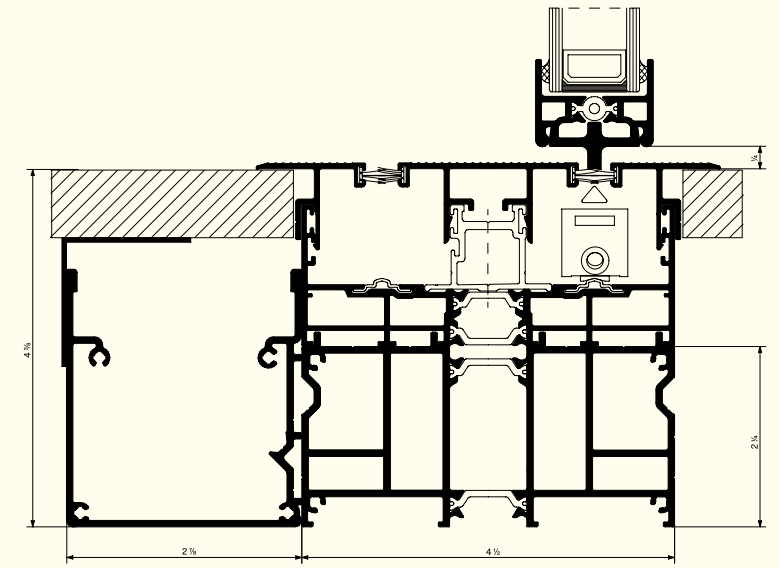
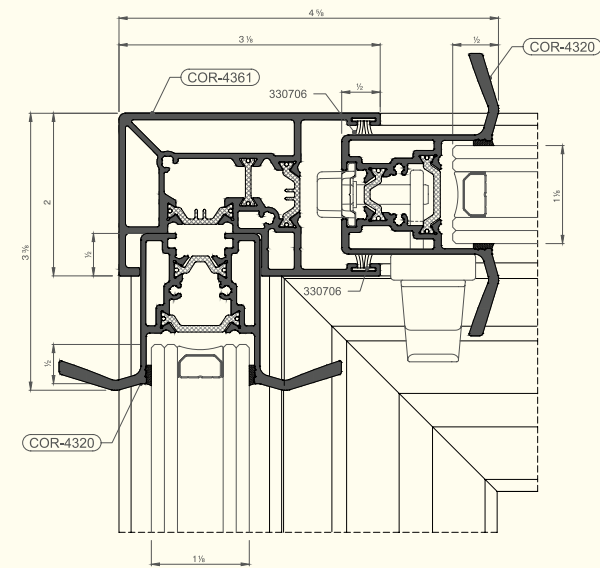
Central Node



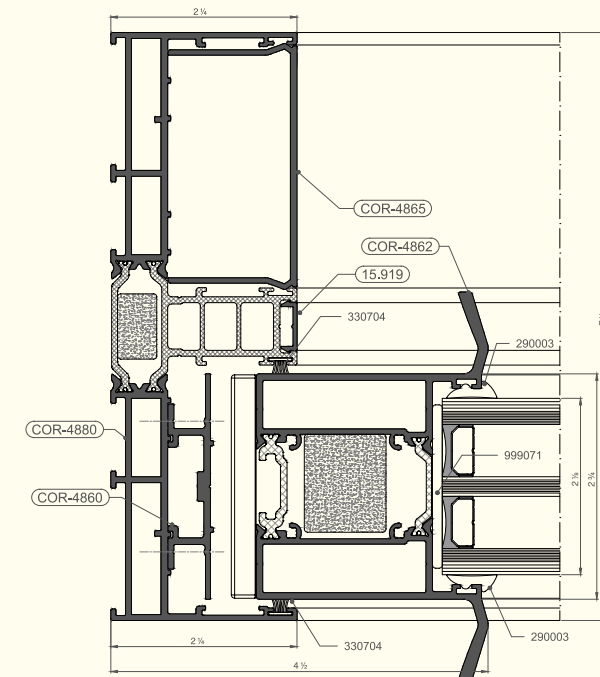
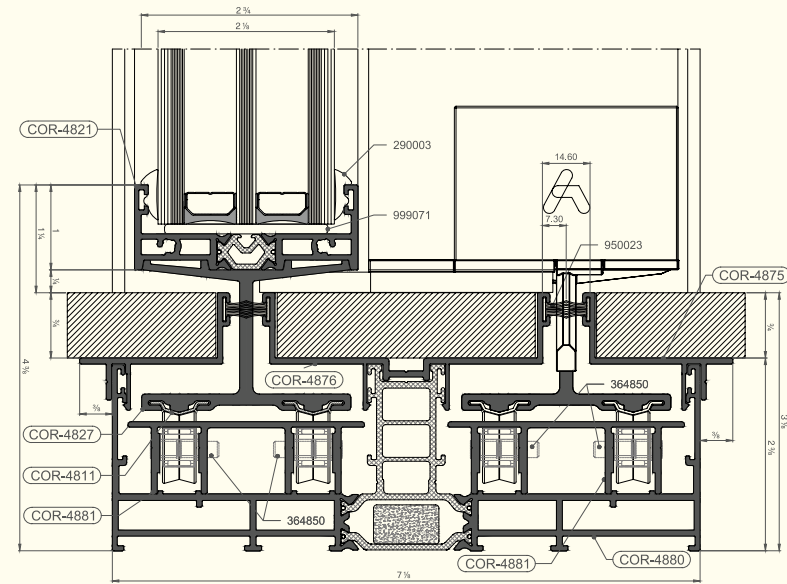
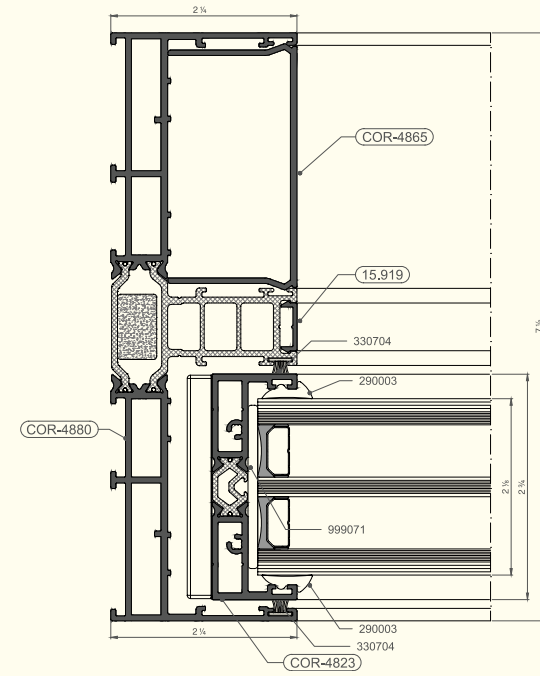
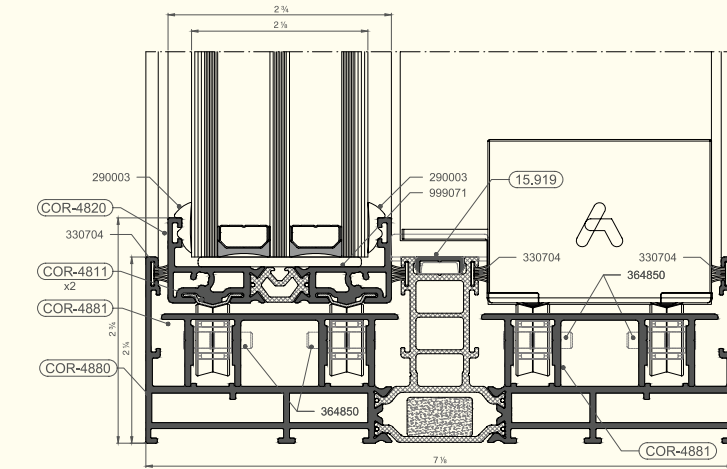
Corner Moving Mullion



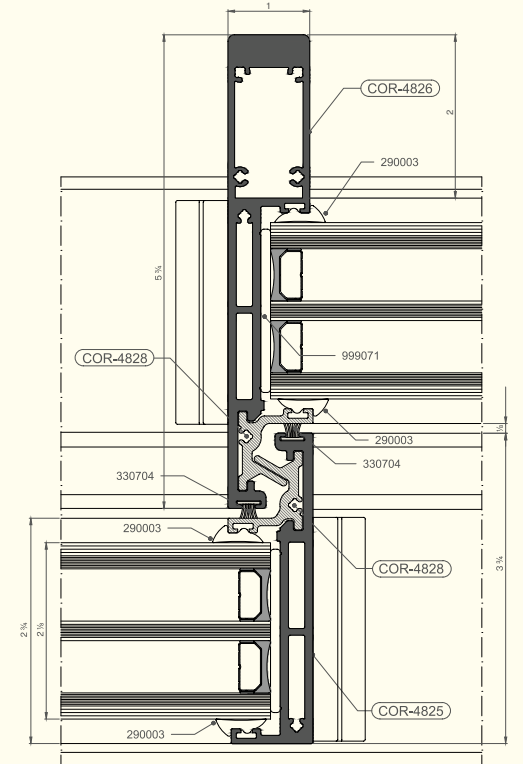
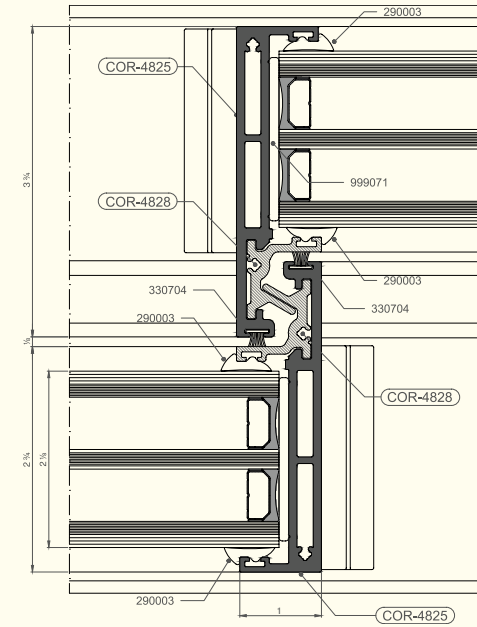
Integrated Threshold



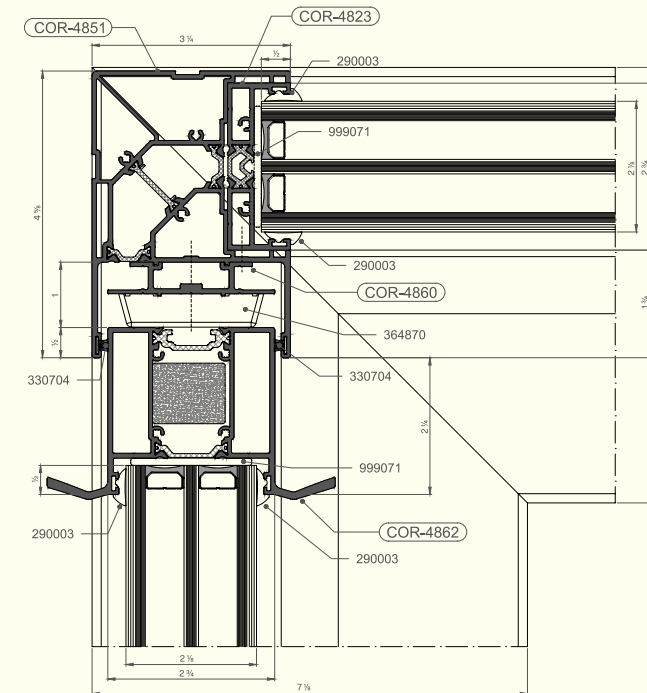
OptiHorizon Plus



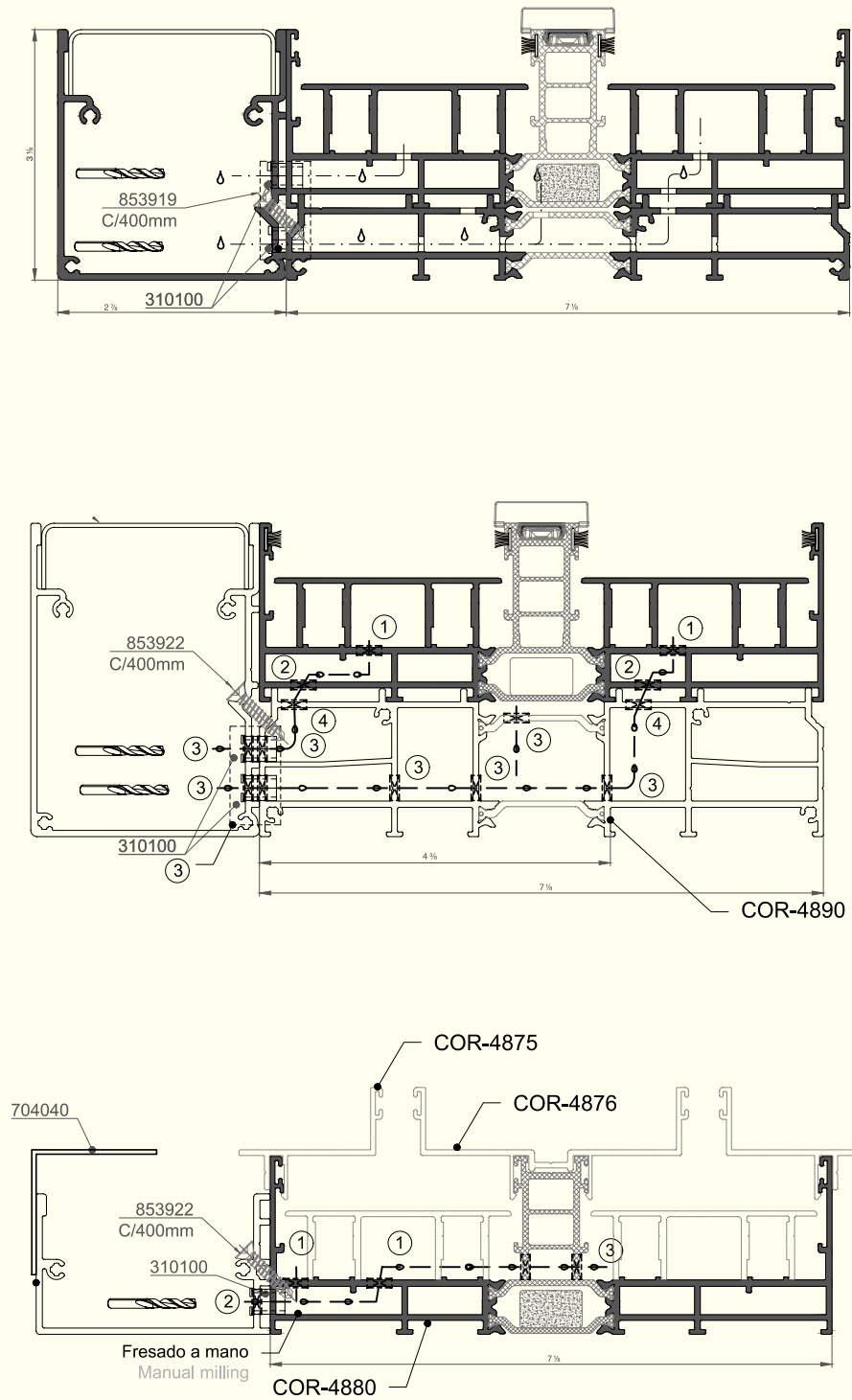
Central Node



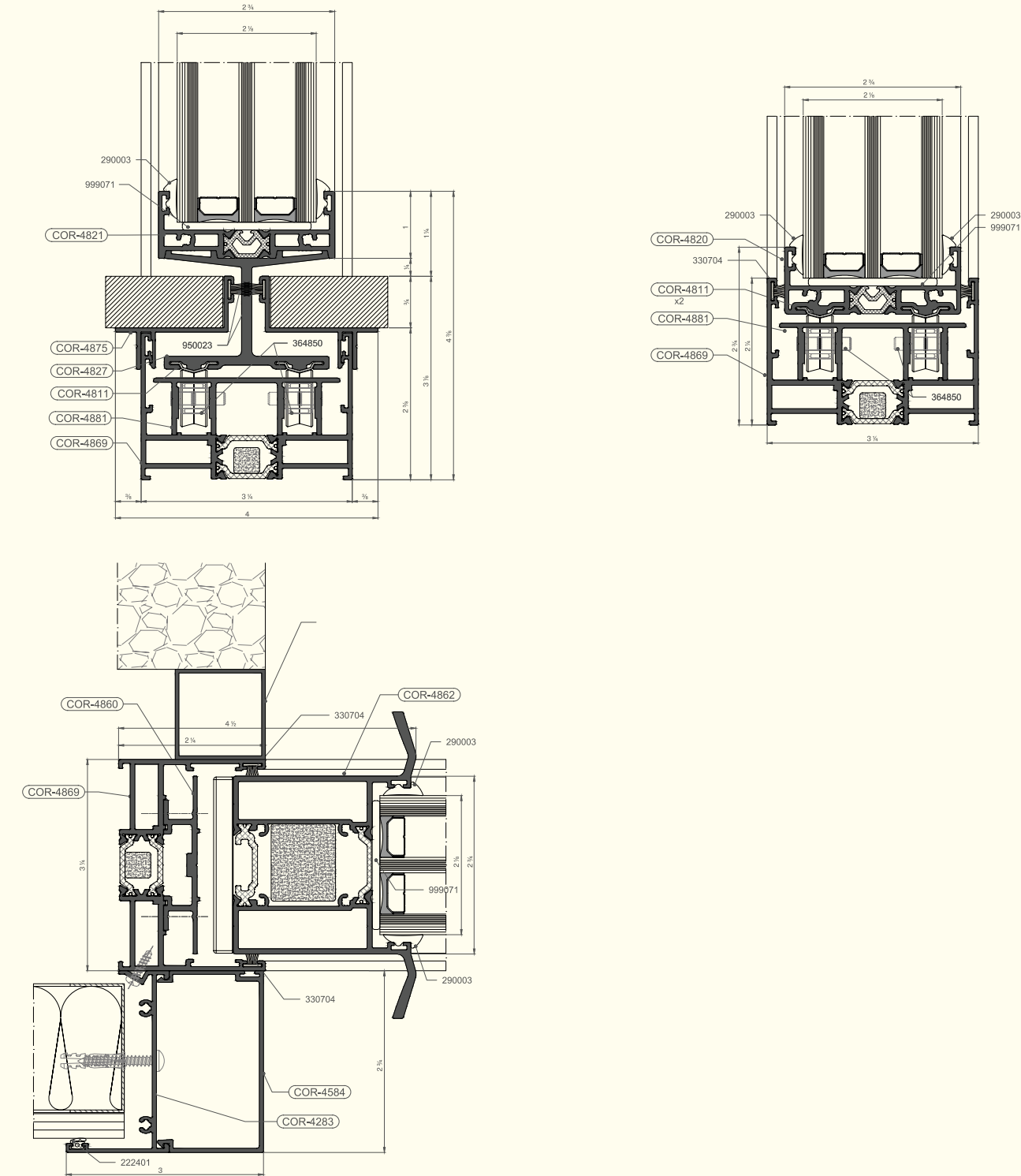
Corner Moving Mullion



Gutter for Drainage



Mono-Rail Frame (Pocket Door)



Join the Optimedia team

We are constantly recruiting agents to represent Optimedia. We export to all continents and offer extensive sales support and packages so you can be an exceptional dealer in your area.



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