

HYLINE

V I S I O N W I T H O U T B O U N D A R I E S

WATCH
VIDEO

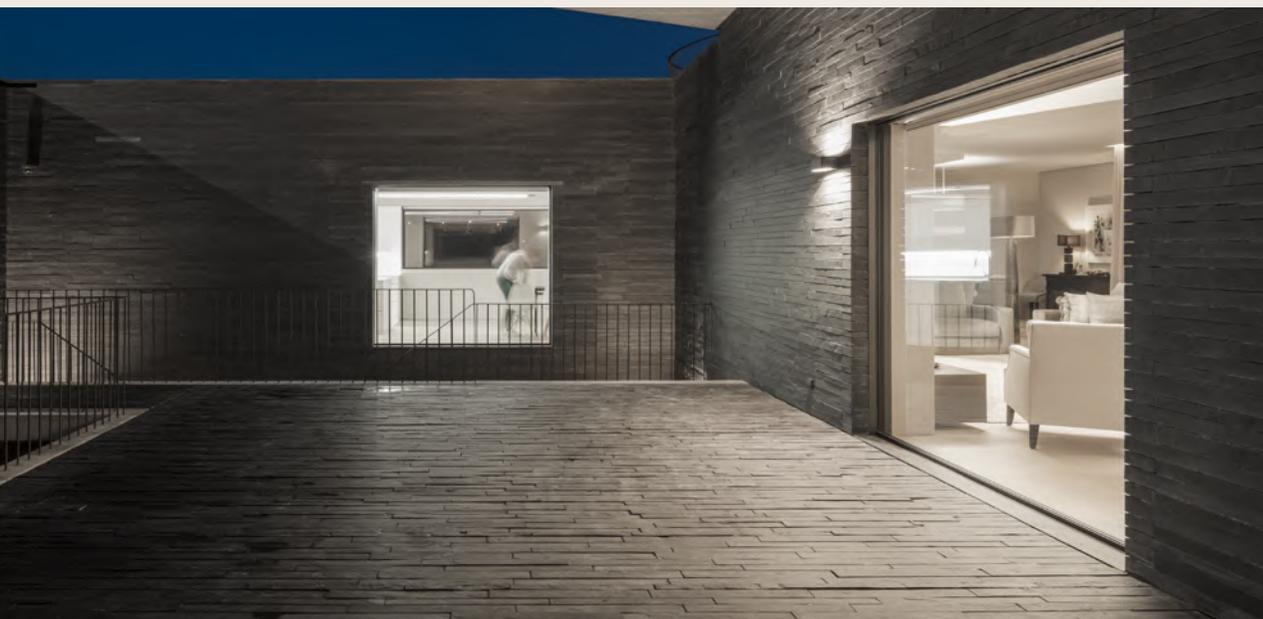
HYLINE CONCEPT

WATCH
VIDEO

HY30 ROMANDO

Vision Without Boundaries



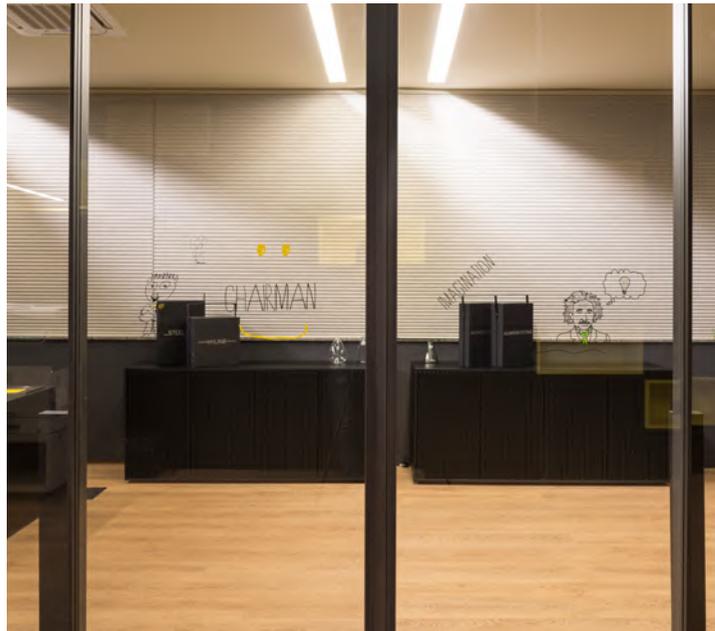
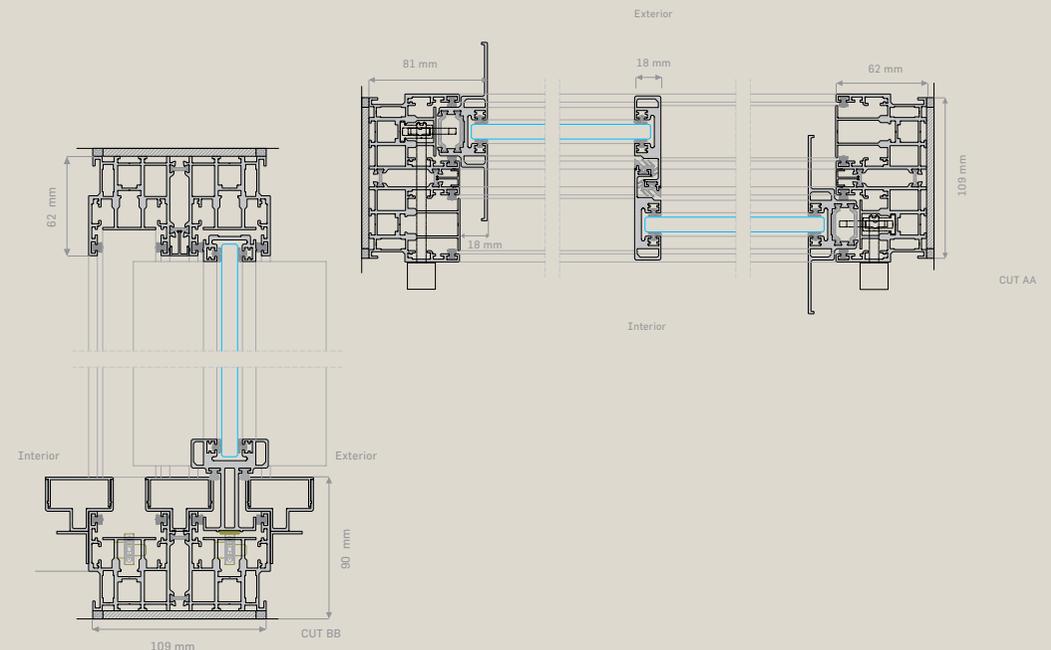


HYLINE perfect balance between design and functionality

The subject study of appropriate solutions to each work are a constant challenge. HYLINE is a system that can be customized. HYLINE performance and elegance provide a unique experience.

HYSLIM

Best suited for tropical, hot climates and ambiances that do not require thermal and acoustic insulation, HYSLIM SLIM has been developed for monolithic glass. It joins lightness, finesse and design. With only a gentle push from the fingertips the window slides gently giving way to a total unity of interior and exterior.



Brazil Show Room

Opening Options

Corner opening

Possibility of customized sliding windows

Maximum Dimensions

Width (W) = no limit

Height (H) = 6000 mm

Finishing

Lacquering in colors (RAL)

Lacquering wood imitation

Anodized

Glazing Maximum Dimensions

12 m²

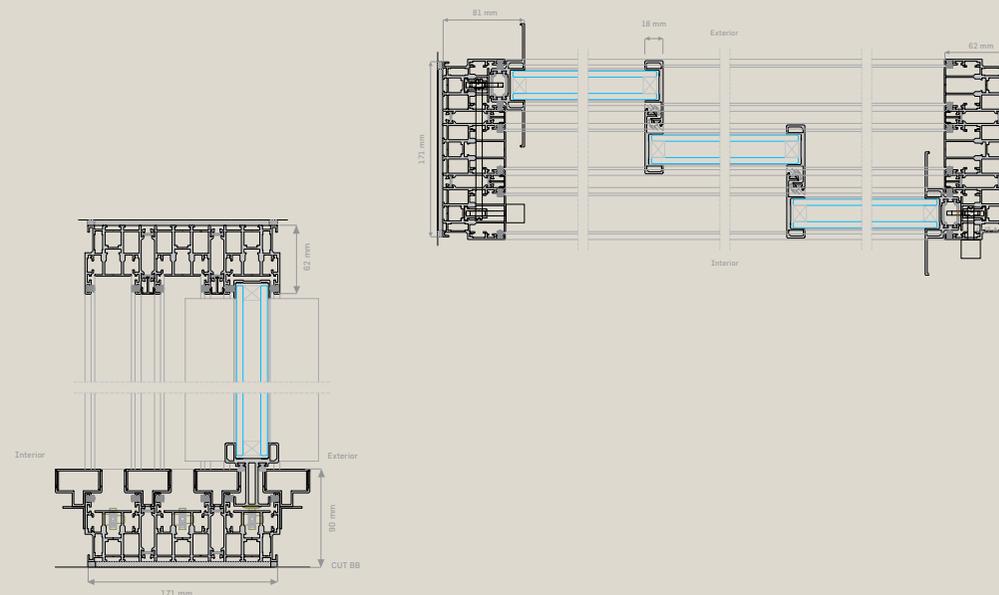
Maximum Weight

500 Kg/ML

Maximum box for glass: 18 mm
Unlimited number of vents and rails

HY30

This system is suited for exterior use, it offers an excellent acoustic, thermal and water tightness performance. The double-glazing thickness can go up to 28 mm. Fly screen, integrated panels are available options. A wide array of finishing options including cork, leather or wallpaper are available.



Romando Sushi Caffè | Marina de Vila do Conde

Opening Options

Corner opening
Possibility of customized sliding windows

Finishing

Bicoloration
Lacquering in colors (RAL)
Lacquering wood imitation
Anodized

Maximum Dimensions

Width (W) = no limit
Height (H) = 3500 mm

Double Glazing Maximum Dimensions

9 m²

Maximum Weight

500 Kg/ML

Thermal Transmittance

UW = 1,3 (W/m²K)

Ug = 0,7 (W/m²K)

Acoustic Performance

Rw = 37 dB

Air Permeability

(EN 12207 : 2000) : Class 3

Watertightness

(EN 12208 : 2000) : Class 7A

Wind resistance

(EN 12210 : 2000) : Class B2

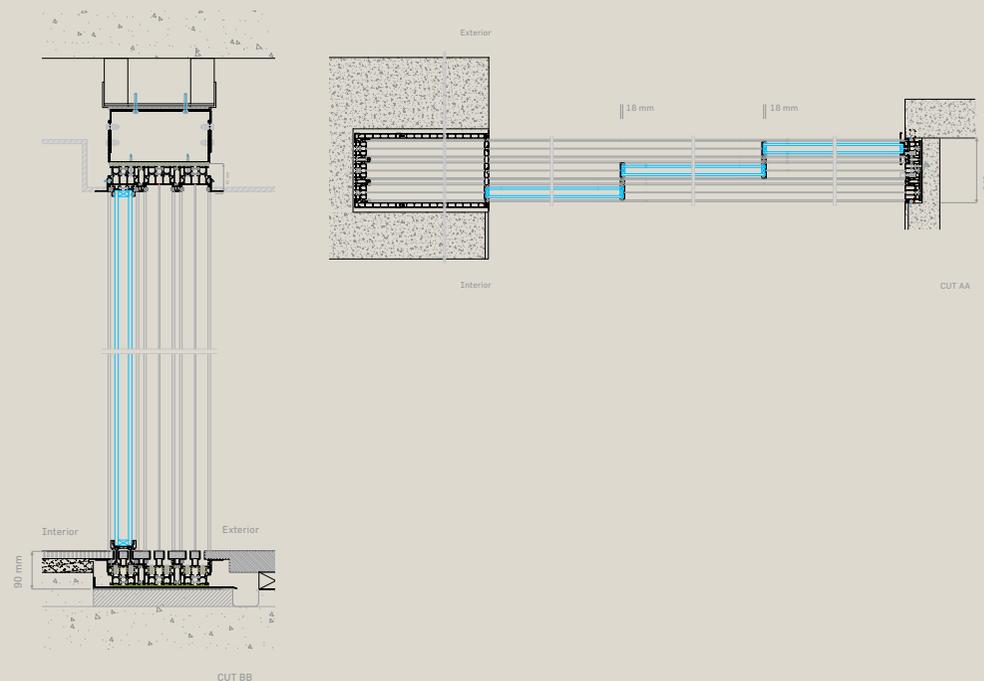
*bi rail tests (3000 x 3000 mm)

Maximum box for glass: 28 mm

Unlimited number of vents and rails

HY40

This series is suitable for exterior use. It offers an excellent thermal, acoustic and water tightness performances. With an absolute elegance, the frame disappears thanks to its central mullion of 18 mm, the thinnest of the market. Its frame integrated in the floor is completely hidden in the ground. This structure allows the integration of blinds, blackout (completely hidden) or screen (translucent). Fly screens and shutters are part of the options. Perfectly studied for very large dimensions, the system is suitable for double and triple glazing up to 18 m². To increase comfort and safety we have the possibility of motorization, automatic and electromagnetic lock which may incorporate a controlled ventilation. Exclusive finishes give a perfect touch to the frame as the color or texture of cork or leather.



Brazil | Arq. Roberto Migotto

Opening Options

- Corner opening
- Possibility of customized sliding windows
- Automatic Opening

Finishing

- Bicoloration
- Lacquering in colors (RAL)
- Lacquering wood imitation
- Anodized

Maximum Dimensions

- Width (W) - no limit
- Height (H) - 6000 mm

Double Glazing Maximum Dimensions

18 m²

Maximum Weight

1000 Kg/ML

Thermal Transmittance

UW - 1,3 (W/m²K)

Ug - 0,7 (W/m²K)

Acoustic Performance

Rw - 36 dB

Air Permeability

(EN 12207 : 2000) : Class 3

Watertightness

(EN 12208 : 2000) : Class 8A

Wind resistance

(EN 12210 : 2000) : Class C3

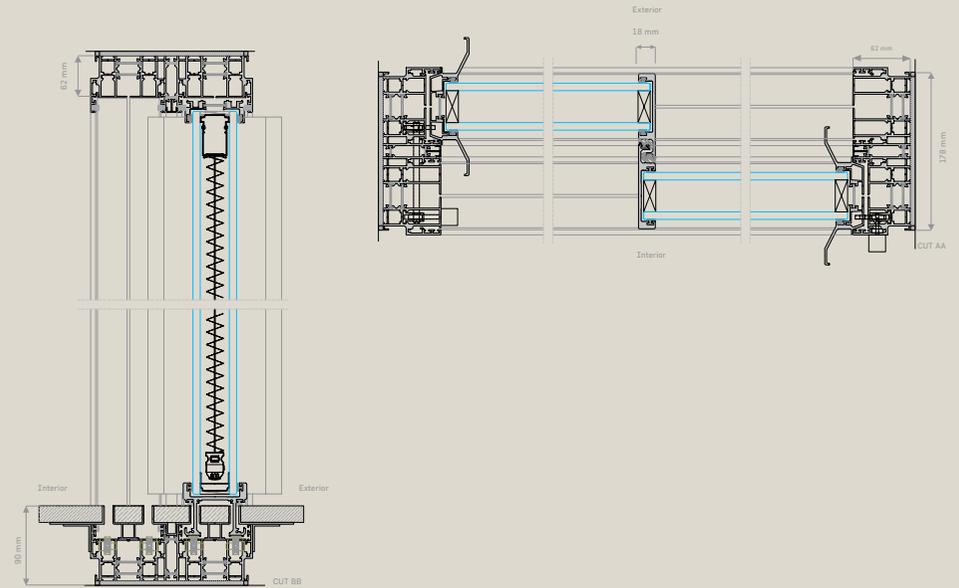
[Watch video here](#)

Maximum box for glass: 48 mm

Unlimited number of vents and rails

HY50

This series has higher acoustic, thermal and water tightness performances. Its structure allows the inclusion of Blackouts, blinds and screens. Fly screens, and shutters are also a part of the options. HYLIN 50 was studied for very big dimensions, up to 18 m² and enables the use of double or triple glazing with bulletproof glass option. This series is perfect for Nordic, cold and more demanding climates bringing more comfort and security.



Villa Ama | Arq. Laurence Sonck, França

Opening Options

Possibility of customized sliding windows
Automatic Opening

Finishing

Bicoloration
Lacquering in colors (RAL)
Lacquering wood imitation
Anodized

Maximum Dimensions

Width (W) - no limit
Height (H) - 6000 mm

Double Glazing Maximum Dimensions

18 m²

Maximum Weight

1000 Kg/ML

Thermal Transmittance

UW - 1,05 (W/m²K)
Ug - 0,5 (W/m²K)

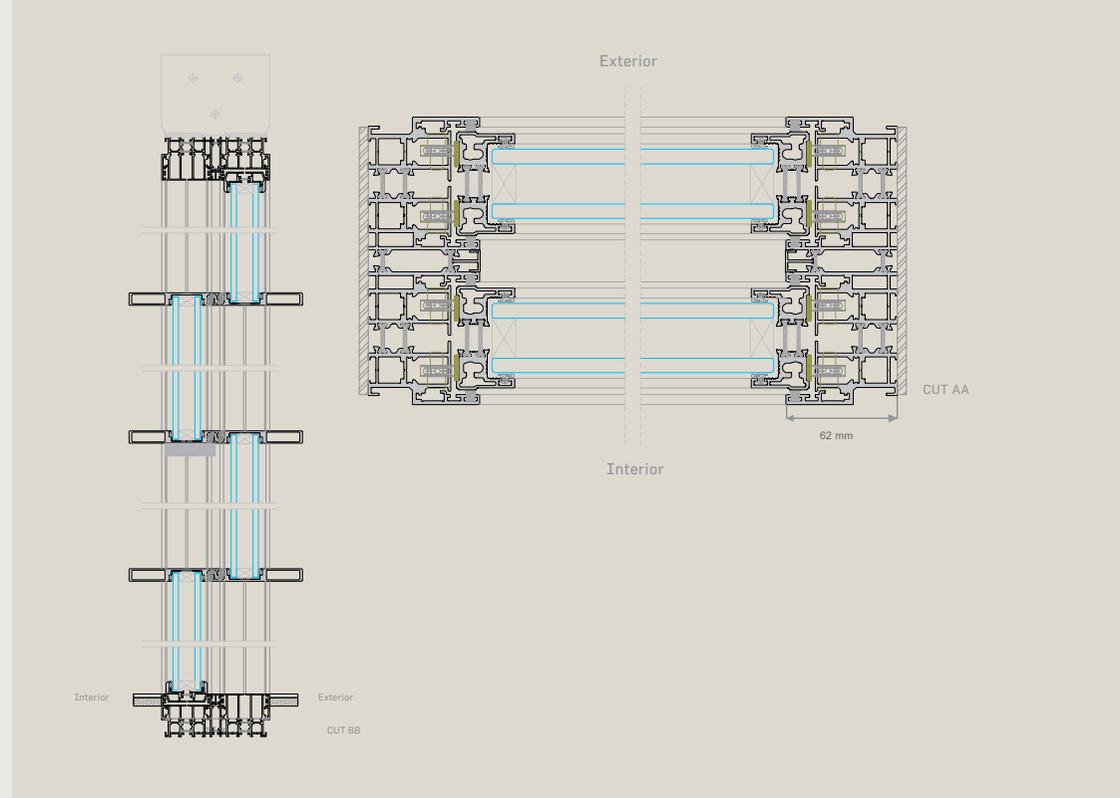
Maximum box for glass: 48 mm
Unlimited number of vents and rails

HYGUI

This system offers maximum free space without boundaries with the same quality and esthetics that defines the HYLINE system. The HYGUI can slide up or down disappearing completely. It's a system that allows transitions between interior and exterior with bigger amplitude without obstacles. This solution allows movable vents up to 340 kg and because of its perfect balance, it can be moved manually without effort or automatically. This system offers various configurations, and can be adapted to the needs of our clients.

HYECMA

The 2500 Kg vertical slider disappears. Adjusted natural ventilation, vertical integrated opening, HYLINE has gone even further proposing a new solution pushing the boundaries of the glass to the extreme. Like so, the glass can be retracted automatically, opening new and immense perspectives.



Vertical Opening System

Opening Options

Vertical Opening with
or without pocket

Finishing

Bicoloration
Lacquering in colors (RAL)
Lacquering wood imitation
Anodized

Maximum Weight

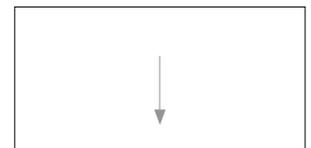
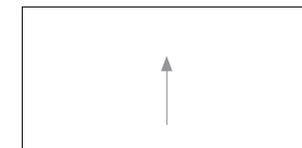
340 Kg per vent

[Watch video here](#)

Maximum box for glass: 38 mm

Unlimited number of vents and rails

HYECMA



Opening Options

Automatic Opening

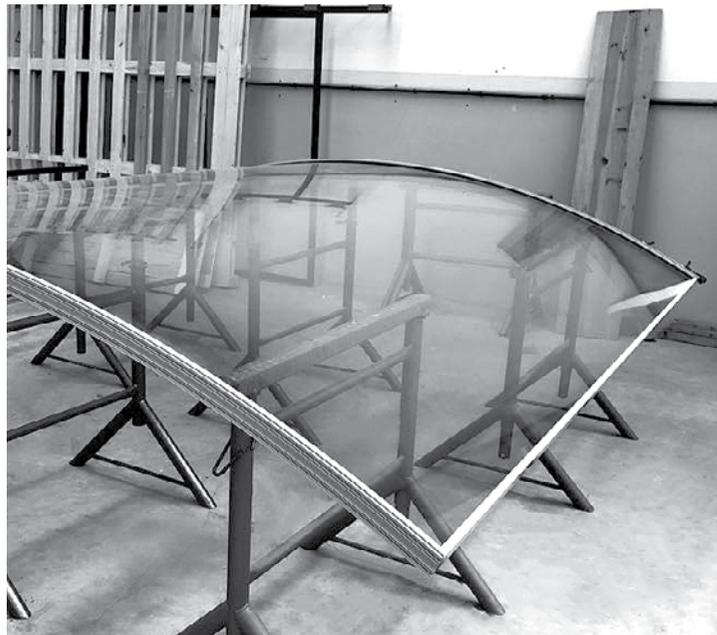
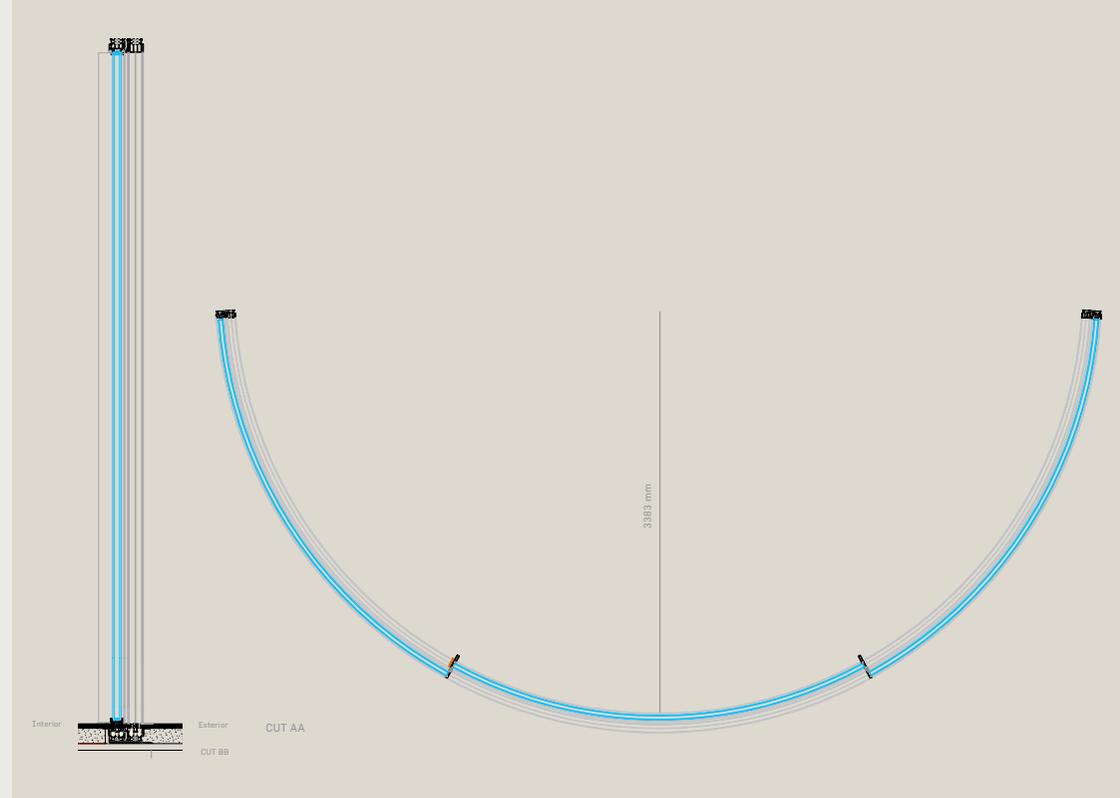
Maximum Weight

2500 Kg per vent

[Watch video here](#)

HYARC

An innovative HYLINÉ sliding system, ideal for those looking for the opposite of the linearity of the traditional architecture. With excellent thermal and acoustic performance, curved glass panels allows you to open a number of options in contemporary architecture. It's installation is possible inside and outside. It is possible to soften the contours of a room, as well as to revolutionize the facade, opening an infinite world of customizations with organic forms.



Portugal Showroom

Opening Options

- Corner opening
- Possibility of customized sliding windows
- Automatic Opening

Finishing

- Bicoloration
- Lacquering in colors (RAL)
- Lacquering wood imitation
- Anodized

Maximum Dimensions

- Width (W) - no limit
- Height (H) - 6000 mm

Double Glazing Maximum Dimensions

10 m² >- under consultation

Maximum Weight

1000 Kg/ML

Thermal Transmittance

UW - 1,13 (W/m²K)

Ug - 0,7 (W/m²K)

Specific product under consulting

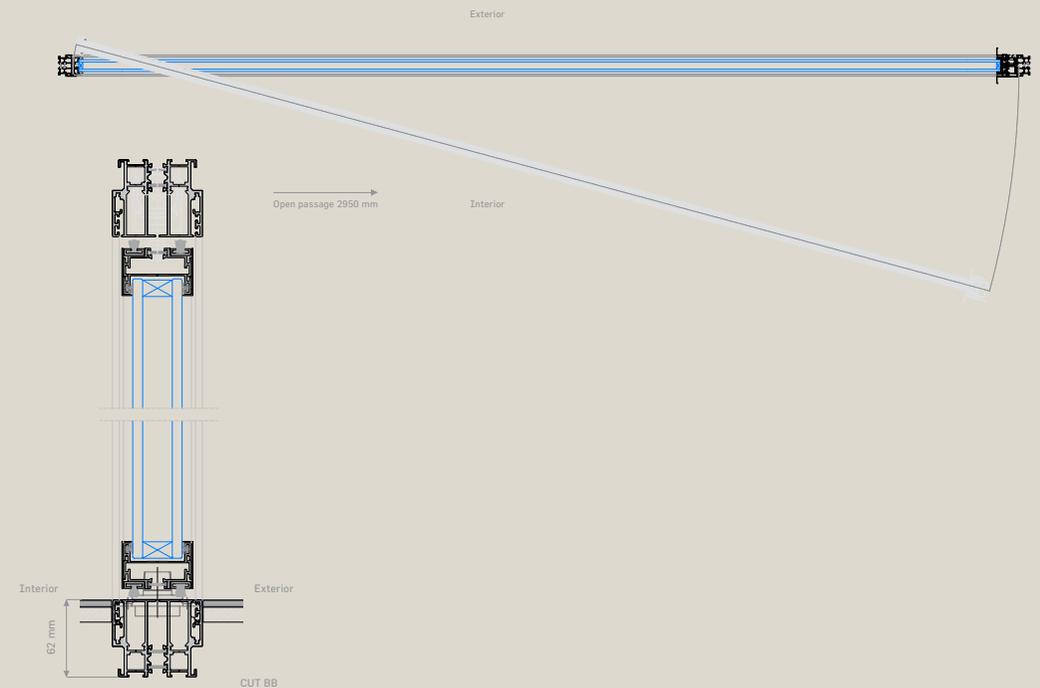
Special deliever date

Maximum box for glass: 38 mm

Unlimited number of vents and rails

HYPI

This product was specially developed for big main entrance doors. The vent turns softly and silently around a vertical axis. No more hinges or additional hardware. The main advantage of this system is the possibility to make wide open areas. It's possible to customize each door to the clients' needs. After all, in HYLIN details make the difference.



NOARQ | Santo Tirso

Opening Options

Pivotant Opening

Finishing

Bicoloration

Lacquering in colors (RAL)

Lacquering wood imitation

Anodized

Maximum Dimensions

Width (W) - 3200 mm

Height (H) - 3200 mm

Limited box for glass: 38 mm

Opening Options

Vertical Opening with
or without pocket

Finishing

Bicoloration

Lacquering in colors (RAL)

Lacquering wood imitation

Anodized

Maximum Weight

300 Kg per vent

[Watch video here](#)

NEW PRODUCT

NEW SYSTEM IN DEVELOPMENT

	HYLINE 50	HYLINE 40	HYLINE 30	HYLINE SLIM
UNLIMITED RAIL NUMBER / DIMENSIONLESS LIMIT	●	●	●	●
HYMOTOR OCCULT MOTOR WITH TECHNICAL RESERVE	●	●		
APPS IN DEVELOPMENT	●	●		
HYFLOOR STANDARD	●	●	●	●
HYFLOOR ALIGNED	●	●	●	●
HYFLOOR INTEGRATED	●	●	●	●
HYCORNER	●	●	●	●
HYLOCK MANUAL	●	●	●	●
HYLOCK AUTO	●	●		
HYLOCK ELECTROMAGNETIC	●	●		
HYSUNCONTROL BLACKOUT SCREEN	●	●		
SHUTTERS	●	●	●	●
HYFLY		●	●	
MAXIMUM DIMENSIONS PER VENT (wXH)	no limit X 6000	no limit X 6000	no limit X 3500	3500X3250



HYLINE Exclusivity

We have a product where the solutions can always be customized and form follows function (proto-modern architect Louis Sullivan), and the transparency is the common denominator. The window is assumed with a minimalist language, based on the assumptions of modern architecture. Where simplicity, transparency and innovation brought by architects such as Mies van der Rohe and Le Corbusier build the rational but differentiated, approach of this product that looks to the past foundations in order to renew the future.

— HYFloor

— HYMove

— HYCorner 90°

— HYPocket

— HYLock System

— HYControl Lock

— HYLock Deluxe

— HYKey System

— HYSecurity

— HYHandle

— HYMotor

— Reduced Central Mullion

— Multiples Types of Openings

— Unlimited number of tracks

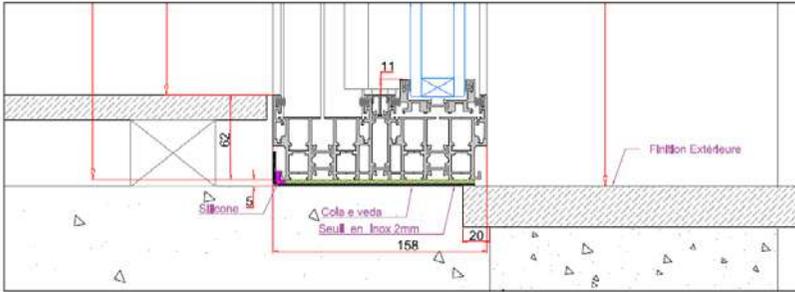
— HYSun Control

— HYFLY

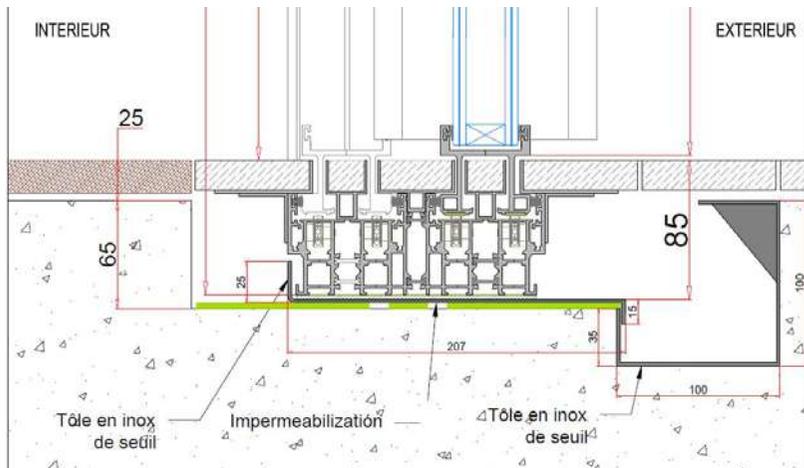
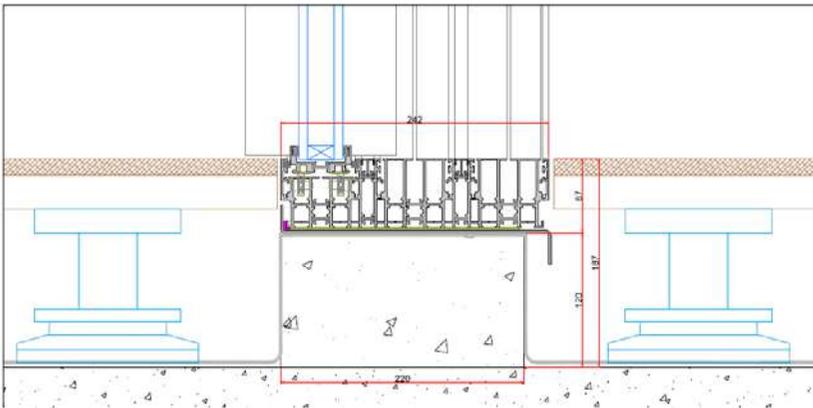
— Pre-Frames

— Thresholds

Differentiating and
innovative Systems

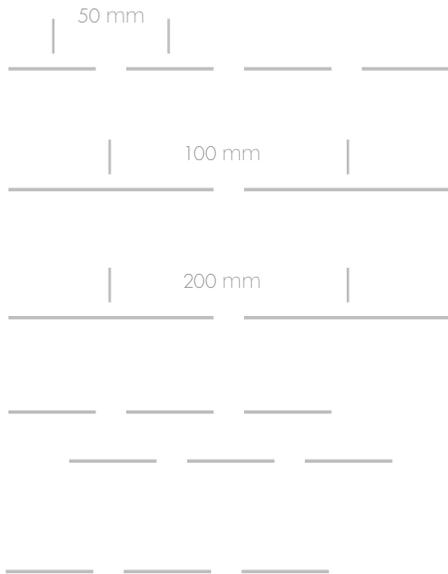


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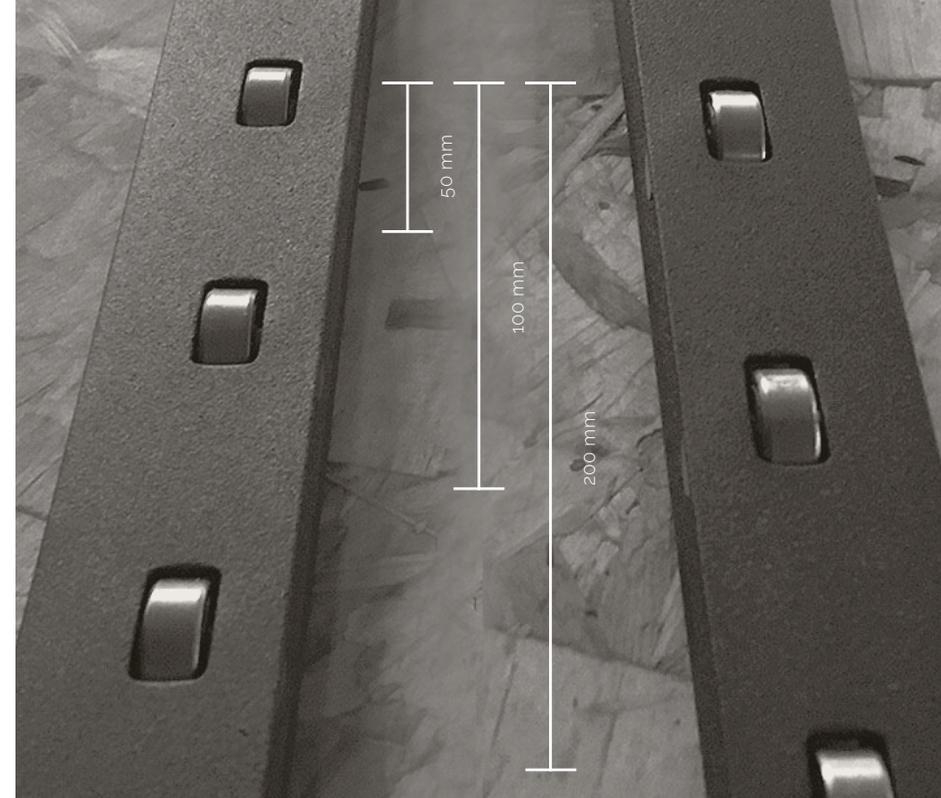
HYFloor

Bearings Schematic Drawing



HY40 + HY50 + HYINV

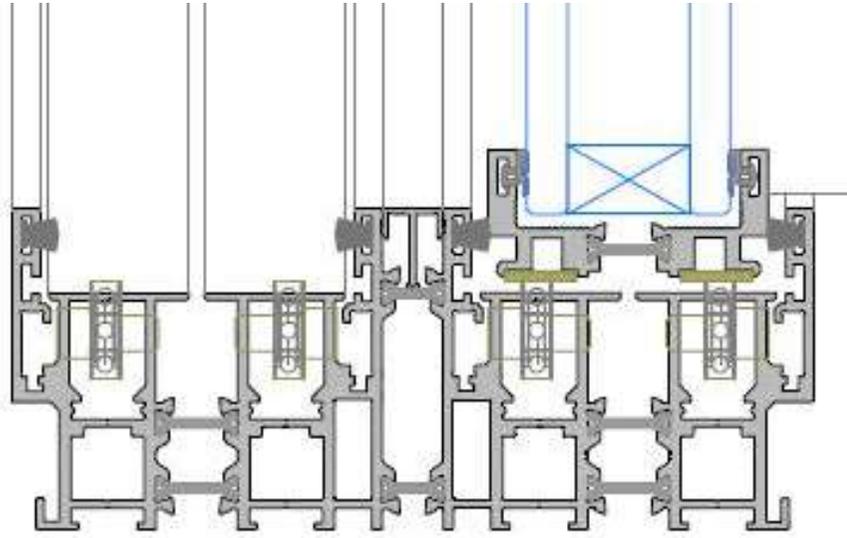
HY30 + HYSLIM



HYMove

Independent profile housing bearings;
Stainless steel bearings; Number of bearings is calculated according to the width, eight and weight of the vent;
Maximum Load allowed per bearing:
200 kg;

Maximum Load per 1000 kg/ML.



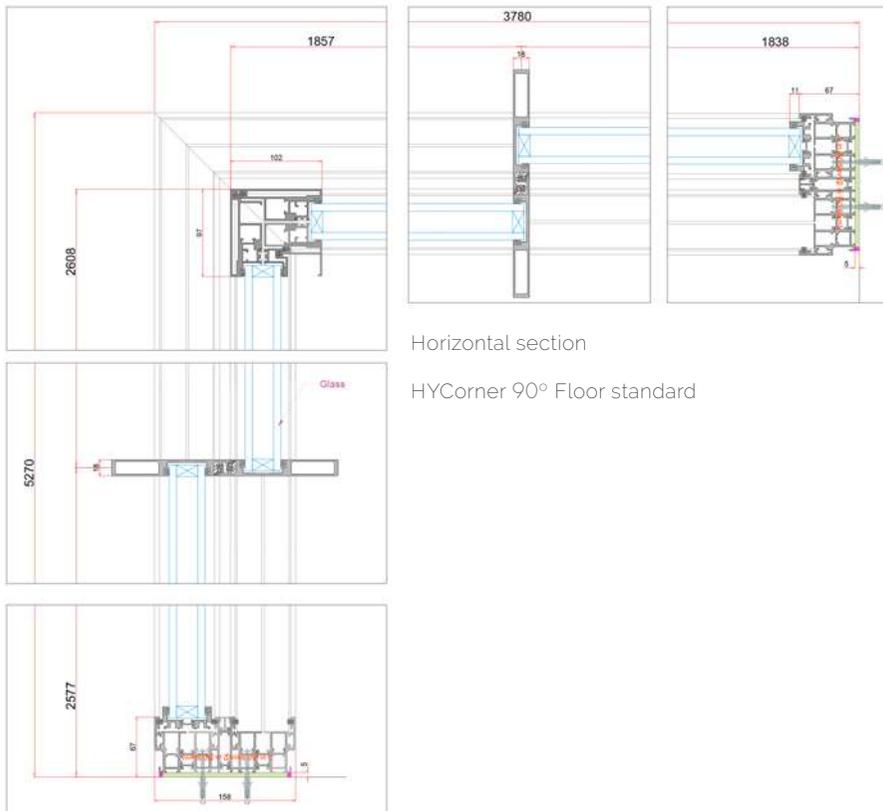
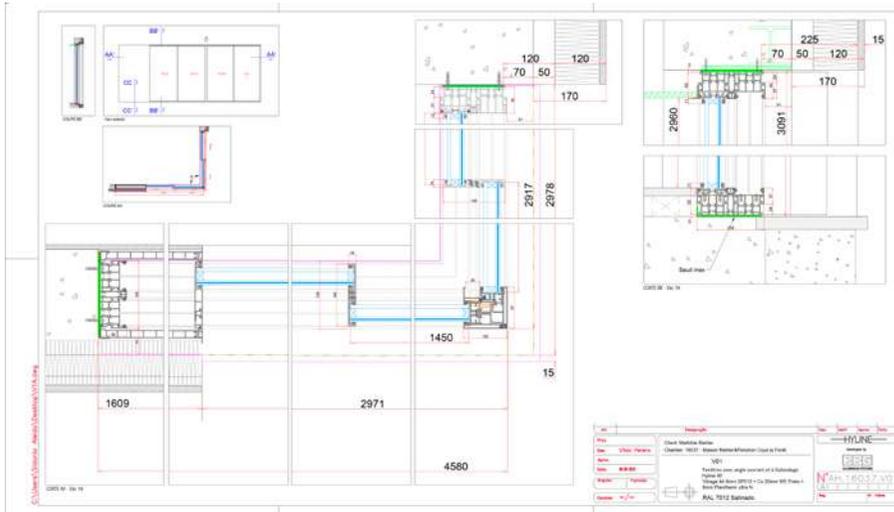
Horizontal Section



HYMove

Independent profile housing bearings;
Stainless steel bearings; Number of bearings is calculated according to the width, weight and weight of the vent;
Maximum Load allowed per bearing:
200 kg;

Maximum Load per 1000 kg/ML.



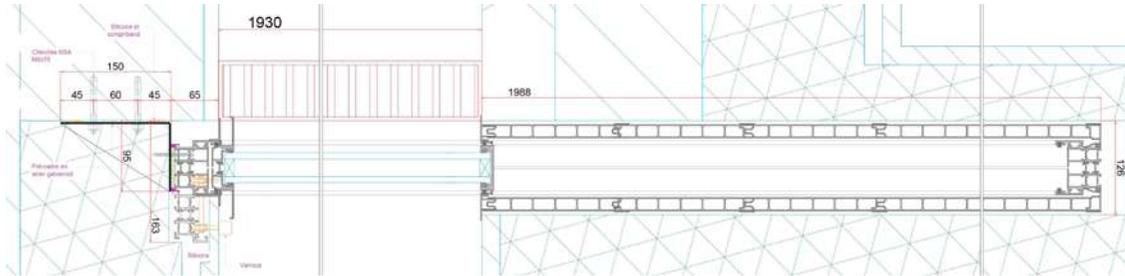
Horizontal section

HYCorner 90° Floor standard

HYCorner 90°

Possibility of opening at 90° without a fixed corner profile. Possibility of opening with or without a key. It enables optimal sealing and window efficiency. Available in HY30 and HY40 systems.

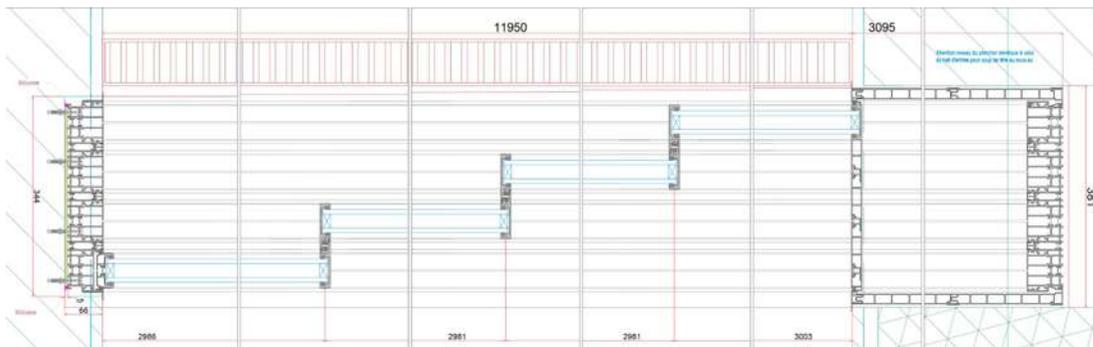
[Watch video here](#)



MONORAIL HORIZONTAL SECTION



BIRAIL HORIZONTAL SECTION



QUADRIRAIL HORIZONTAL SECTION



HYPocket

The system allows you to hide all the vents, totally or partially inside the pocket, regardless of the number of vents used.



APPS



DIGICODE



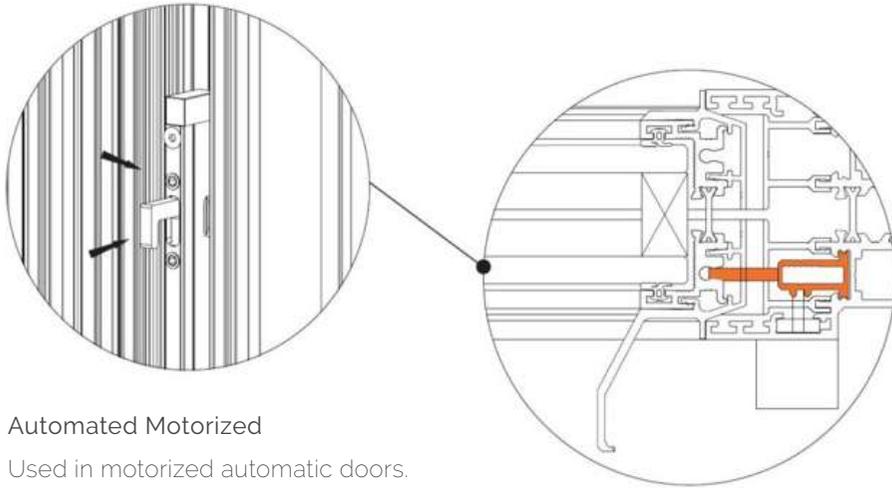
AUTOMATED BUTTON



HYLock System

HYKeyless System

You can integrate a key lock, thus ensuring greater security and control.



Automated Motorized

Used in motorized automatic doors.

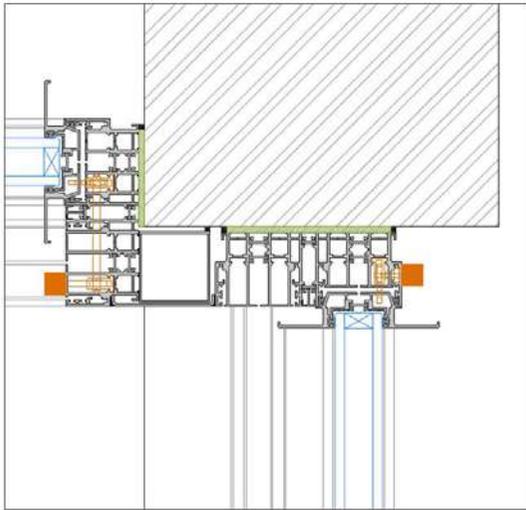
Note: In case of electrical cut-off,
the maneuver can be performed manually.



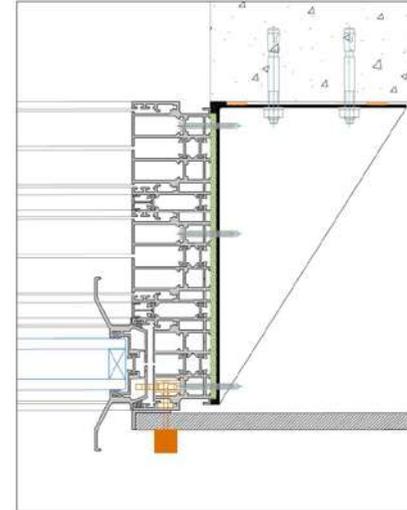
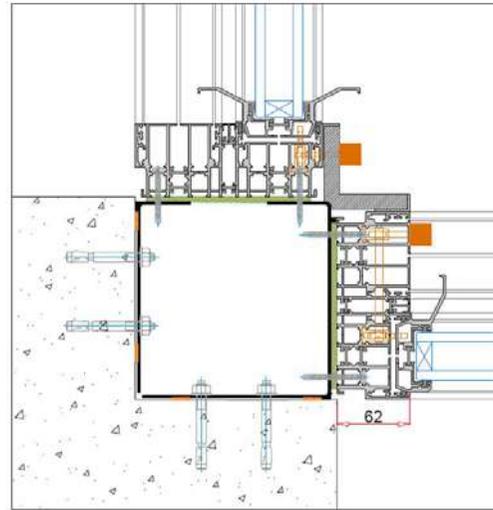
HYLock System

HyControl Lock

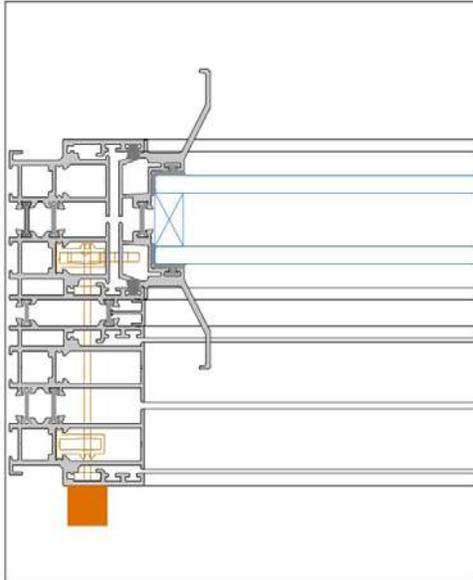
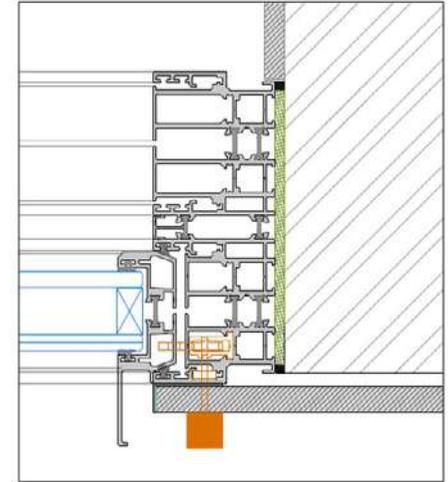
Multi-point locking system



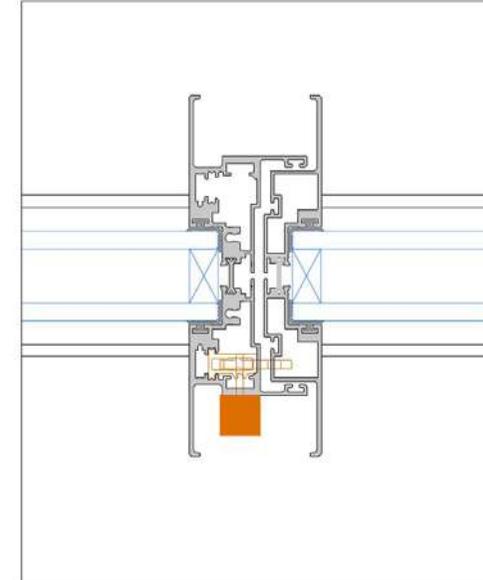
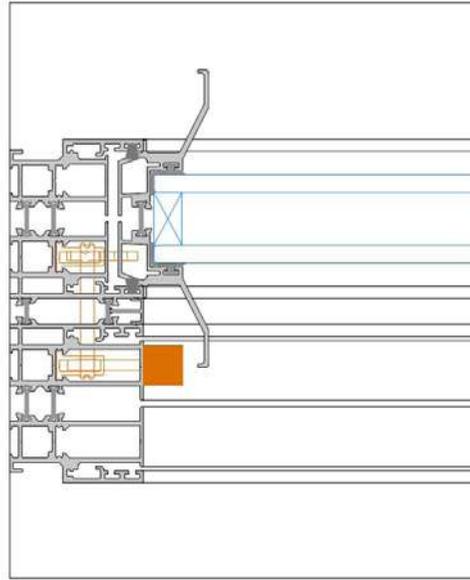
HORIZONTAL SECTION



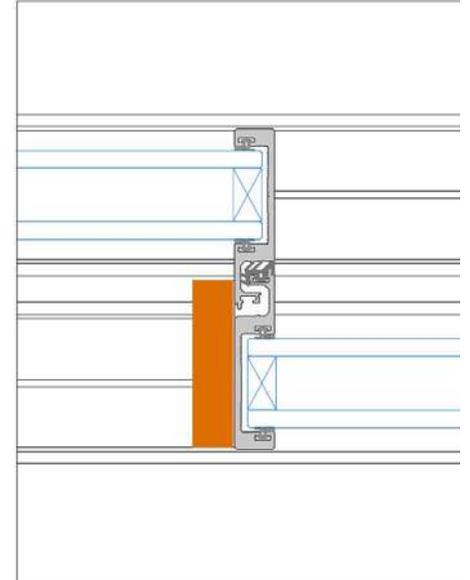
HORIZONTAL SECTION

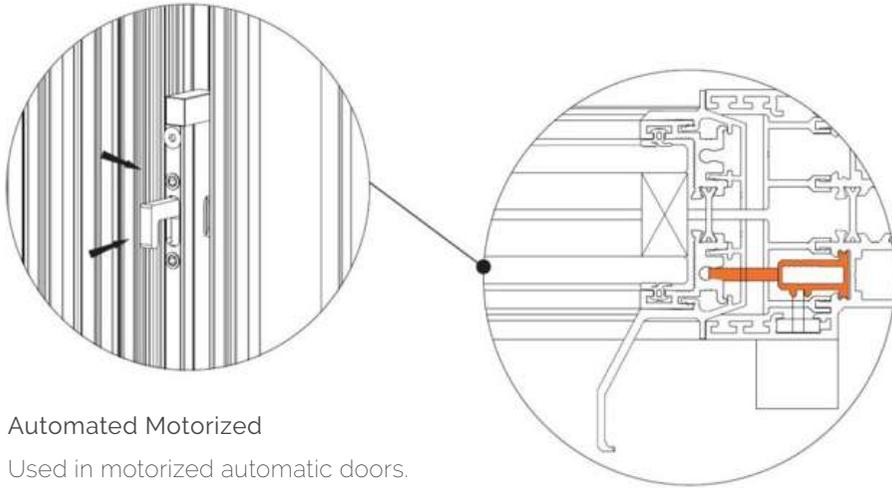


HORIZONTAL SECTION



HORIZONTAL SECTION

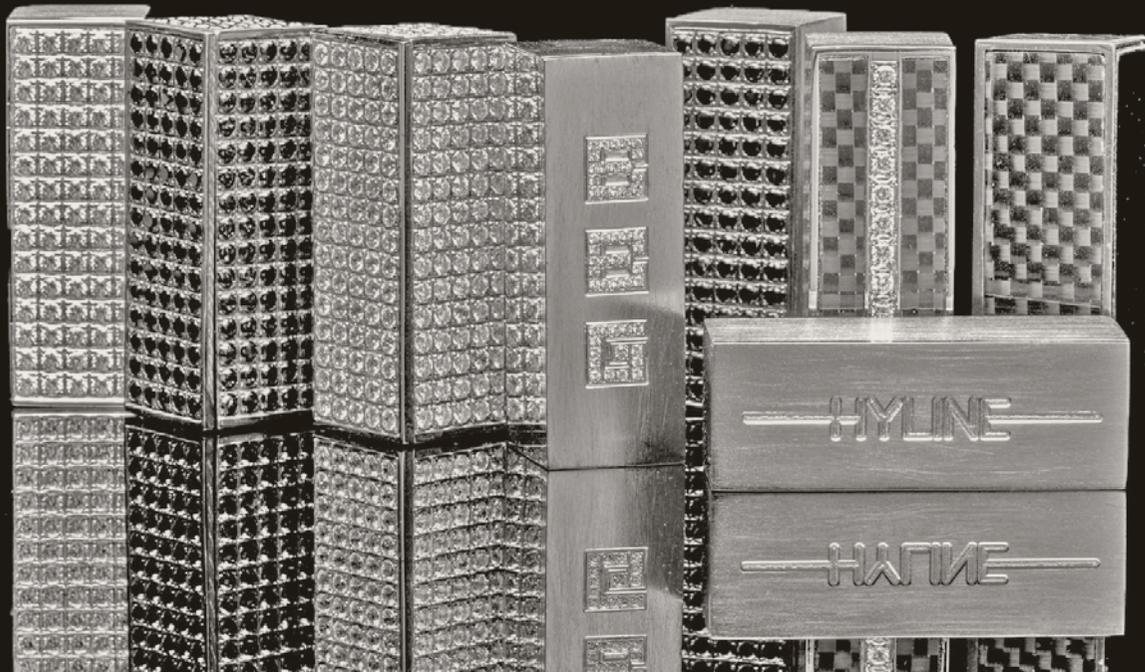
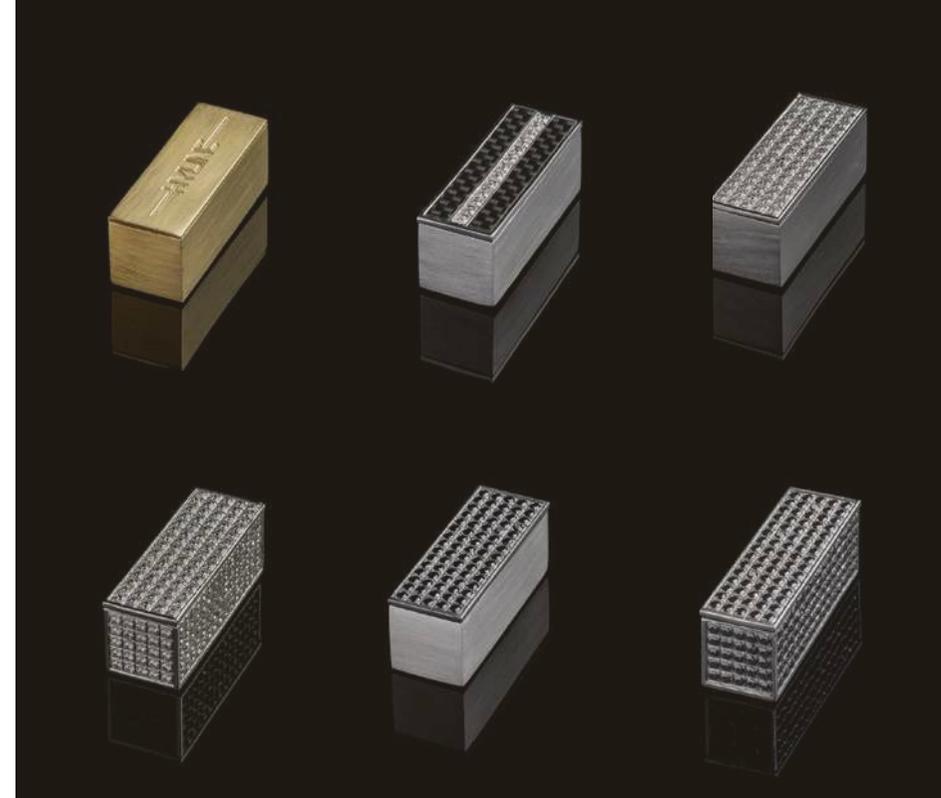




Automated Motorized

Used in motorized automatic doors.

Note: In case of electrical cut-off,
the maneuver can be performed manually.



HYLock System

HyLock Deluxe

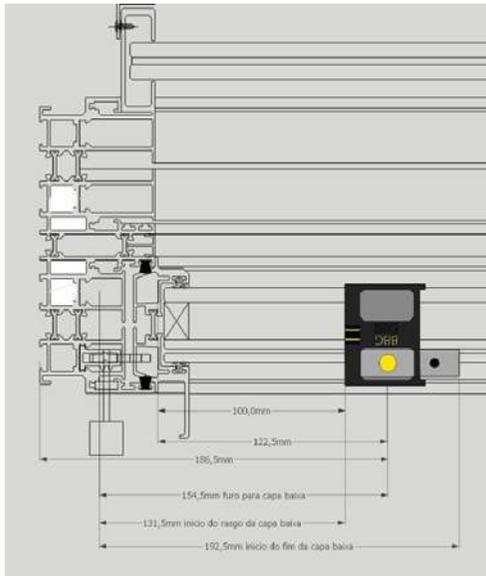
A wide choice of possible finishes
including diamonds.



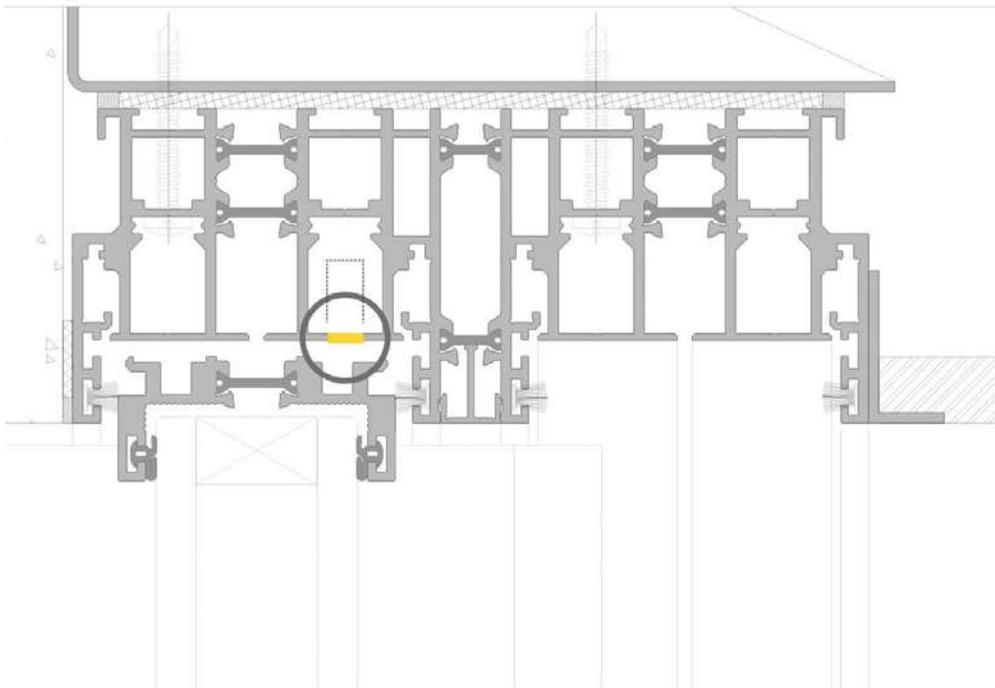
HYLock System

HyKey System

Security Control by incorporated lock in a 2, 3 or 5 points. Possibility to application of security cylinder.

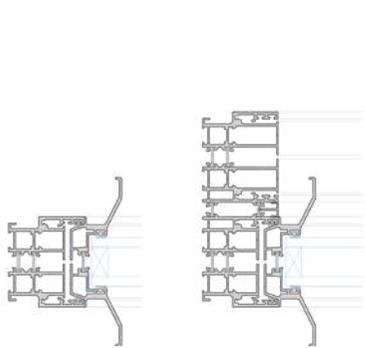


ALARM

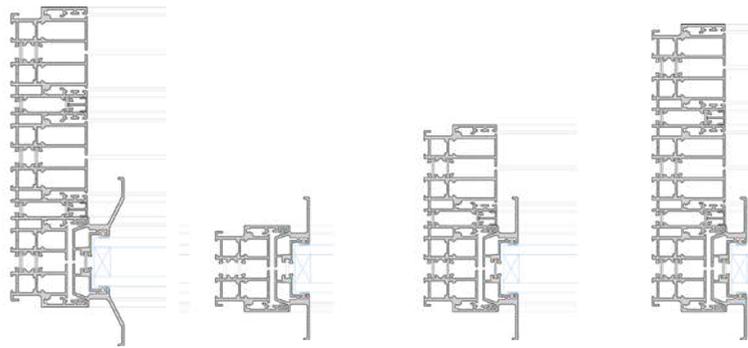


HYSecurity

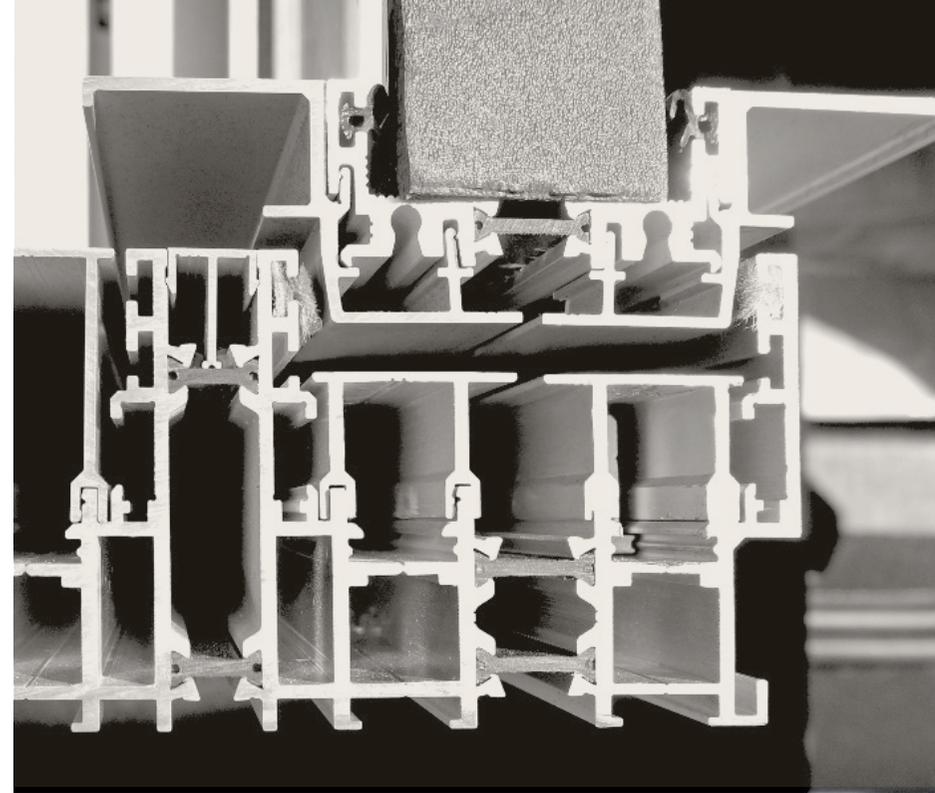
Integration of intrusion detectors.
Ability to install the system with the domotic of the house. Sensor must be provided by the customer.



TECHNICAL DESIGN HANDLE CURVE



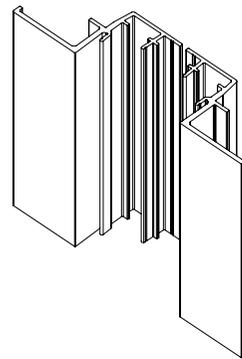
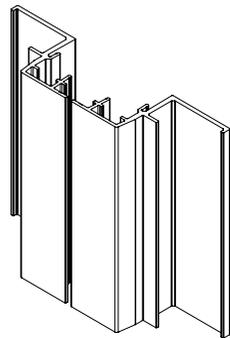
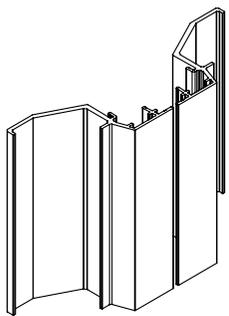
TECHNICAL DESIGN HANDLE RIGHT



HYHandle

Door handles

Exclusive Design

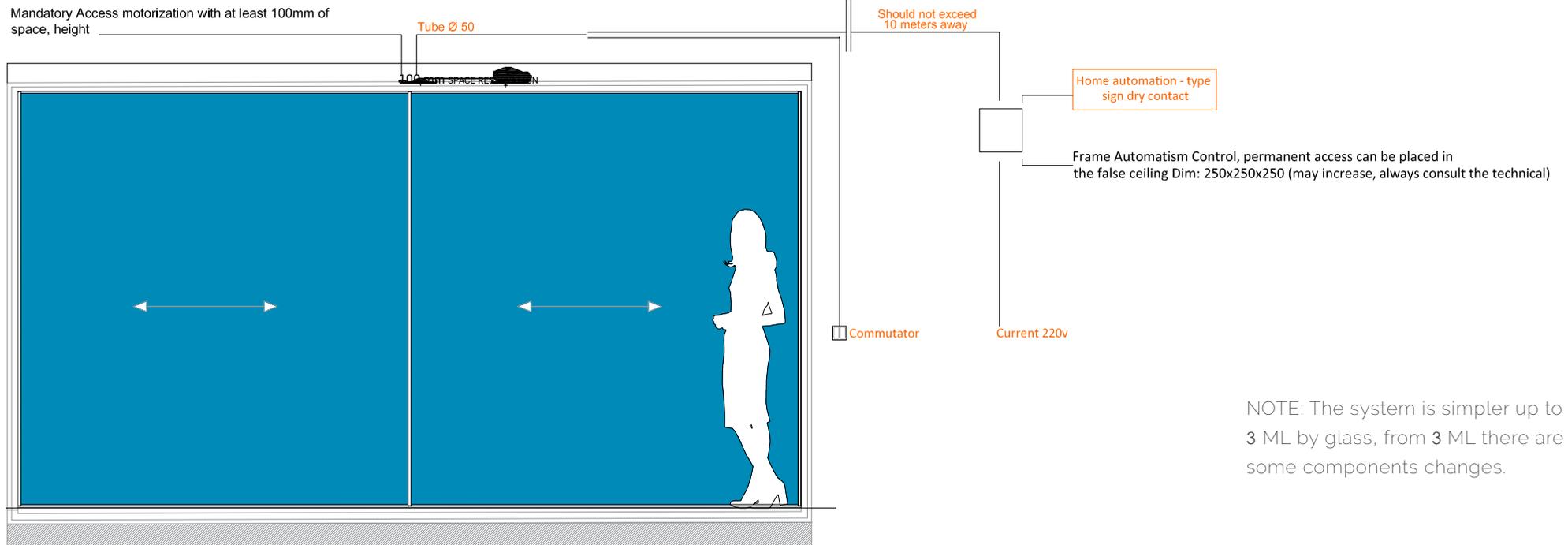
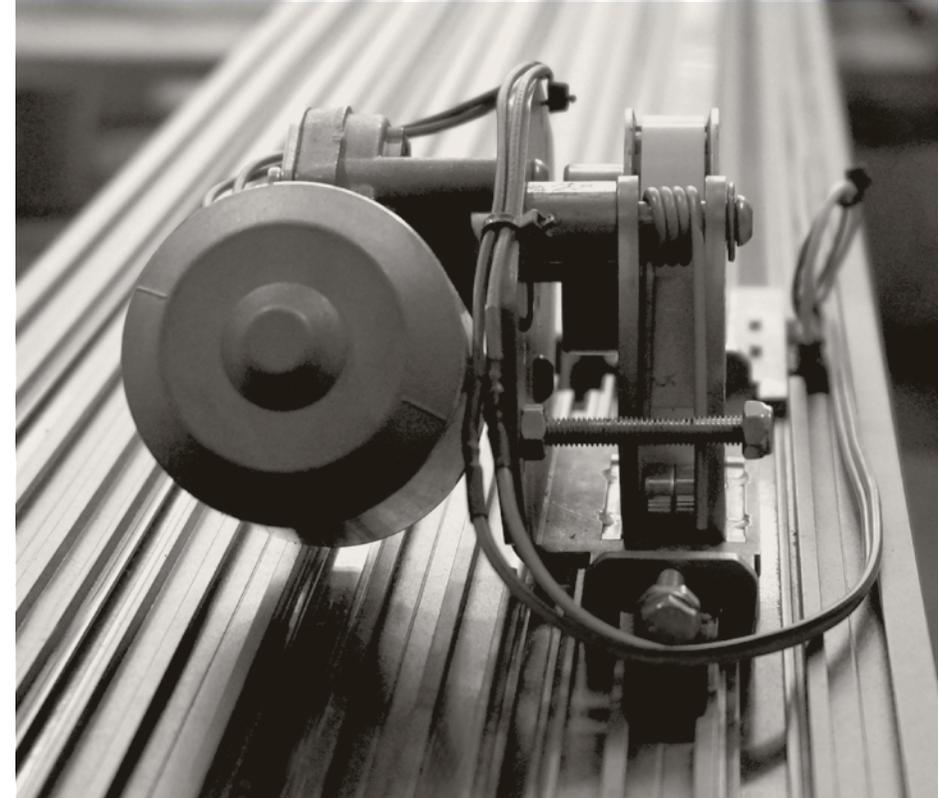


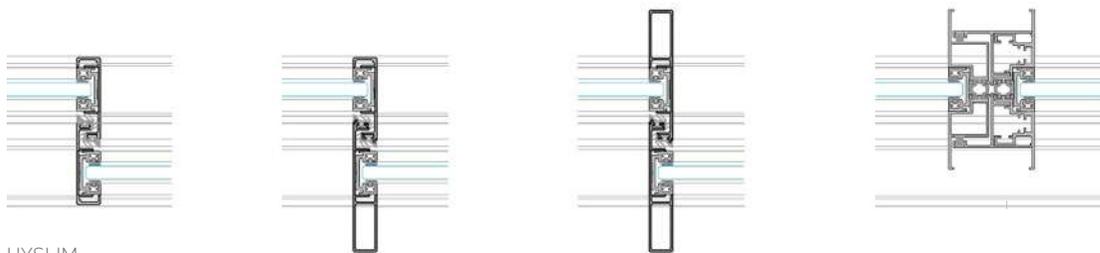
3D TECHNICAL DRAWINGS

HYMotor

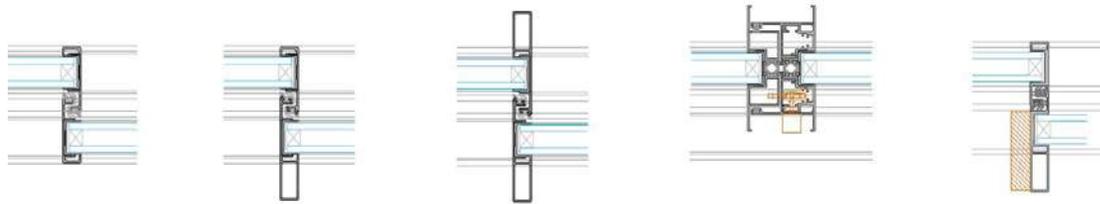
Hidden motorization respecting the architecture; silent sliding; When in contact with an obstacle the sash movement is interrupted by the motorization. In case of electrical cut-off, the maneuver can be performed manually with the reversible motor. In case of power failure the window can still be operated manually.

MOTOR WITH TECHNICAL SPACE





HYSLIM



HY30



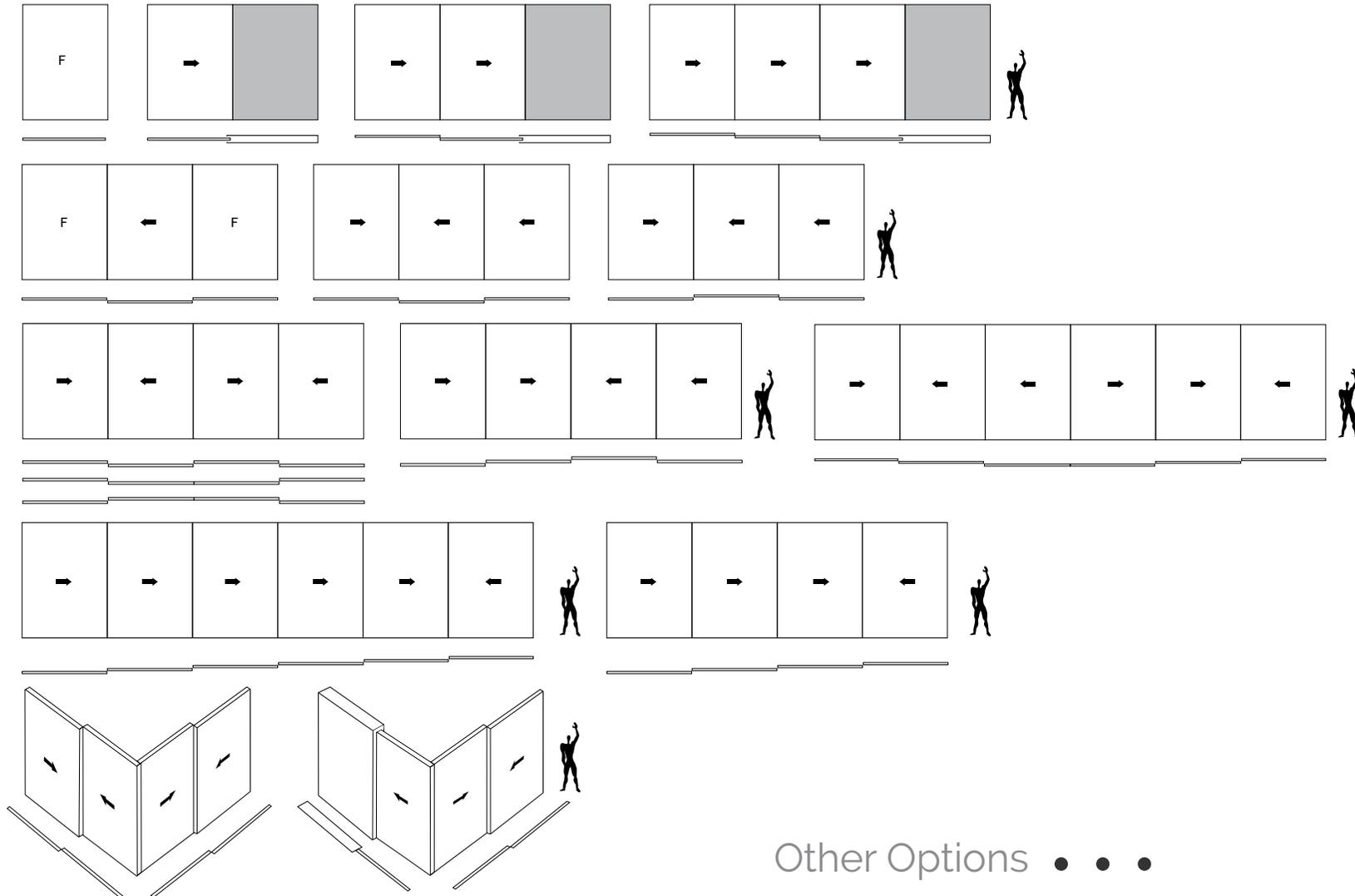
HY40

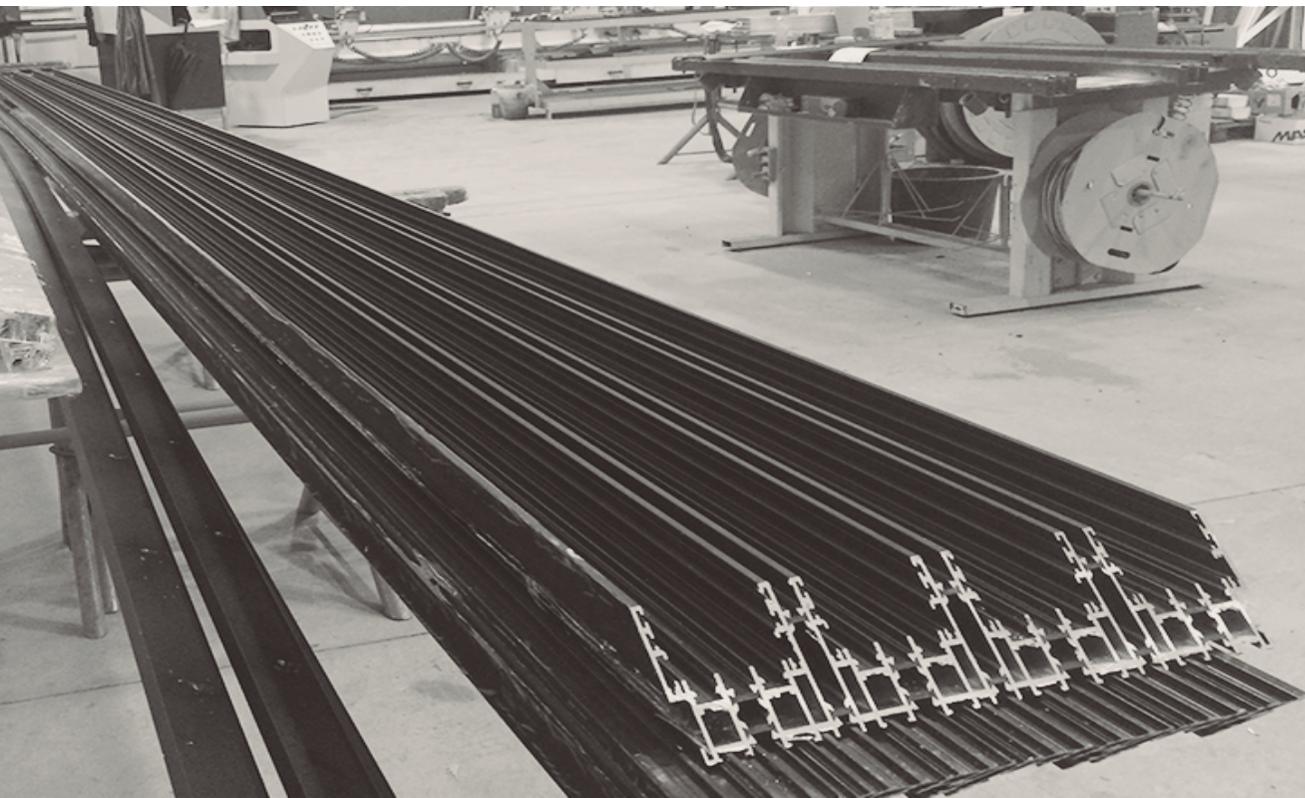


Reduced Center Mullion

Small profile that provides a slim and elegant look, ensuring greater wind resistance and the possibility for larger frames. Central Mullion with 18 mm of view;

Multiples Types of Opening





Unlimited number of rails and combination

There is no limit to the number of rails and therefore vents.

This allows tailor-made solutions for the most ambitious projects.



HYSunControl

In addition to glass, marble, wood, and fly screen or aluminum panels, may be an option

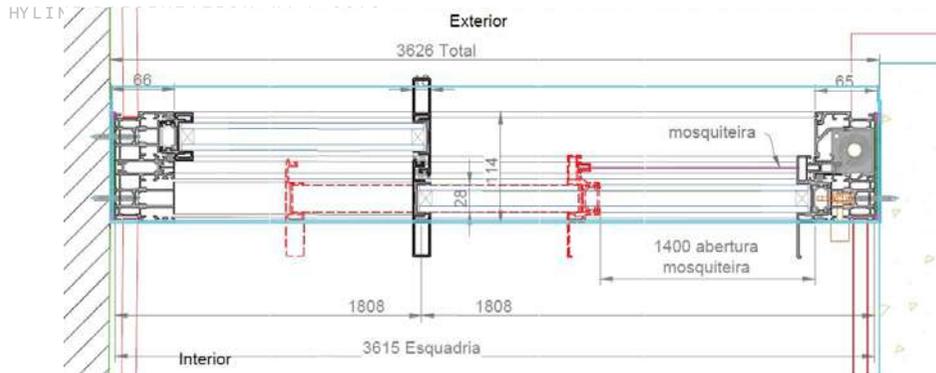
TYPE	MOVEMENT	SCREENLINE	VELTREC
ELECTRIC INTERIOR GLASS 6 MM	GUIDANCE	-	-
	GUIDANCE AND LIFTING	SL27M (L: 480 - 3000) (A: 300 - 3000)	VM27 (L: 500 - 2500) (A: 600 - 3000)



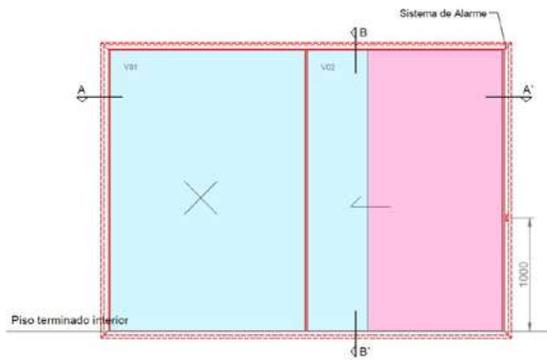
HYSunControl

Screen/Blackout

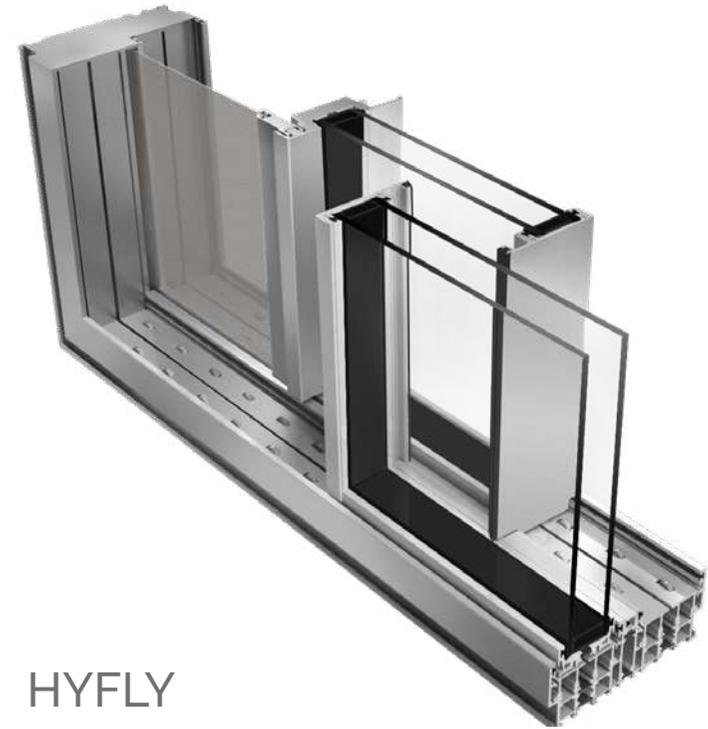
Invisible contact system with two connectors that work with electromagnetism through the contact of the frame to the vent profile. 5 year warranty. 3% of the glass space is occupied by the blades and the motor. Available in HY40 and HY50 systems.



INTERIOR VIEW



HORIZONTAL CUT



HYFLY

Integrated Fly Screen

Fly screen is a perfect, easy to use solution to naturally ventilate your home being effective and functional against insects. The system is totally integrated in the frame, only being visible when in use.

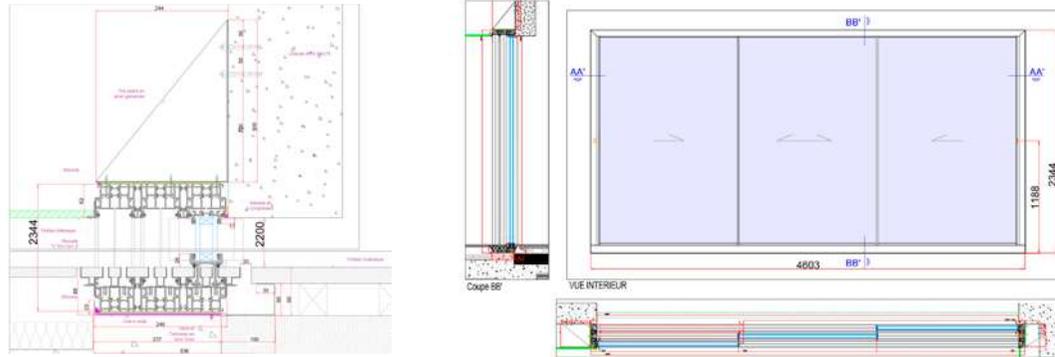
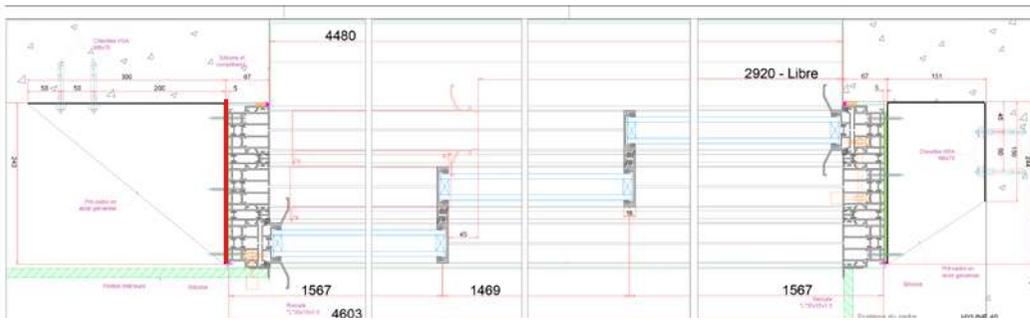
[Watch video here](#)



red dot design award

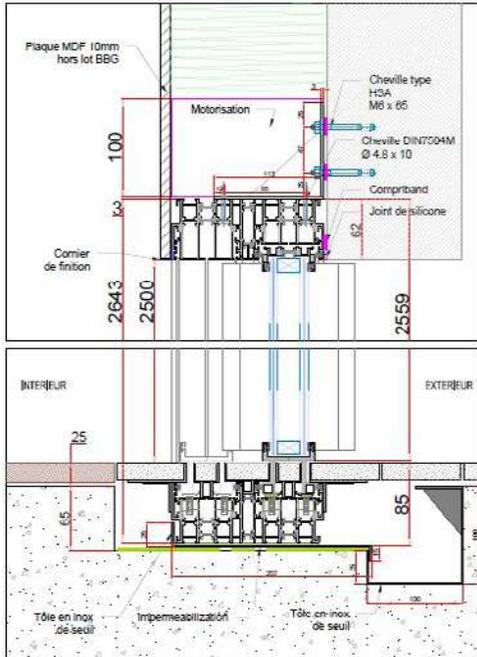
WIPO



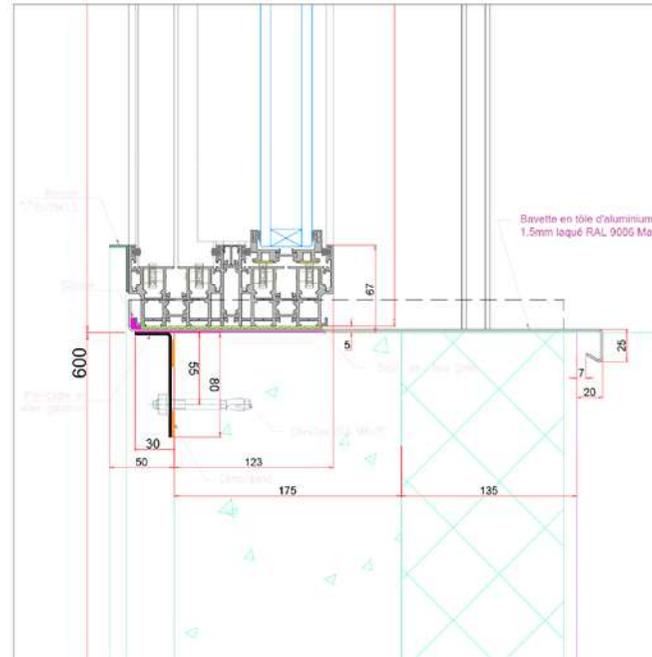


Pre-Frames

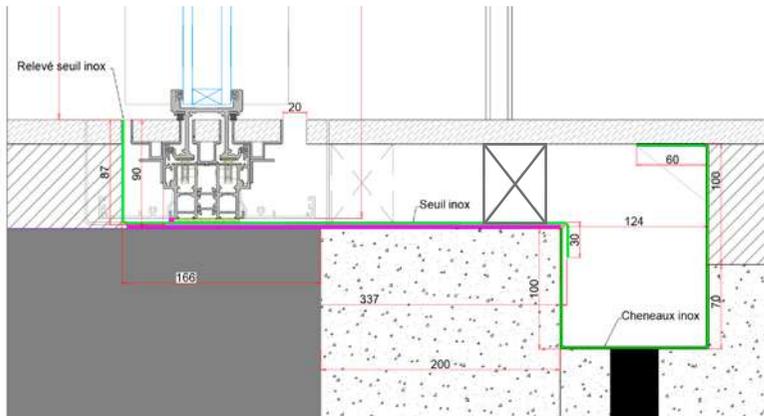
To ensure good system fixation we apply pre-frames in galvanized steel.



VERTICAL SECTION



VERTICAL SECTION



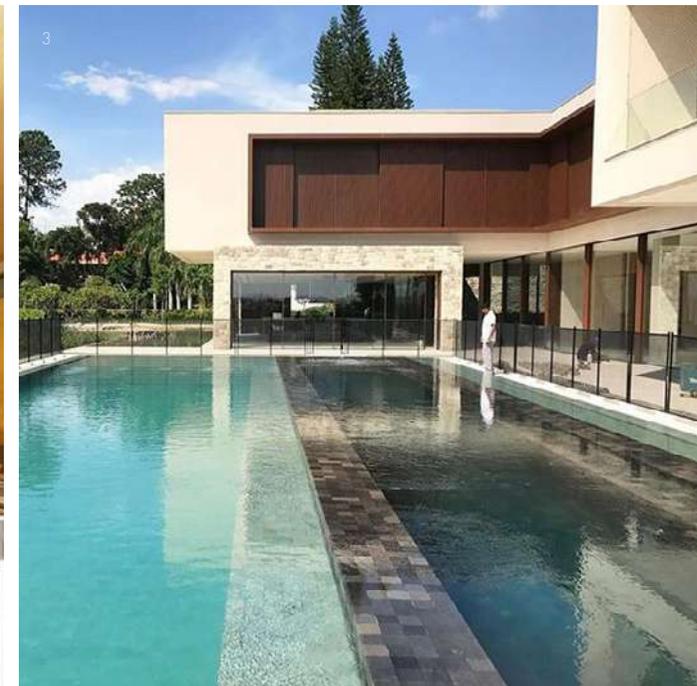
HORIZONTAL SECTION



Thresholds

Different types of threshold to ensure a good seal.

-
1. **CYSTES VILLA AMA** SAINT TROPEZ | ARCH. LAURENCE SONCK | PHOTO BY ALEXANDRE VAN BATTEL
 2. **ROMANDO SUSHI CAFFE** MARINA DE VILA DO CONDE | HY30
 3. **CAMPINAS** LANDSCAPE ARCHITECTURE ALEXHANAZAKI | ARCH. ROBERTO MIGOTTO HY40



4. **RPFVHOUSE** | ARCH. NOARQ | PHOTO BY FERNANDO GUERRA | HY40

5. **CYSTES VILLA AMA** SAINT TROPEZ | ARCH. LAURENCE SONCK | PHOTO BY ALEXANDRE VAN BATTEL



6. **RPFVHOUSE** | ARCH. NOARQ | PHOTO BY FERNANDO GUERRA | HY40

7. **BRAZIL RESIDENCE** CAMPINAS | ARCH. ROBERTO MIGOTTO



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