



**THE  
FUTURE  
OF  
IMPACT**



## WE ARE CORE Q



INTERALUM



GRUPO  
INDUSTRIAL

Interalum manufactures aluminum frames, and also comercializes and supplies windows, doors, façades, window walls, among others.

Quality service is our best attribute, therefore, we offer support to our clients from the production, until the instalation of our lines. Our design and innovation team, let us maintain the quality and service that characterize us.

Interalum is part of M Grupo Industrial, mexican corporate formed by: Millet Glass Industry, Ecrom, Luova and Mido. We strongly believe in networking between the companies of our corporate, which guarantees quality and delivery times.



## INTER LINES

Our experience throughout the years, has lead us to design diferent solutions for doors, windows and façades. We have a variety of lines that are able to satisfy our customer's needs.

### **Inter Lines:**

**INTER 45:** European hinged system for manufacturing doors and windows

**INTER 60:** European sliding system for doors and windows

**INTER 90:** European heavy sliding system for manufacturing doors and windows

**INTER 120:** Sliding door and storefront system certified by Miami Dade-County (HVHZ); "small and large misil impact" approval according to: TAS-201,202 and 203, FBC, AAMA 101, NAFS and I.S.2.

Certificates:

- **Miami-Dade County, Florida NOA No. 18-117.02**

Expiration Date: December 13, 2023

- **Miami-Dade County, Florida NOA No. 18-117.03**

Expiration Date: November 03, 2023

- **Florida State Approval - FL27509**

- **Florida State Approval - FL27516**

**INTER 350-370:** Unitized curtain wall

Certificates:

**WINDOW WALL:** Unitized window wall for façades enclosed between slabs



## COLORS AND TEXTURES

Being part of M Grupo Industrial, let us work together with Ecom, electrostatic painting plant. We are able to offer a vast variety of finishes, such as:

- Ral Colors
- Metalic colors
- Premium finishes (wood and textures)

Ecom uses certified paint, by AAMA 2604, for their life time in coastal areas.

**ECROM**



# GLOSSARY

**Ral Color:** european system of colors for paint, plastic and coatings.

**AAMA 2604:** to guarantee paint performance on a certain application, AAMA specification has to be referred. Paint is exposed to fresh air, to test its performance.

**Tilt-turn:** tilt-turn windows have two functions; swing open, and tilt towards the inside or outside.

**Wasista:** small ventilation window. Ideal for acoustic and thermal insulation.

**Louver:** is a window blind or shutter with angled slats that admit light and air, and keep out rain and direct sunshine.

**Storefront:**

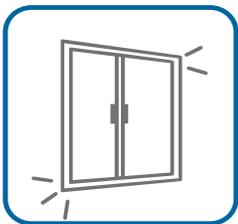
**AAMA 101/I.S.2/NAFS/TAS-202:** mandatory tests (ASTM E283: Air Infiltration Leakage), (ASTM E331 or ASTM 547 & TAS 202: Water Penetration), (ASTM E330 & TAS 202: Uniform Static Air Pressure), (ASTM F842: Forced Entry Test)

**TAS-201 and TAS-203:** Supplemental Tests (FBC 1626.3 (TAS 201 & 203) ASTM E1886/1996: Small Missile Impact & Cyclic)

**Door configuration:**

**X:** Sliding door

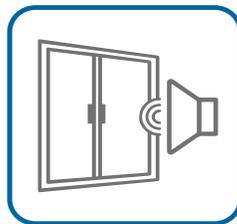
**O:** Fixed door



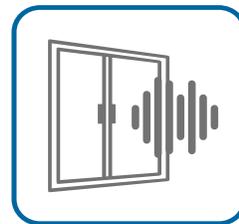
Greater hermeticity



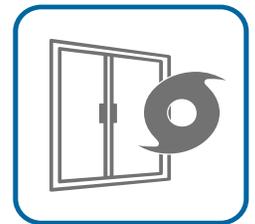
Greater tightness



Noise reduction



High resistance



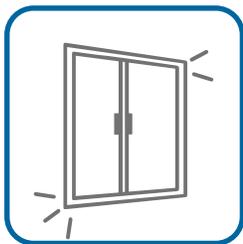
Certified against hurricanes

# INTER LINE 45

European hinged system with wide range of profiles of different dimensions and applications; these allow us to manufacture doors and windows with interior or exterior folding as required.

Profile joints are made with a 45 ° cut with European metal brackets and accessories. The profiles allow the use of different thickness of glass, up to a maximum of 32 mm. With this line, it is possible to manufacture Louver doors and windows or adjustable slats (blinds), which are very common in coastal areas.

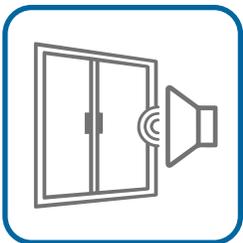
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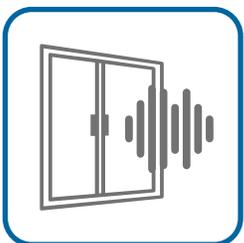
Greater hermeticity



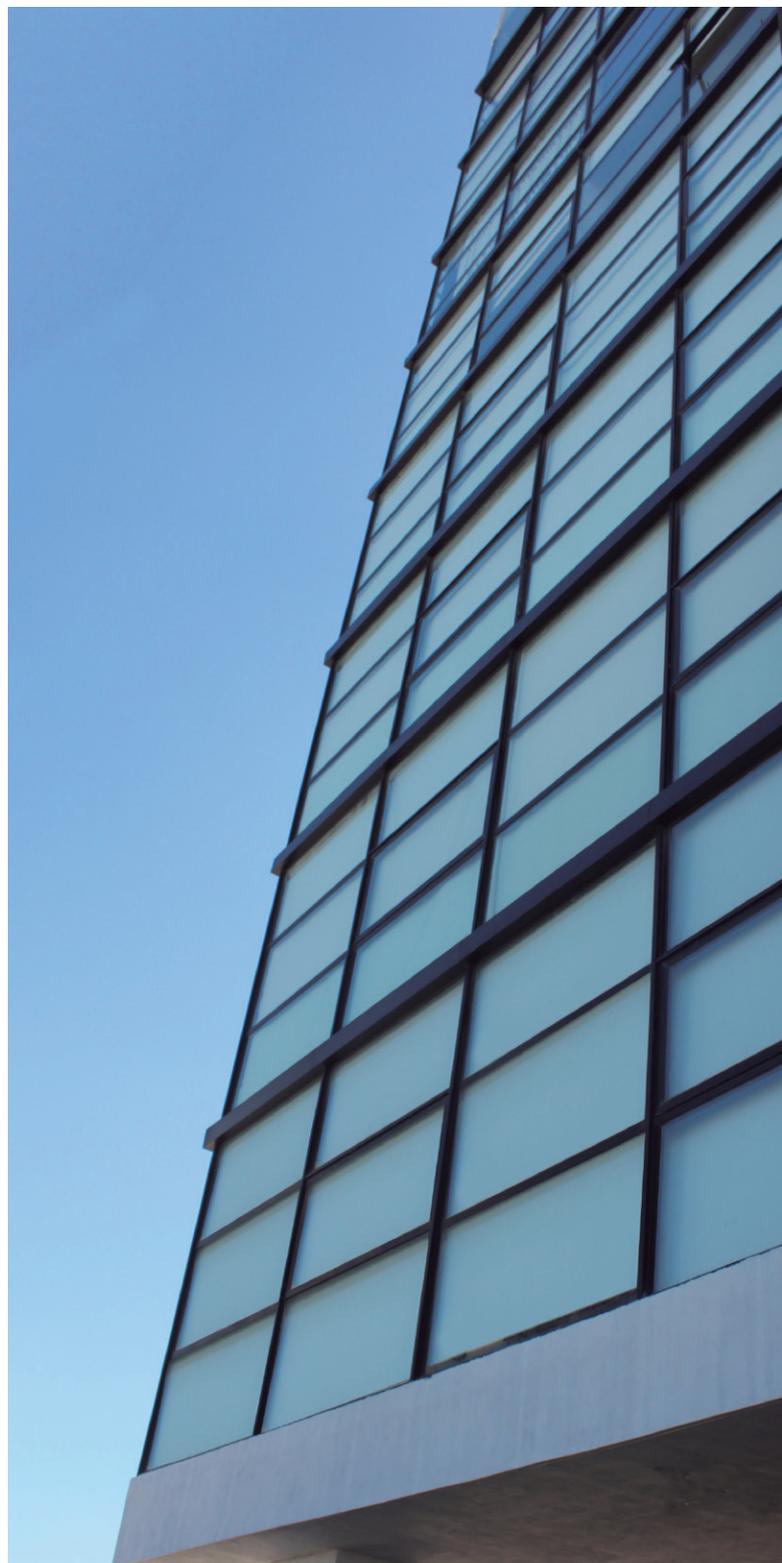
Greater tightness



Noise reduction



High resistance

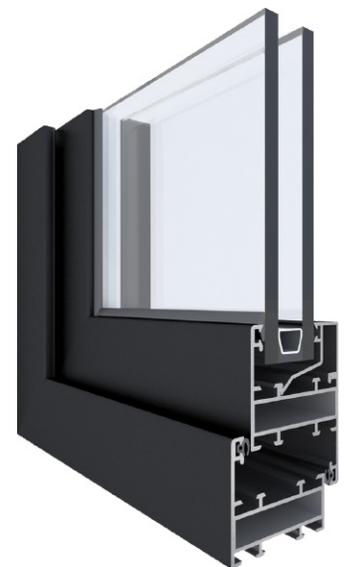
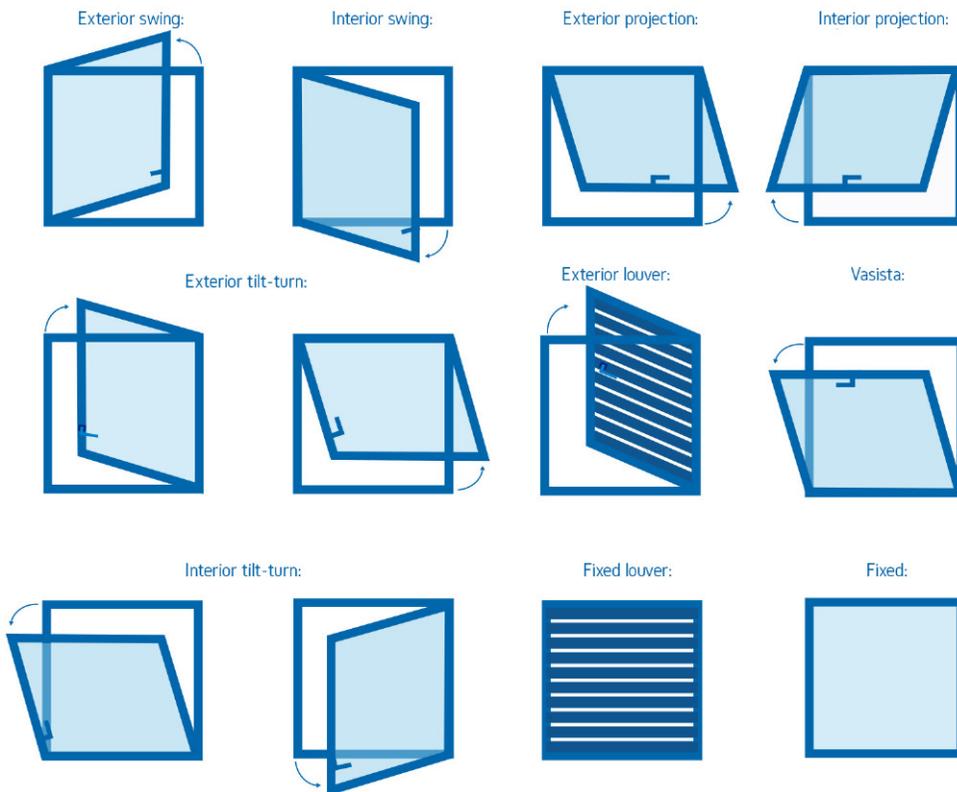


Sentinello Residential (Yucatan, Mexico)



Adamant (Queretaro, Mexico)

**Window configuration:**



**Description:**

Frame section 45 mm  
 Sheet section 45 mm  
 Variable sheet width 67, 79 and 90 mm  
 Glazing chamber sheet up to 32 mm

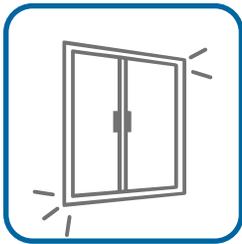
# INTER LINE 60

European sliding system with light profiles, that allows the manufacture of doors and windows in different configurations and multitrack.

Profile joints are made with a 45 ° cut with European metal brackets and accessories.

The profiles allow the use of different thickness of glass, up to a maximum of 21 mm. This profile has a fixed panel that fits perfectly to the sliding frame, allowing combined fixed and sliding panels.

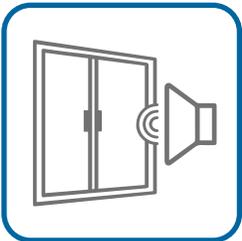
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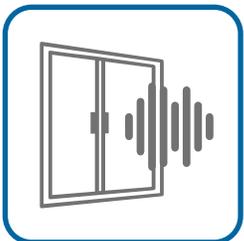
Greater hermeticity



Greater tightness



Noise reduction



High resistance

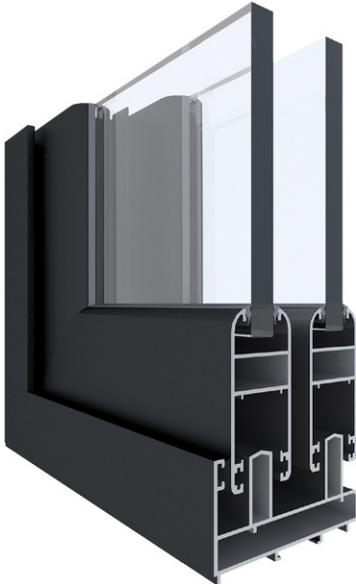
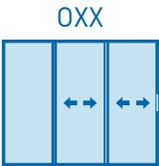
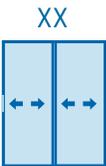
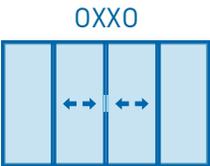
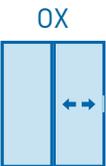
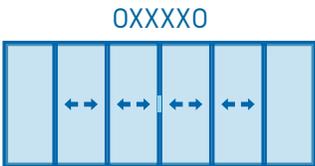


Torre Onze Residential (Yucatan, Mexico)



La Vista (Yucatan, Mexico)

**Door configurations:**



**Description:**

- Doble track frame section 69 mm
- Triple track frame section 105 mm
- Sheet section 26 mm
- Glazing chamber sheet 16 mm
- Glazing chamber sheet 23 mm

# INTER LINE 90



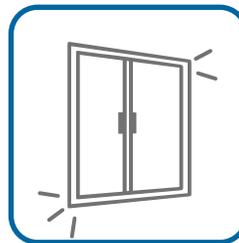
Fiesta Inn Hotel (Quintana Roo, Mexico)

European sliding system that allows doors and windows to be manufactured in different configurations and multitracks.

Profile joints are made with a 45 ° cut with European metal brackets and accessories. The profiles allow the use of different thickness of glass, up to a maximum of 27 mm. This profile has a fixed panel that fits perfectly to the sliding frame, allowing combined fixed and sliding panels.

This line is the most used in residential and commercial buildings due to its excellent quality - price ratio.

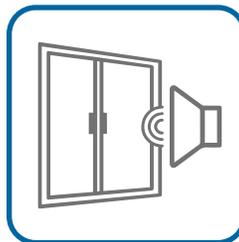
## Characteristics:



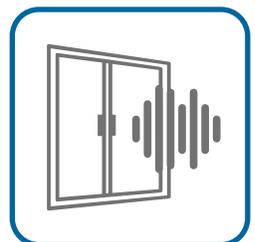
Greater hermeticity



Greater tightness



Noise reduction

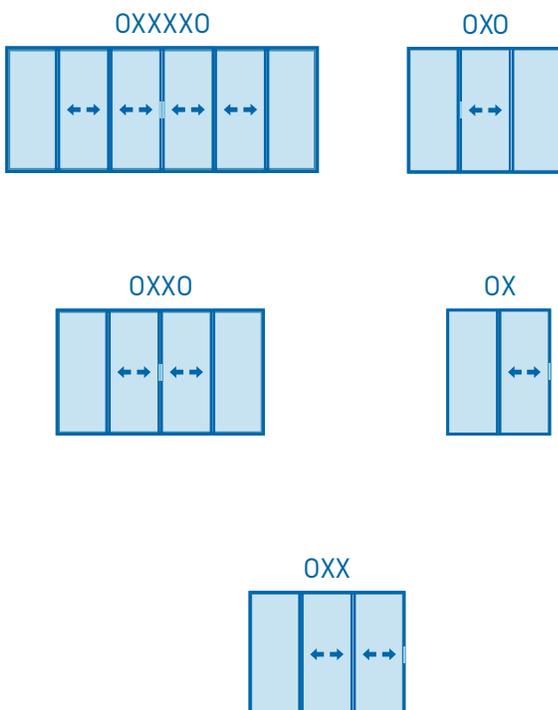


High resistance



Fiesta Inn Hotel (Quintana Roo, Mexico)

**Door configuration:**



**Description:**

- Double track frame section 94 mm
- Triple track frame section 145 mm
- Sheet section 37 mm
- Glazing chamber sheet 18 mm
- Glazing chamber sheet 30 mm

# INTERLINE 20



Hotel Unico (Quintana Roo, Mexico)

Sliding system certified against hurricanes by Miami Dade County (HVHZ), and against “small missile impact” and “small and large missile impact” in accordance with Standards TAS-201.202 and 203, FBC, AAMA 101, NAFS and I.S.2. The Storefront System with the same certifications was also designed.

**- Miami-Dade County, Florida NOA No. 18-117.02**

Expiration Date: December 13, 2023

**- Miami-Dade County, Florida NOA No. 18-117.03**

Expiration Date: November 03, 2023

**- FL27509 and FL27516**

Its design pressure is 80 PSF and it was certified against impact with the option of laminated and insulated glass. Certified panels can be up to 48 'x 120'. The possibilities of designs are varied including the multitrack option.

### Characteristics:



Greater hermeticity



Greater tightness



Noise reduction



High resistance

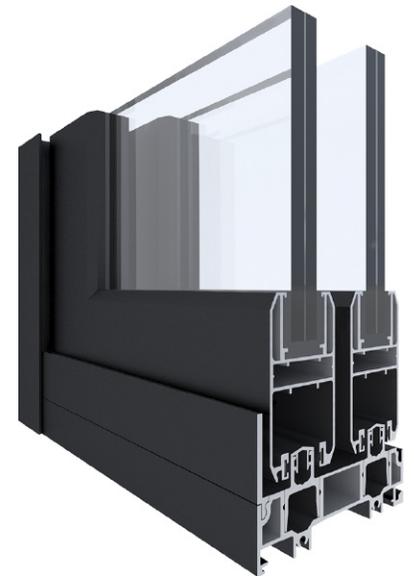
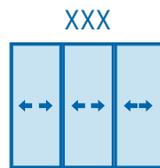
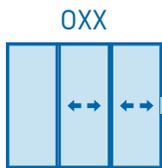
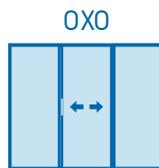
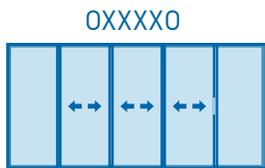


Certified against hurricanes



Hotel Unico (Quintana Roo, Mexico)

**Door configurations:**



**Description:**

- Double track frame section 120 mm
- Triple track frame section 173 mm
- Sheet section 41 mm
- Glazing chamber sheet 25 mm
- Glazing chamber sheet 37 mm

**INTER**  
LINE

**80**



Kabeek (Quintana Roo, Mexico)

Certified for “small and large missile impact” in accordance with Standards TAS-201.202 and 203, FBC, AAMA 101, NAFS and I.S.2. The storefront system was also designed with the same certifications.

FL27509 and FL27516

Its design pressure is 140 PSF and it was certified against impact with the option of laminated and insulated glass. Certified panels can be up to 60 ‘x 120’. The possibilities of designs are varied including the multitrack option.

**Characteristics:**



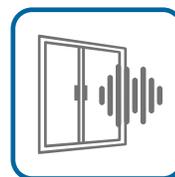
Greater  
hermeticity



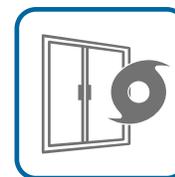
Greater  
tightness



Noise  
reduction



High  
resistance

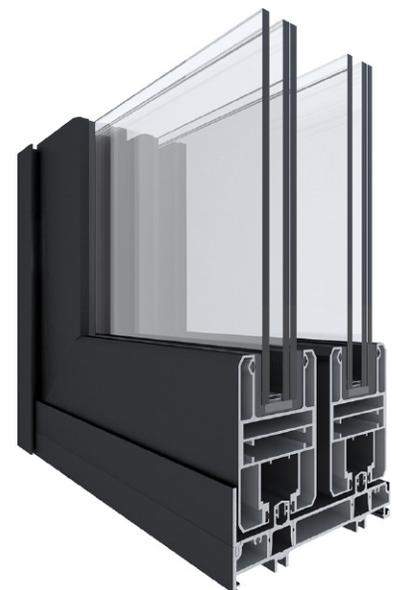
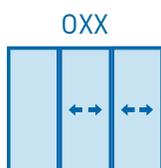
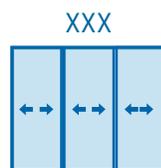
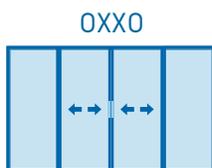
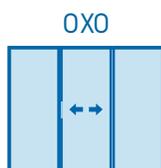
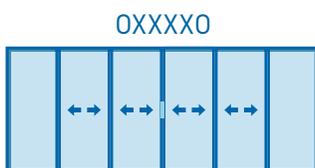


Certified against  
hurricanes



Kabeek (Quintana Roo, Mexico)

**Door configurations:**



**Description:**

- Double track frame section 175 mm
- Triple track frame section 265 mm
- Sheet section 73 mm
- Glazing chamber sheet 27 mm
- Glazing chamber sheet 44 mm

# INTER 350-370

LINE



Paseo 60 (Yucatan, Mexico)

The profile systems for the INTER 350 and INTER 370 unitized façades, were designed to comply with the need to reduce installation times on site.

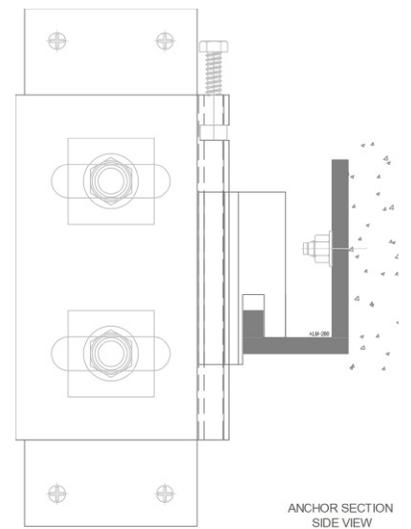
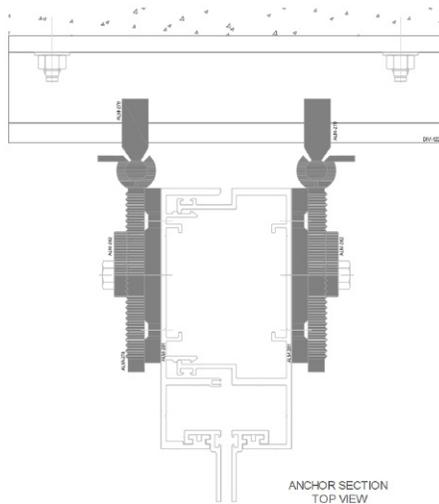
The installer receives the panels completely ready for installation; which is carried out from inside the building, providing greater facilities and safety to workers.

The system has an anchor, that is fixed to the building and allows the leveling of the panel in three axes. This allows to have adjustments on site without having to change the façade's panels.

Our experience allows us to provide engineered products necessary for the development of any type of building.



Mid Center (Yucatan, Mexico)



# WINDOW WALL



Capital Reforma (Mexico City, Mexico)

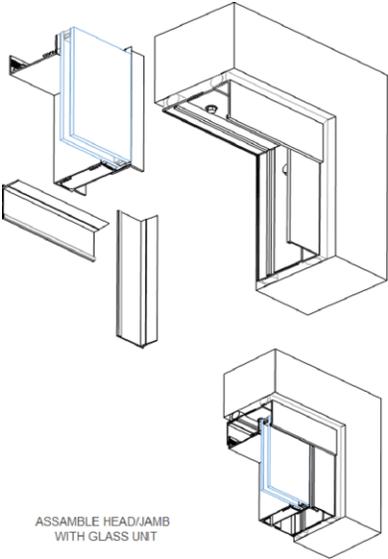
Our INTER WW system consists of panels manufactured completely in the factory.

Modern, with excellent waterproof performance, it is specially designed to be used in seismic areas; due to the anchoring system that allows the mobility of panels and thus avoid glass breakage.

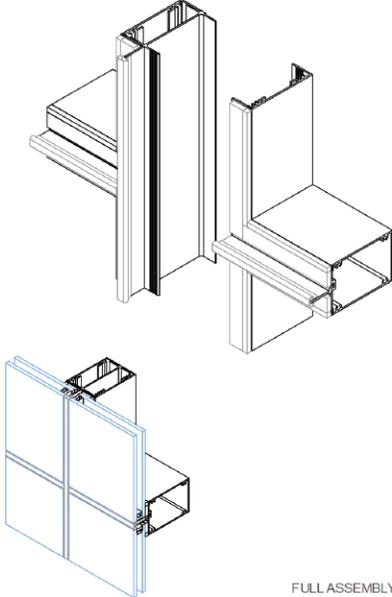
Due to its design and engineering, it allows a front view of glass.



Cenit (Yucatan, Mexico)



ASSAMBLE HEAD/JAMB WITH GLASS UNIT



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