

AVI45 SYSTEM

Collections Aviglass

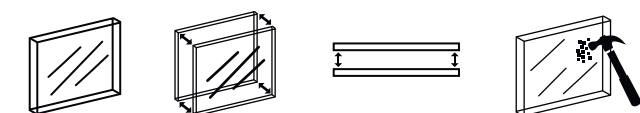
Doors & Window
Systems



TYPE OF GLAZING



SYSTEMS ENHANCE







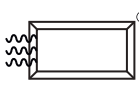
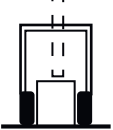
AVIGLASS

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AVIGLASS NOMENCLATURE

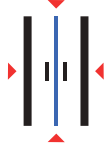


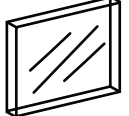
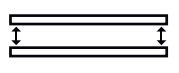
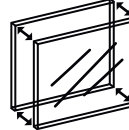
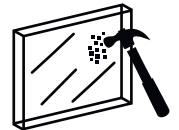
DOORS & WINDOW SYSTEMS

	Doors and windows	Design system that adapts to wall and floor to ceiling installations.
	Facades and large heights	Enveloping system, with high wind resistance, with panoramic views that allow the entrance of natural light.
	Sliding	Sliding opening systems with solutions adaptable to the specific needs of each project.
	Panoramic views	System focused on creating open and airy environments. Less aluminum, more glass.
	Against hurricanes	Guaranteed system for environmental protection and extreme climates.
	Profiles of high strength	Supports heavy loads.

TYPES OF GLAZING

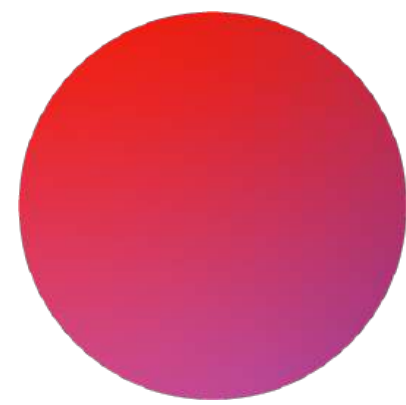
	Monolithic	Glass sheet consisting of a single sheet, with a variety of thicknesses.
	Laminated	It is a type of safety glass that is composed of two or more layers of glass joined together by an intermediate layer of plastic material.
	Insulated	Monolithic or laminated crystals separated by an air or gas chamber, which generate customized thermal effects.

SYSTEMS ENHANCE

	Hermetic	System designed to create structures impenetrable by air, water or any element.
	Acoustics	System that significantly reduces external noise and allows for adequate hearing levels
	Low-E	System designed to control environmental effects, reducing the use of air conditioning equipment.
	What is a crystall monolytic?	It is a single sheet of glass that is manufactured by flotation process.
	What is a laminated glass?	They are two crystals held together by an intermediate layer.
	What is a crystallinsulate?	Combination of glass with an intermediate air space that creates an additional barrier to reduce air-to-air temperature transfer.
	What is a tempered glass?	Processed by thermal or chemical treatments, to increase its resistance, compared to normal glass.

DOORS & WINDOW SYSTEMS

Our trajectory has led us to design and perfect solutions, taking into account every last detail of each project. The Doors & Window Systems are made up of these 4 elements.



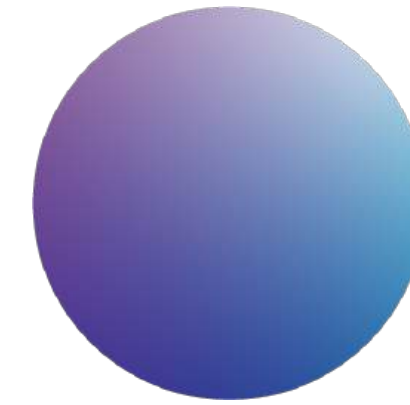
GLAZING

We take and include innovations in technology worldwide to provide solutions that guarantee the objective of each project.



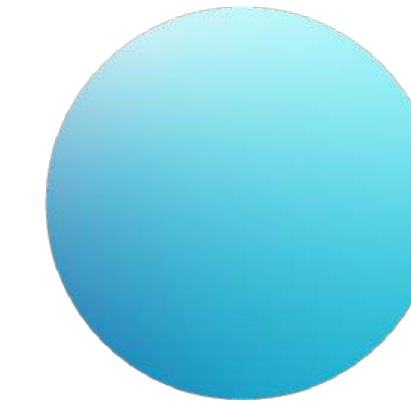
WINDOWS

Our team seeks to follow and create trends, offering a unique and modern style, focused on solutions that are timeless while maintaining quality and functionality over time.



OPERATOR

We design projects to be able to offer our clients variety and options that increase the functionality and design of the solutions; leaving the common offer in the market, giving a product of exalted quality.



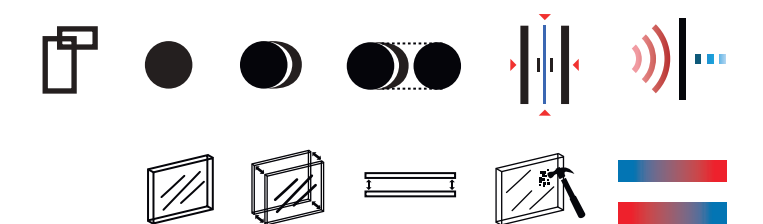
OPENING

We create The Doors & Window Systems that guarantee the correct use of the opening solution of the project, meeting the specific needs of the client.

AVI45 SYSTEM

System designed for high level doors, fixed and casement windows, with an avant-garde design that allows comfort and security within a range of different opening combinations that adapt to the needs of each project.

- Recommended for residential and hotel The Doors & Window Systems.
- Compatible with all types of GLASS ENHANCE.



TYPE OF GLAZING

System designed to support and highlight any type of glass and configuration. Recommended for projects requiring thermal and acoustic comfort.

-  Get the most out of this system with up to **40 mm** of glazing.

SYSTEM TYPE

A profile designed to meet the aesthetic needs of any modern international development. Using resistant and durable aluminum, our **AW45** system has a warranty superior to the regular market, assuring design and quality for the project.

- Specialized system for projects up to 3M high.
- Load capacity of 160 kilos for each door or window *
*Consult maximum weight and dimensions according to typology.
- Modern profiles with straight, defined cuts, without curves.
- High quality **45 mm** aluminum frames.
- Electro-painted, anodized or sublimated finishes.



A close-up photograph of a black window handle and lock mechanism. The handle is a long, horizontal bar with a slight curve, mounted on a vertical black frame. Below the handle is a circular lock cylinder with a keyhole. The background is a plain, light-colored wall.

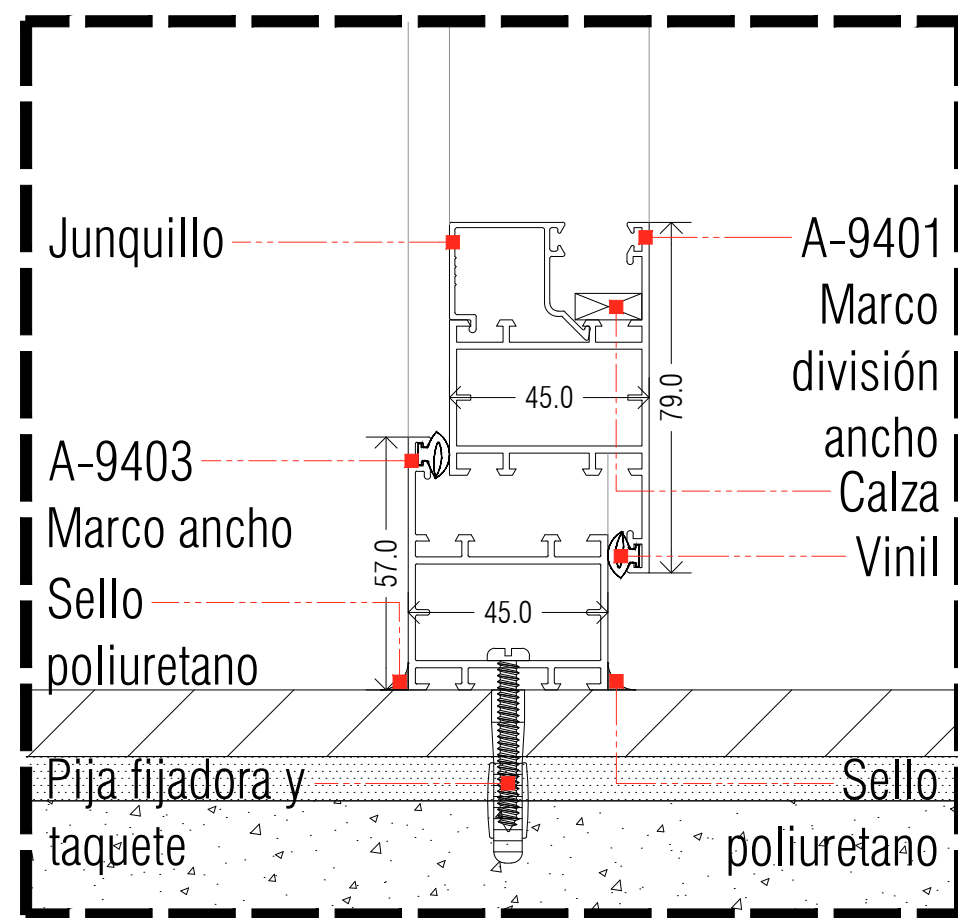
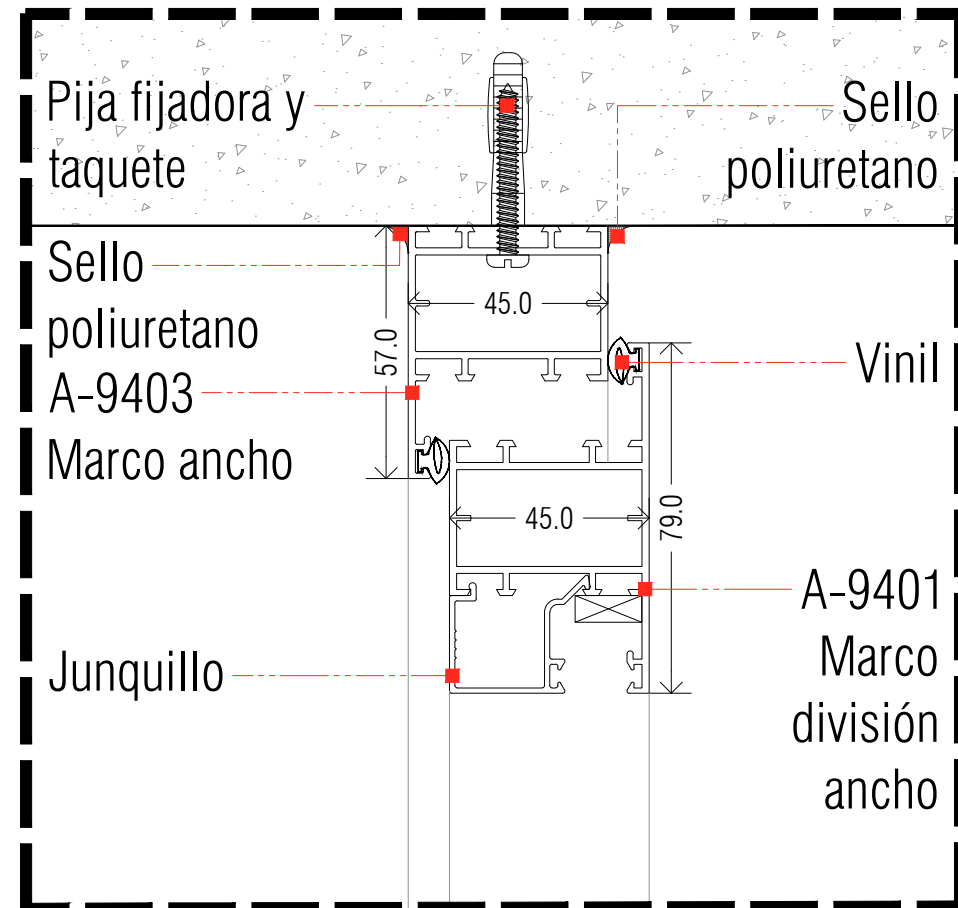
TYPE OF OPERATOR | OPENING

With high quality hardware systems, the AVI45 system offers multiple variations in operator and opening types. Giving the user solutions outside the regular market, with the guarantee of exceeding expectations in quality and functionality over time.

- Single or multipoint locking system.
- Specialized opening in interior and exterior folding.
- Interior and exterior projection.
- Tilt and turn.
- Double or single doors and windows.
- Vasitas windows.

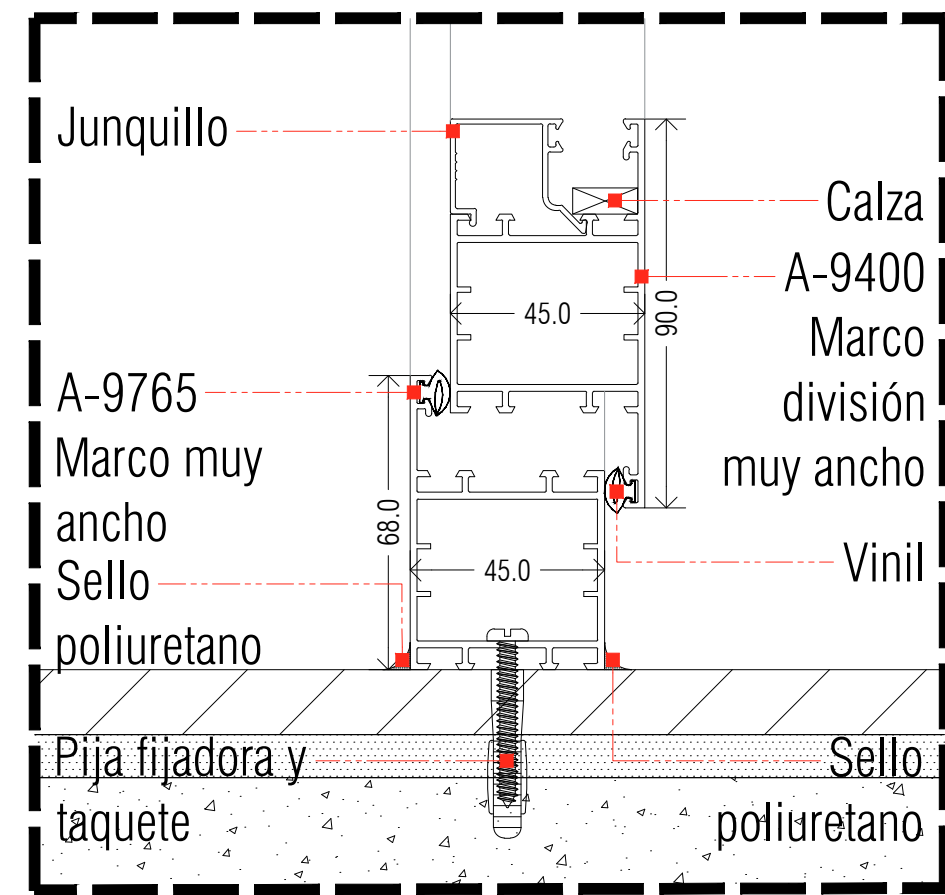
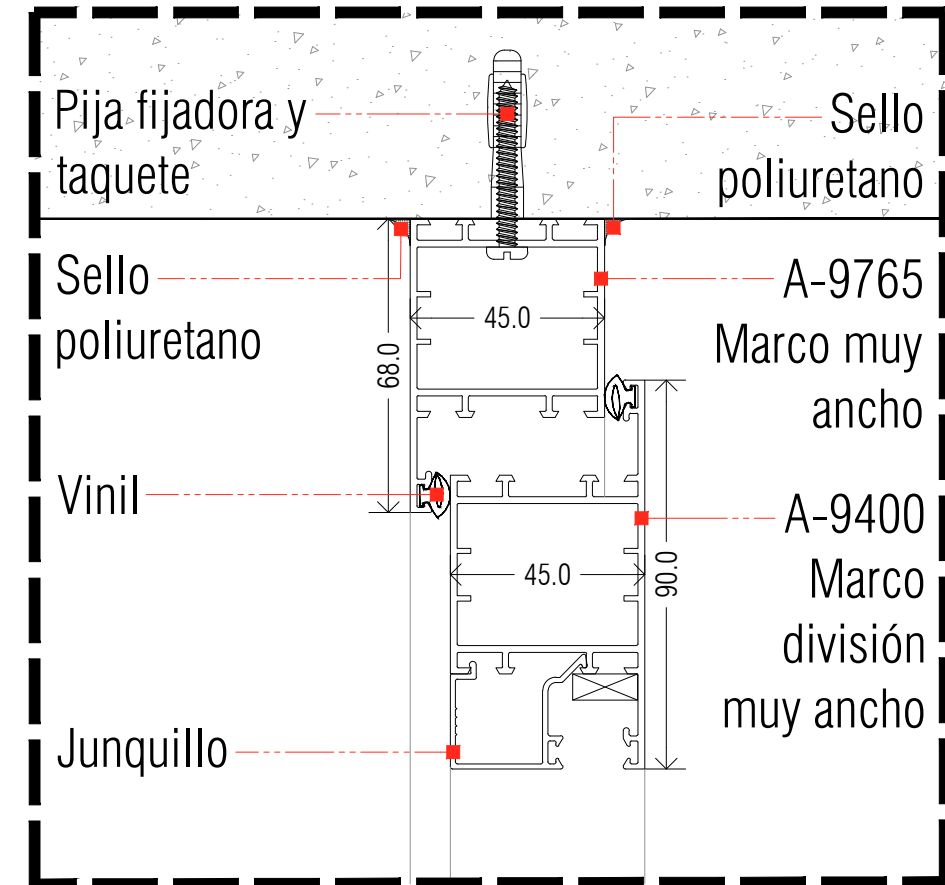
TECHNICAL DRAWING

Corte B



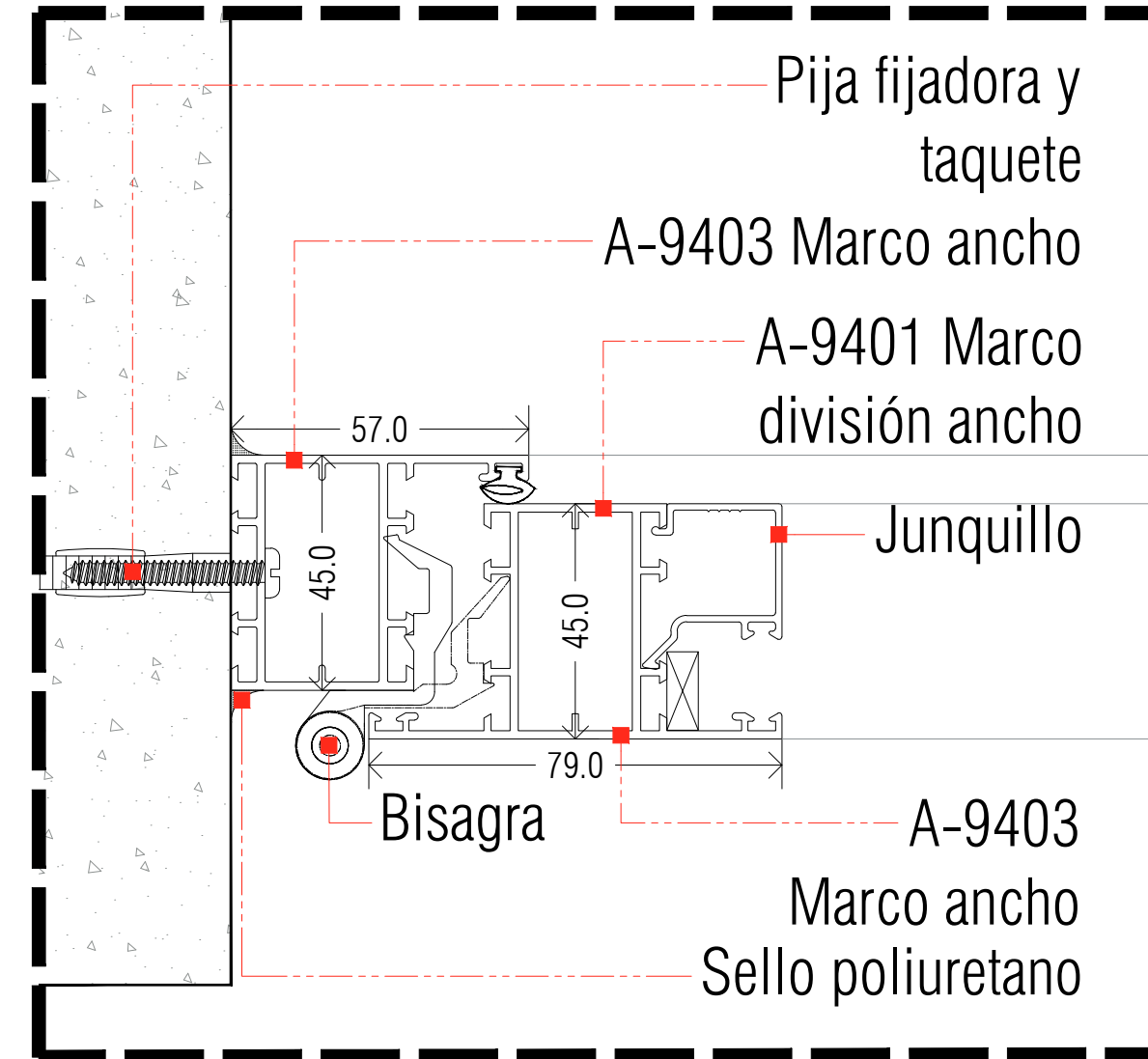
INTERIOR EXTERIOR

Corte B

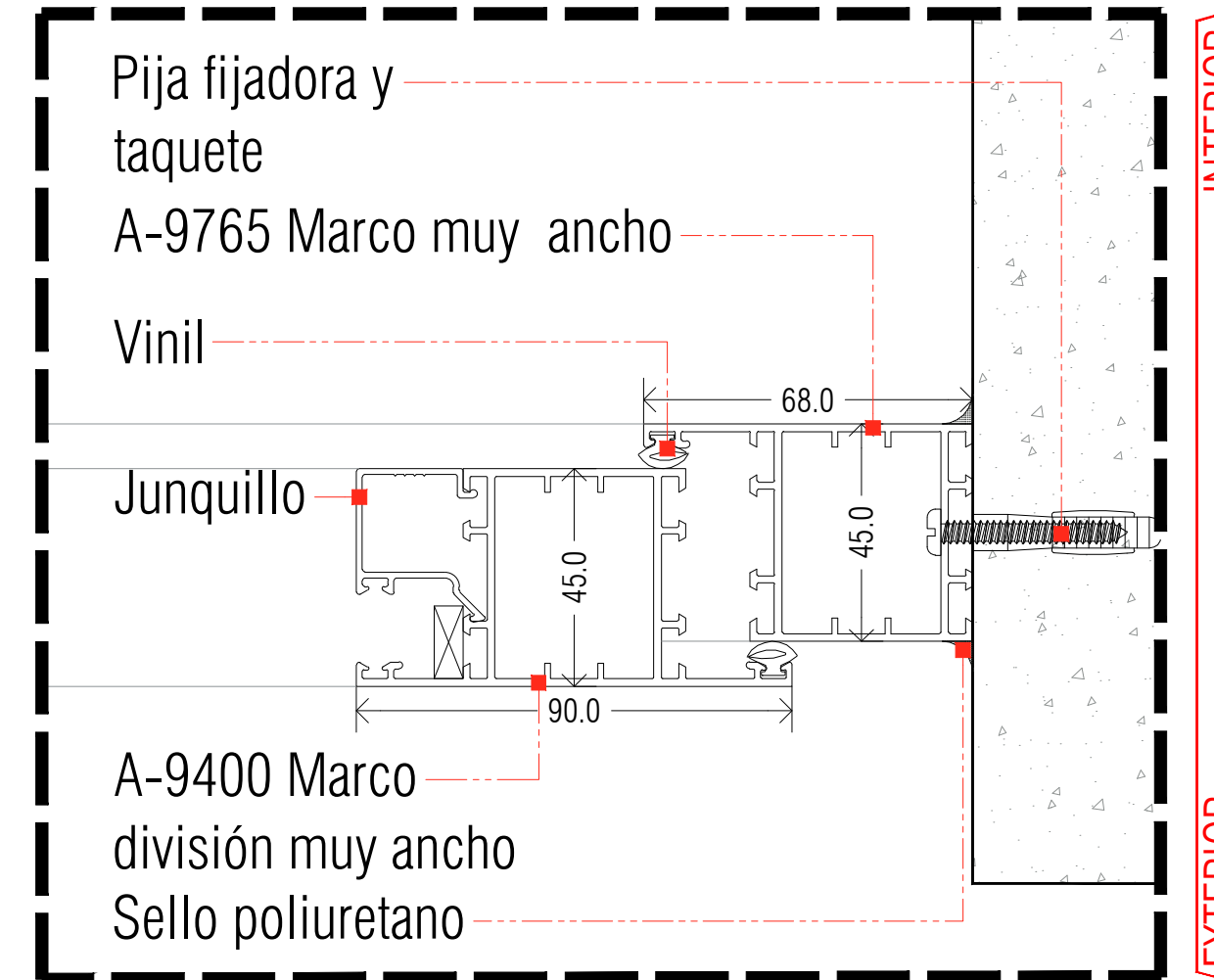
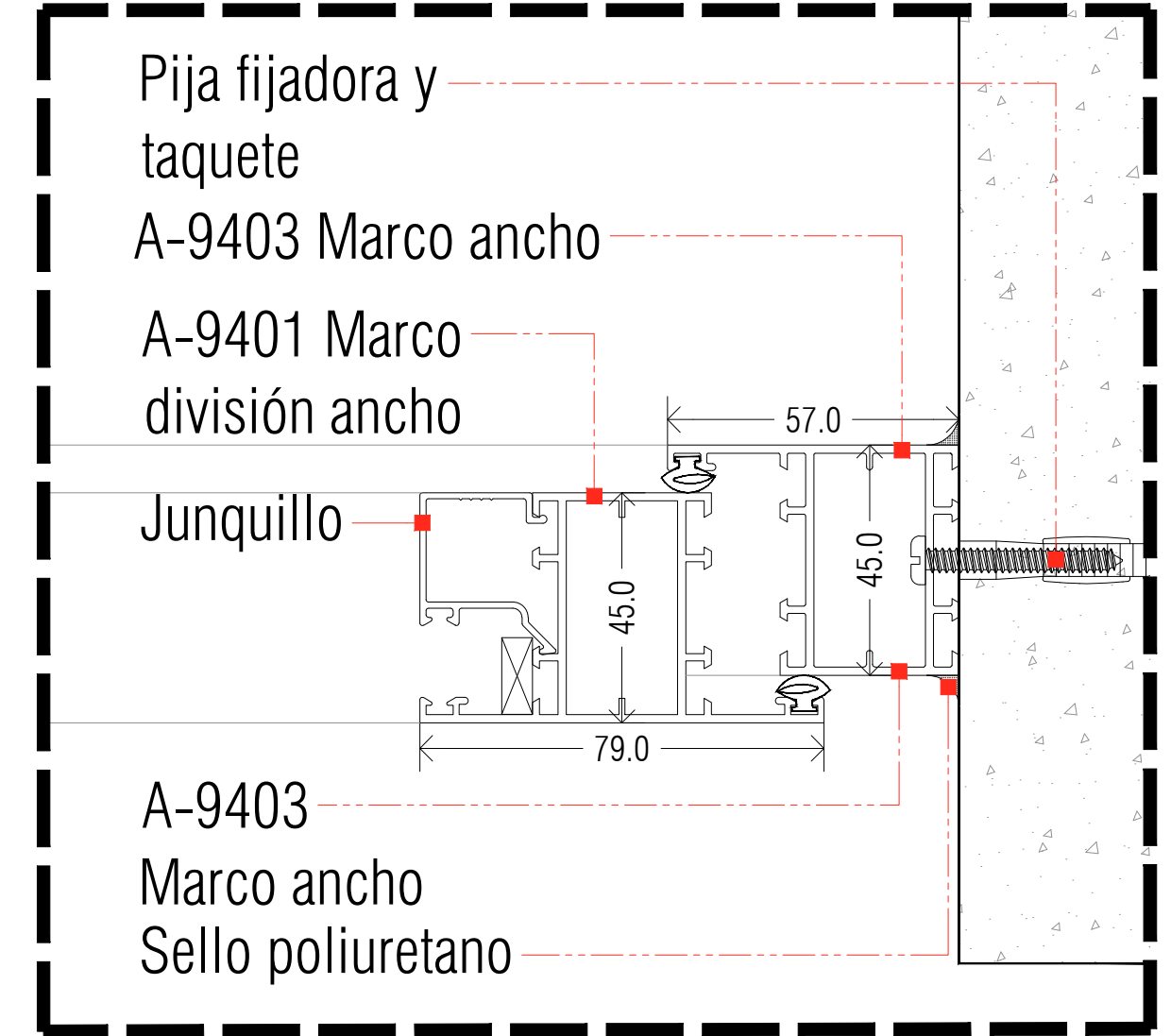
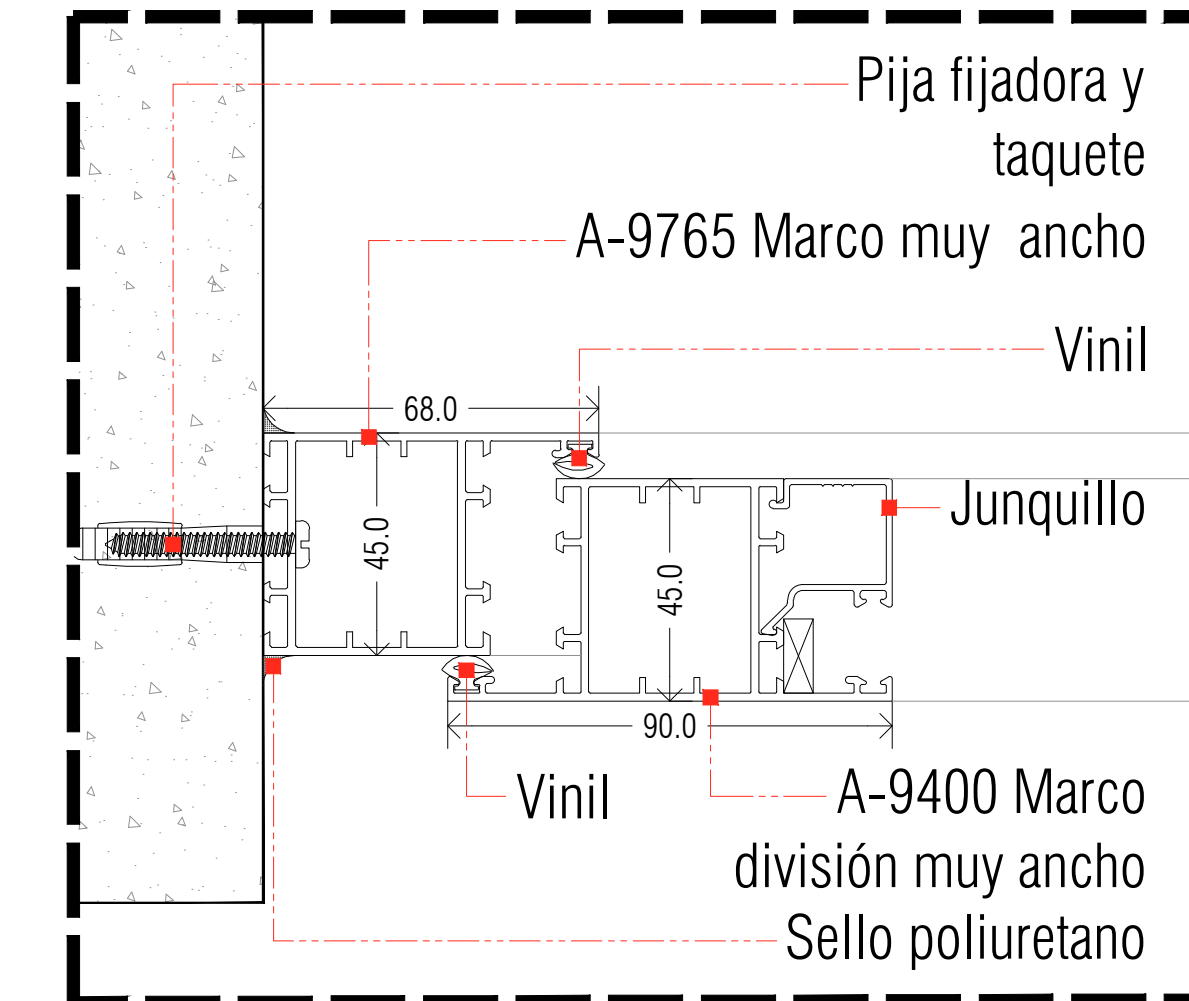


INTERIOR EXTERIOR

Corte A



Corte A



INTERIOR

EXTERIOR

INTERIOR

EXTERIOR





CULTURAL
LOUNGE
LOUNGE

CLIENT **REVIEWS**

X The perfect match for the needs of our new home, without a doubt, a superior design guaranteed to last a lifetime.

JOSÉ CASAS Valle de Bravo.

X After several consultations with our AviPartner, we found the perfect product that eliminates 80% of the exterior noise and used it in the remodeling of our office.

GRISelda MAGAÑA Interlux, CDMX

X The hotel looks spectacular after the change in the The Doors & Window Systems that we found in AviGlass.

JAVIER ROBLEDO Grupo Posadas, Los Cabos.

Doors & Window Systems
INTO THE FUTURE



NEW PROJECTS

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