

# AVI90 SYSTEM

Aviglass Collections

DOORS & WINDOW SYSTEMS



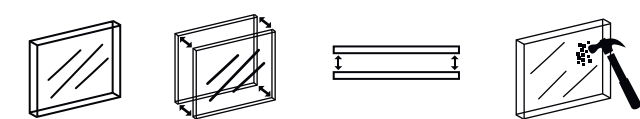
TYPE OF GLAZING



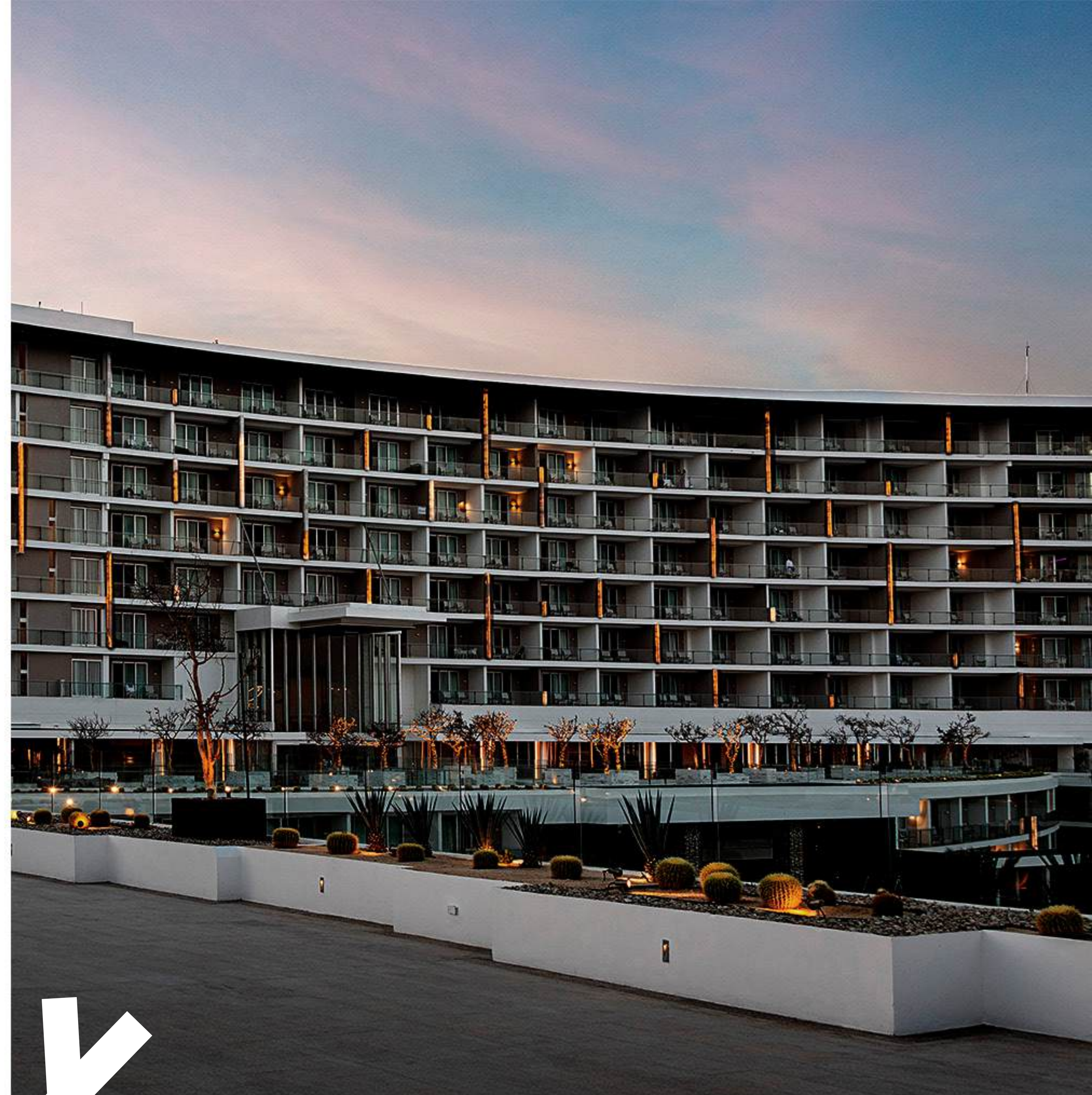
SYSTEM ENHANCE



SLIDING SYSTEM



P X O







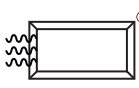
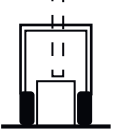


# INFORMATION CONTENT




- 1.** Cover
- 2.** Index
- 3.** AviGlass Nomenclature
- 4.** Glazing System
- 5.** General description and recommendations for use
- 6.** Glazing Type
- 7.** System Type
- 8.** Type of operator and opening
- 9.** Technical drawing
- 10.** Projects
- 14.** Client reviews
- 15.** Contact information

# AVIGLASS NOMENCLATURE

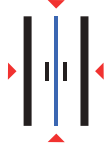


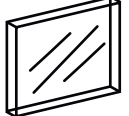
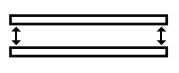
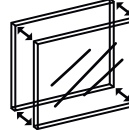
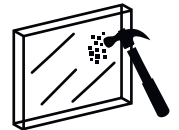
## DOORS & WINDOW SYSTEMS

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

## TYPES OF GLAZING

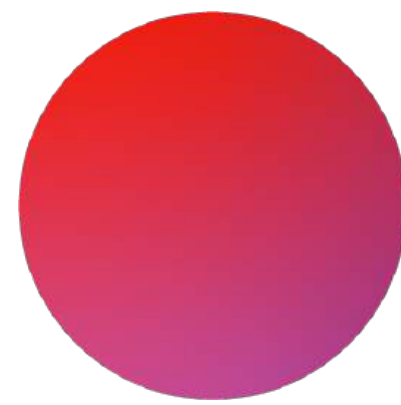
	<b>Monolithic</b>	Glass sheet consisting of a single sheet, with a variety of thicknesses.
	<b>Laminated</b>	It is a type of safety glass that is composed of two or more layers of glass joined together by an intermediate layer of plastic material.
	<b>Insulated</b>	Monolithic or laminated crystals separated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

## SYSTEMS ENHANCE

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



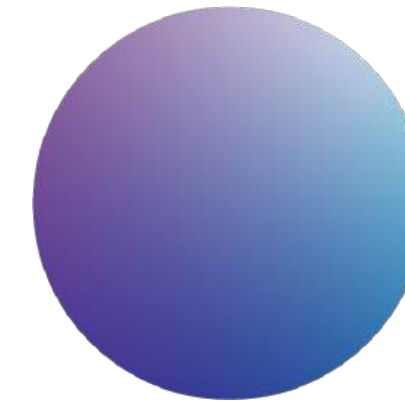
**GLAZING**

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



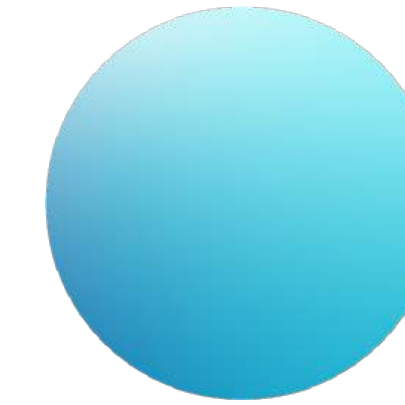
**WINDOWS**

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**

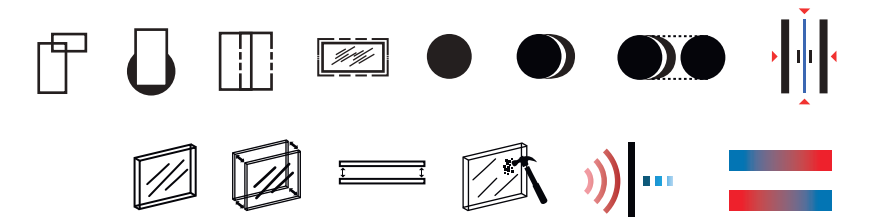
We create Doors & Window Systems that guarantee the correct use of the opening solution of the project, meeting the specific needs of the client.



# AVI90 SYSTEM

System with sliding opening design, with option to integrate reinforcement.  
Ideal for hotels and residences with panoramic views.

- With the option of including reinforcements to increase height and strength.
- Maximum sheet dimensions are 2.50 m wide x 3.60 m high and 90 mm wide \*  
\*Consult weight and maximum dimensions according to typology.
- Load capacity up to 400 kg.
- It offers thermal and acoustic options, always preserving airtightness and watertightness.
- With option to include mosquito netting.





# TYPE OF GLAZING

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

 Up to **24 mm** glazing.

# SYSTEM TYPE

A profile designed to meet the aesthetic needs of any modern and international development. Using high-strength aluminum, our AVI90 system has a guarantee superior to the regular market, assuring design and quality for the project.

- Specialized system for high-rise projects.
- Modern profiles with straight, defined cuts, without curves.
- Electro-painted, anodized or sublimated finishes.
- High quality 90 mm aluminum frames.
- With two-rail, three-rail and up to six-lane sections.







# TYPE OF OPERATOR | OPENING

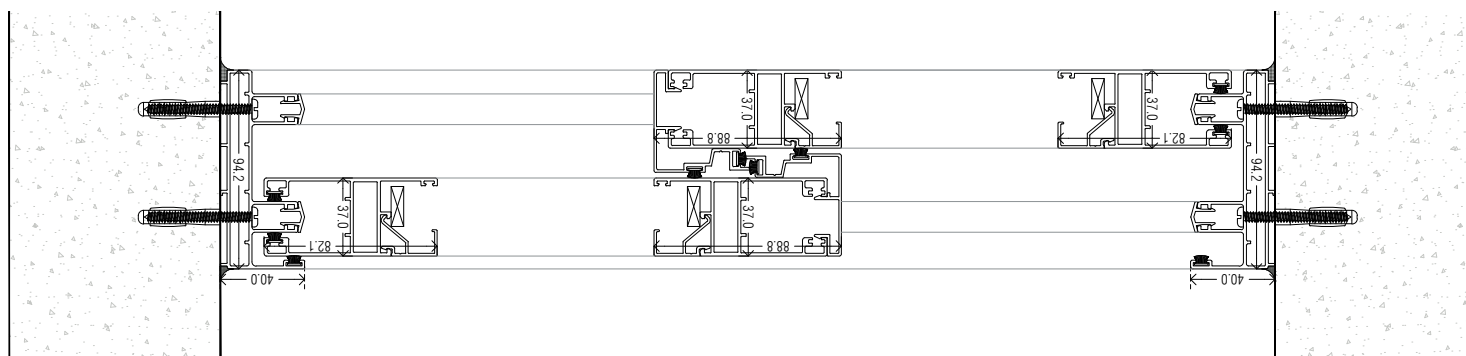
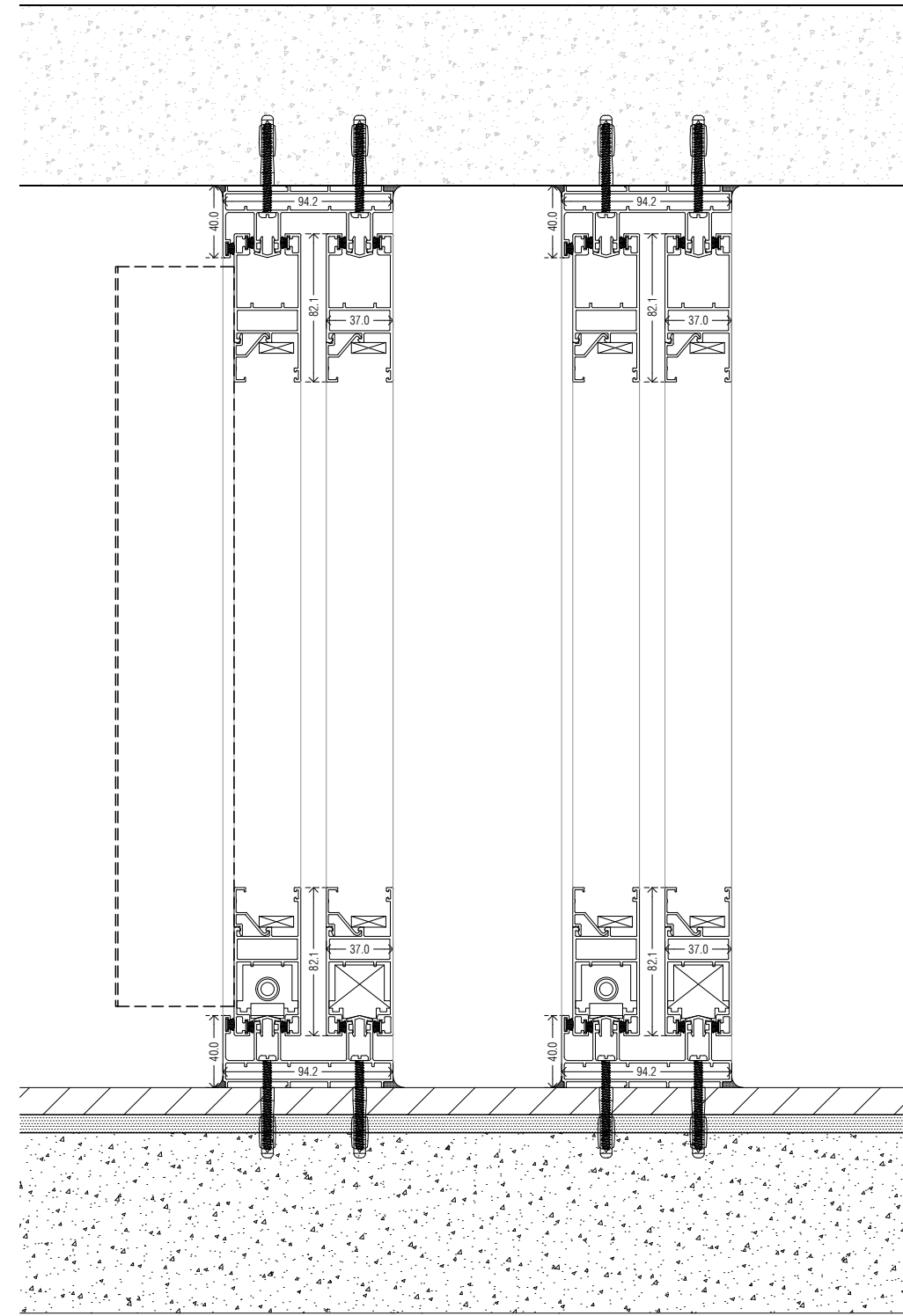
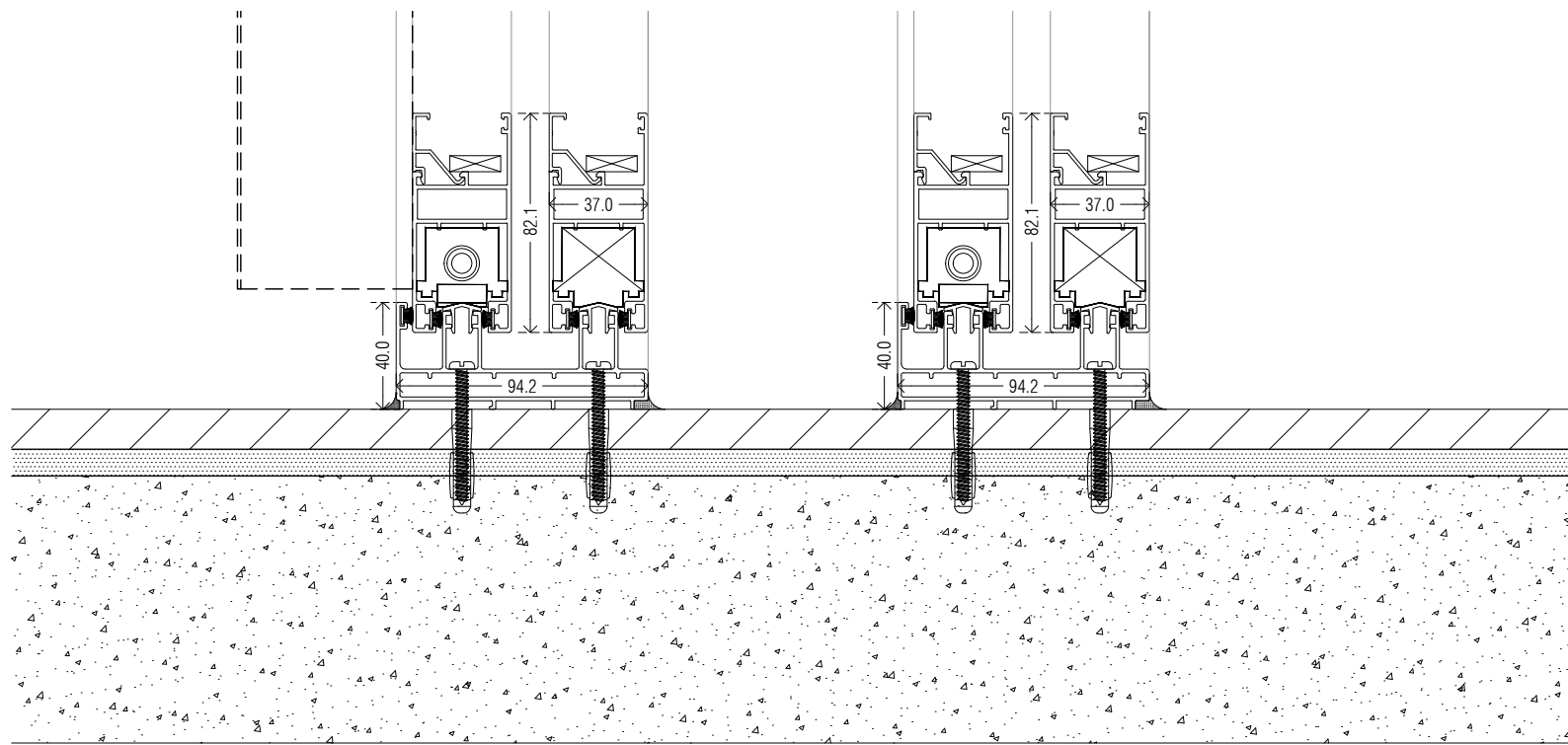
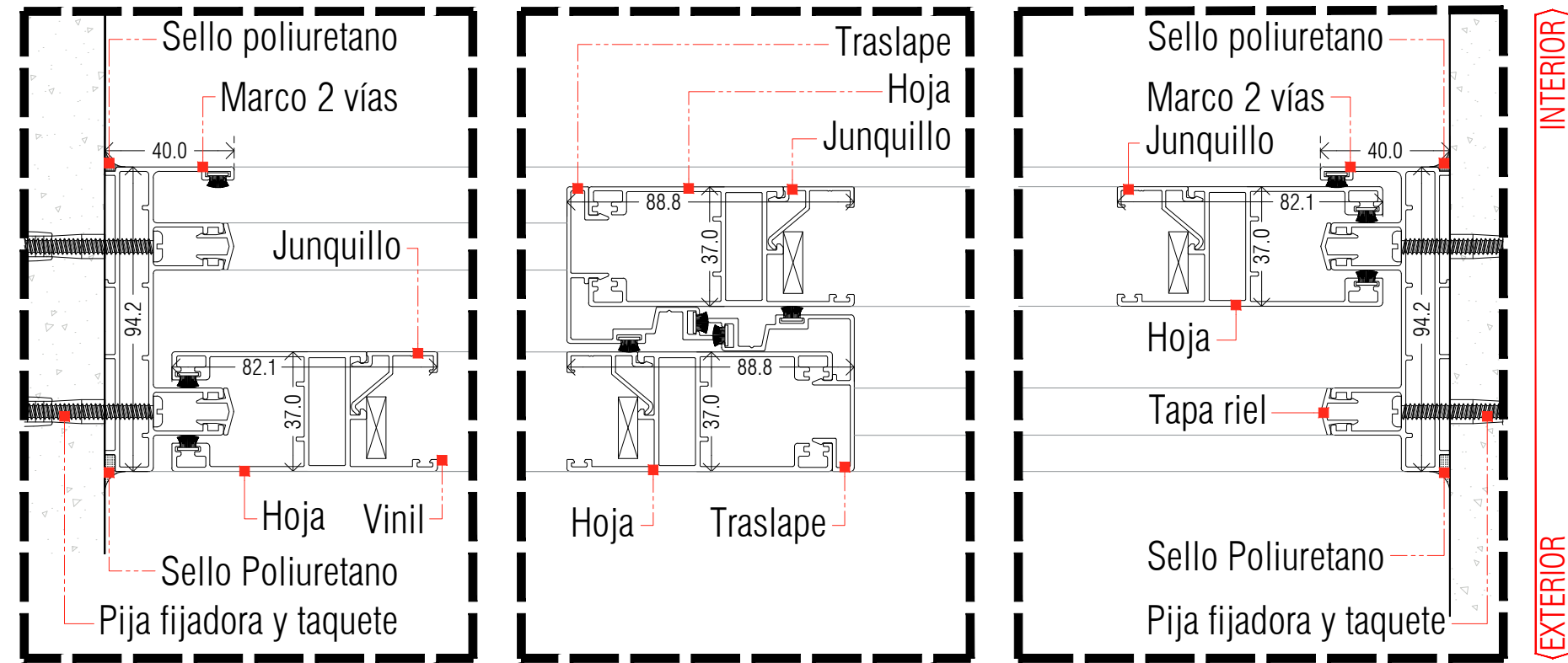
With high quality hardware systems, the AVIgo system offers multiple variations in operator types and opening configurations. Giving the user solutions outside the regular market, with the guarantee of exceeding expectations in quality and functionality over time.

- Single or multipoint locking system.
- Handle.
- Mortise lock.

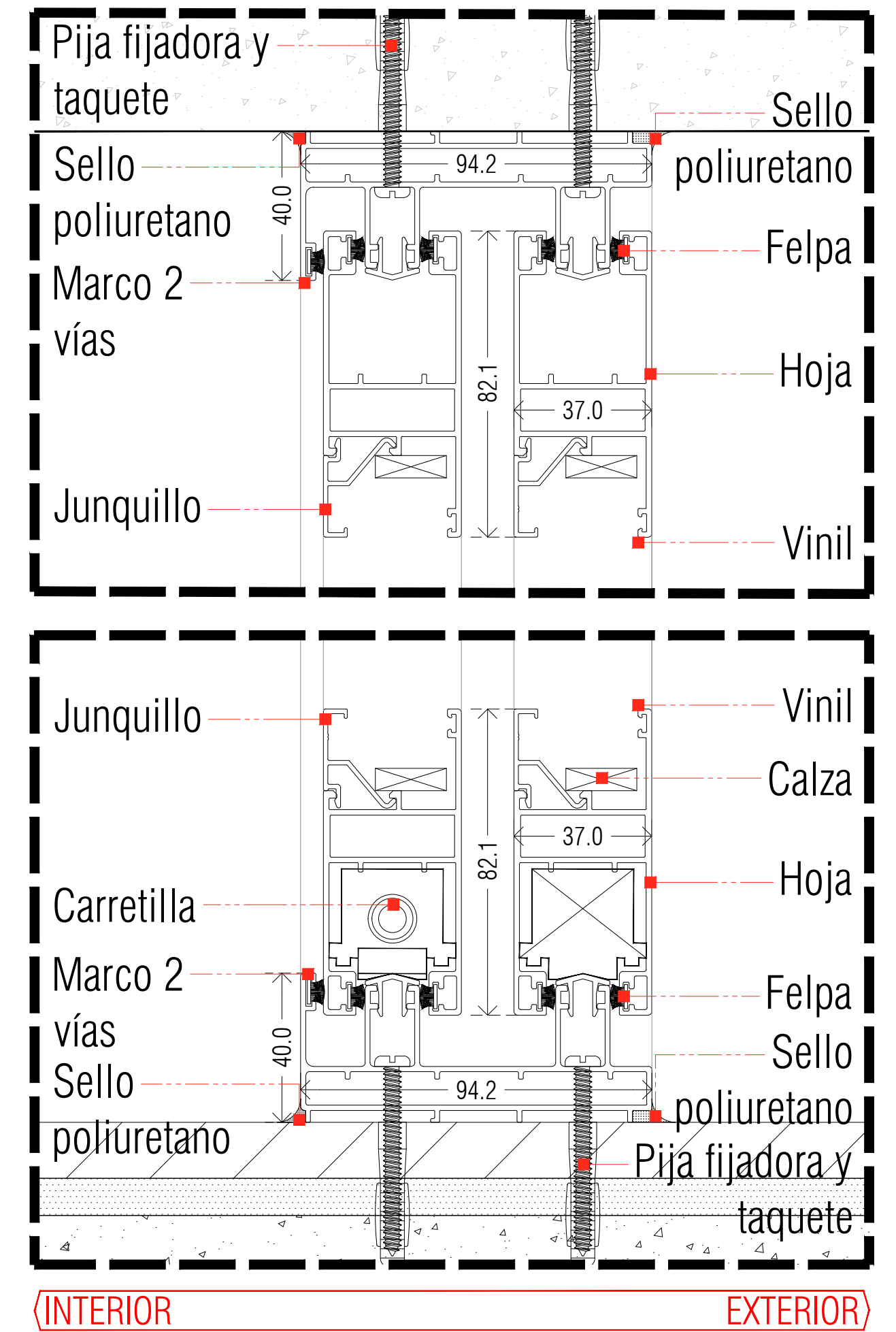


# TECHNICAL DRAWING

Corte A



Corte B

















# 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**

52 5543849297

[ejecutivocomercial@aviglass.com.mx](mailto:ejecutivocomercial@aviglass.com.mx)



