

frameless

seeglass one

glazing systems



*Creating usable
space with an
unimpeded views...*

C³ Systems[®]



Company

The Company has been established with the main aim of developing, manufacturing and marketing horizontal and vertical glazing systems.

C3 SystemS, S.L. offers a wide and varied range of accessories, providing you with easy and rapid solutions to improve and create habitable space without the need of construction work.



C3 SystemS main goal is "customer satisfaction". We use modern high precision machinery, highly qualified staff, the most advanced technology and strict quality control.

QUALITY AND INNOVATION are the key factors linked to the research and development of our product, providing our clients with the product they deserve.



Seeglass is manufactured solely in Spain. Every part is designed and manufactured by engineers of C3 Systems S.L., guaranteeing a first class quality product, which has passed the strictest quality controls.



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Frameless glazing systems.

Product

Seeglass is a high quality glazing system designed to create comfortable living space whilst increasing the value of the property.

Seeglass glazing systems are very adaptable and can be installed a variety of locations from conservatories, balconies, terraces, offices to commercial premises. It creates new usable space that when closed is protected from the elements.



Appearance and Functions

Seeglass can be used all year round as it is completely retractable.

Depending on the requirements of the architect or client the panes can be opened from either side, once opened all the panes can be cleaned from the inside safely.

Seeglass systems are ideal for hotels, restaurants, cafeterias, function rooms, partitions, shops and offices.





Advantages

- Does not detract from the aesthetics of the building
- Protection from harsh weather
- Fast installation without costly reforms
- Easy handling and cleaning
- High quality and high resistance product
- Adaptable to any need
- Makes use of unused spaces
- Extends the life of the building protecting the structure from the elements
- Reduces the maintenance of terraces

Learn more

According to the top installers and professionals of glass curtains, seeglass is the leading manufacturer of frameless glazing systems using the latest and most advanced technology.

Questions and Answers

Is the SEEGLASS system adaptable to any balcony, terrace or porch?

It depends on the structure of the building, but in 95% of cases it is possible. The SEEGLASS system is adaptable to almost any kind of structure.

**Can all glass panes be opened?
How does it work?**

The entire system can be opened, the first pane is opened inwards then each pane slides across towards it and hinges open in the same way.

Does this system keep a balcony, terrace or porch heated?

The systems purpose is not to maintain temperature in a balcony, terrace or porch. However SEEGLASS has the capacity of tempering outside temperature between 10 and 15 °C and extends your balcony season.

If you have any queries regarding Seeglass systems you can visit our website: www.c3systems.es. on the frequently asked questions section.



Uses

The current design of buildings whether it be residential, commercial or industrial is based on functional factors and appearance.

The use of glass as a building material is becoming more and more in demand every day. Only glass can combine beauty, durability and transparency while fulfilling modern design requirements. The use of glass in façades increases the feeling of open space, brings light inside and fits in perfectly with the surrounding environment.



RESIDENTIAL

The system creates new, light-filled, spacious rooms in the home.

The **seeglass** system has many advantages: considerably reduces exterior noise, wind, water and dirt. Reduces the cost of air-conditioning and increases the value of the property whilst gaining more space to enjoy.

The **seeglass** system uses tempered safety glass, in 8mm and 10mm thickness, giving both security and protection.



RESTAURANTS

The **seeglass** system is used more and more in restaurants, terraces, bars, etc. It gives the feeling of being indoors and outdoors at the same time. Some useful options are the "Embedded Lower Profile" to avoid accidents. The "**Moving Door**" to enable the complete opening of the system. Security locks, different effects and graphics on the glass.

ROOFS

Roofs can be made to be fixed or retractable. It keeps the structure protected from the entry of air, water and wind from outside.



FAÇADES

The system makes the most of unused areas in your house, rapidly adding square metres of habitable space to your house effortlessly, with minimum building work.

INTERIOR DESIGN

Seeglass system allows the possibility of separating or enlarging the inside of your business or home. You may change or convert spaces achieving the maximum result.



POOLS

Retractable roofs and **seeglass** glazing combine perfectly to offer the best results for your pool.



ARCHES

The system is also adaptable for any kind of arch construction. We recommend you to install "**Moving Door**" as the panes can be slid to any side to leave the passage completely free.

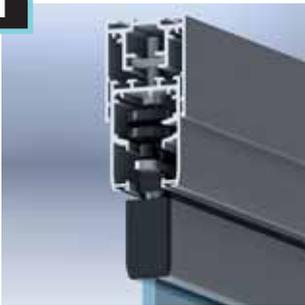


Details and options

The seeglass system can offer the installer and manufacturer the biggest range of options and variations in Europe. The system allows all clients to be satisfied whatever their needs, by designing accessories and patented components to meet all demands.

TELESCOPIC TOP PROFILE

1



PANES ARE MECHANICALLY AND CHEMICALLY FIXED

2



The **seeglass** system allows you to slide the glass panes whichever way you like. Openings can be internal or external, fixed panes can be cleaned easily.

INTERMEDIATE OPENING

3



STANDARD INTERNAL OPENING RING HANDLE

4



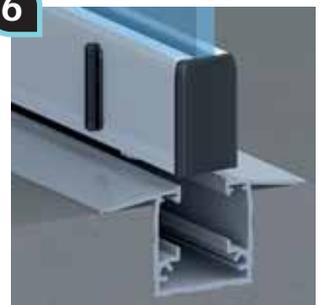
STANDARD INTERNAL / EXTERNAL OPENING RING HANDLE

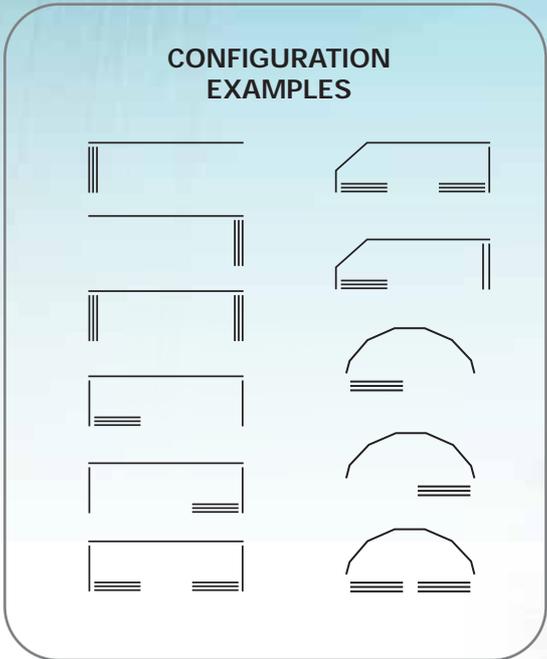
5



EMBEDDED LOWER PROFILE

6





KNOB LOCK



CRANK LOCK



We can offer you a wide range of locks, which are compatible with our system. These locks allow the opening from both inside and outside as well as being able to lock the door from both sides. In this case the access pane should be 120mm wider than the rest of the glass panes to avoid crashing with the lock sticks.

WALL LATERAL PROFILES

A-OPENING PANE

B-FINAL PANE

7



8



MAXIMUM VERSATILITY

- Internal and external opening
- Double opening system both internal and external
- Moving Door

- Security locks
- All types of finishing and decoration of glasses and profiles
- Tempered safety glass



Details and options

The professional **C3 SystemS team** all give the best solutions due to our knowledge of new advanced technologies, quality and environment regulations.

Our promise to beat any competition and our innovation capacity makes us the leader in our field.

We have a research and **R&D department made up of a highly qualified team of engineers** who study and analyze market tendencies and investigate the most cutting edge products.

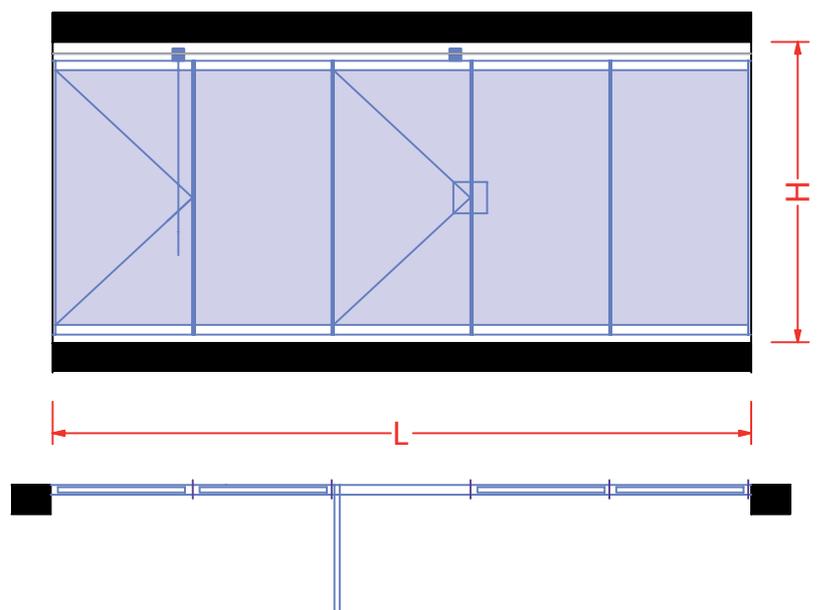
We believe in quality which is reflected in the raw materials and technology used in our production process.



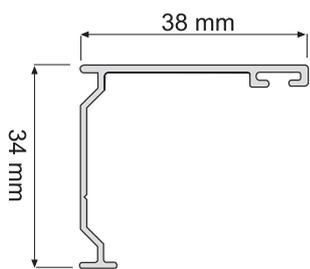
MOVING DOOR



The Moving Door can be situated in any part of the seeglass system and have a lock.



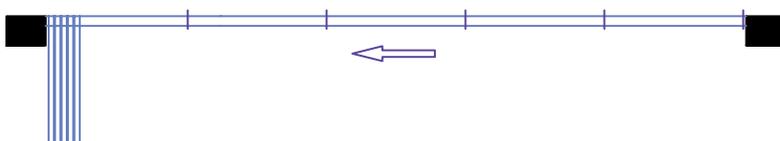
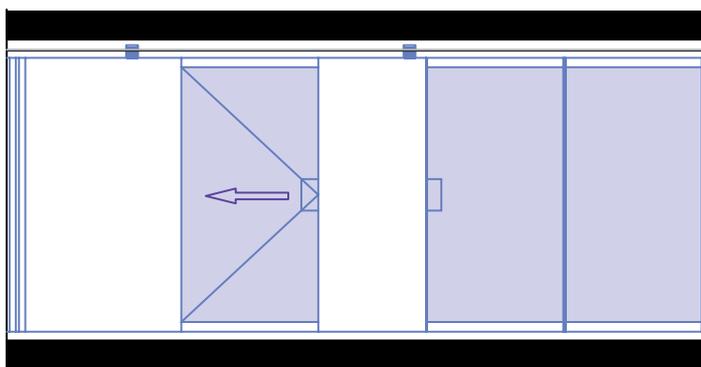
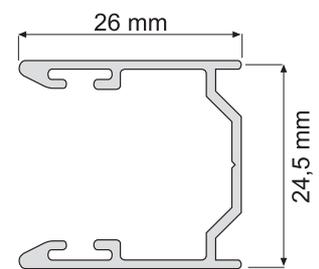
OPENING PANE



Wall Lateral Profiles

Specially designed profiles prevent entry of air from outside. Often they are used as side trimmings to hide imperfections of building work, for example exposed brick. The installation is fast and easy and is possible to be placed in existing systems.

FINAL PANE



The Moving Door can be slid in one easy motion to open the whole system.



Technical details

The entire C3 Systems team along with the research and R&D department can offer some technical details, which we hope will be easy to understand and give the technical support need for your projects, quotes, sales, etc.

Both technical and R&D department will always be at your disposal for any question or query you might have.

You can send us files in 2D or 3D design format, PDF files and images in JPF, TIFF or others.

Durability

The seeglass system undergoes extensive resistance tests.

One normal sized glass curtain system can support over 5.000 cycles of opening and closing all of its panes.

Corrosion protection

Corrosion protection Glass curtains can sometimes be exposed to damaging environmental conditions.

Applying a high performance processing to the wheel support it is equivalent to a stainless steel corrosion resistance. The wheel support can last longer than 450 hours in a Salt Spray Chamber.

Raw material

Our raw materials are made from the highest quality: engineering plastics, stainless steel screws, high resistance anodised aluminium, etc.



Compatibility of Opening Systems

		OPENING SYSTEM			
		STICK HANDLE	STICK & RING HANDLE	DOUBLE RING HANDLE	LOCKS
OPENINGS	INT	COMPATIBLE	COMPATIBLE	COMPATIBLE	COMPATIBLE
	EXT	COMPATIBLE	COMPATIBLE	COMPATIBLE	COMPATIBLE
BLOCKADE	INT	NOT COMPATIBLE	NOT COMPATIBLE	COMPATIBLE	COMPATIBLE
	EXT	NOT COMPATIBLE	NOT COMPATIBLE	NOT COMPATIBLE	COMPATIBLE
MOVING DOOR	INT	NOT COMPATIBLE	NOT COMPATIBLE	NOT COMPATIBLE	COMPATIBLE
	EXT	NOT COMPATIBLE	NOT COMPATIBLE	NOT COMPATIBLE	COMPATIBLE
INTERMEDIATE OPENING*	INT	COMPATIBLE	COMPATIBLE	COMPATIBLE	NOT COMPATIBLE
	EXT	COMPATIBLE	COMPATIBLE	COMPATIBLE	NOT COMPATIBLE

● COMPATIBLE ● NOT COMPATIBLE

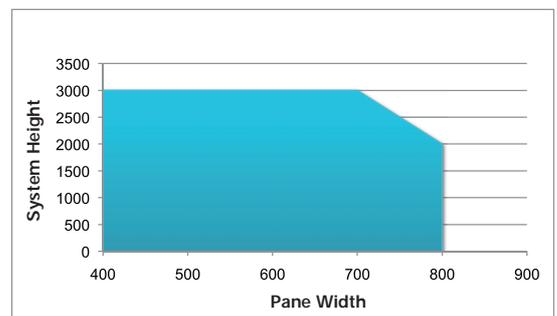
* Minimum width of pane: 500mm

System weights

8mm Glass 20Kg/m²

10mm Glass 25Kg/m²

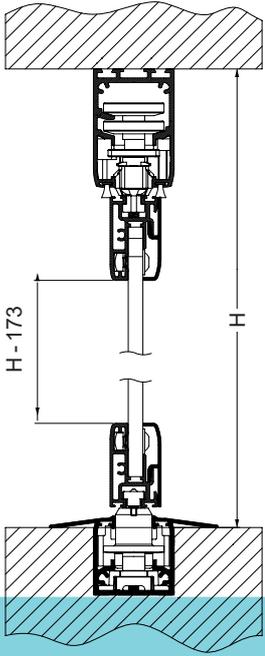
Width-height Table



CROSS SECTION OF SYSTEMS

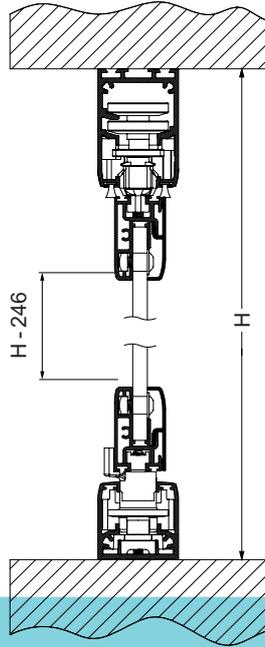
1b

Standard Top Profile
Embedded Lower Profile



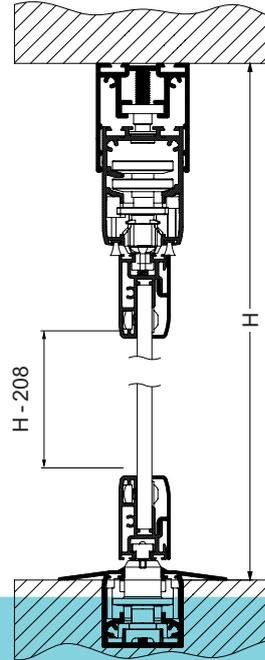
2b

Telescopic Top Profile
Standard Lower Profile



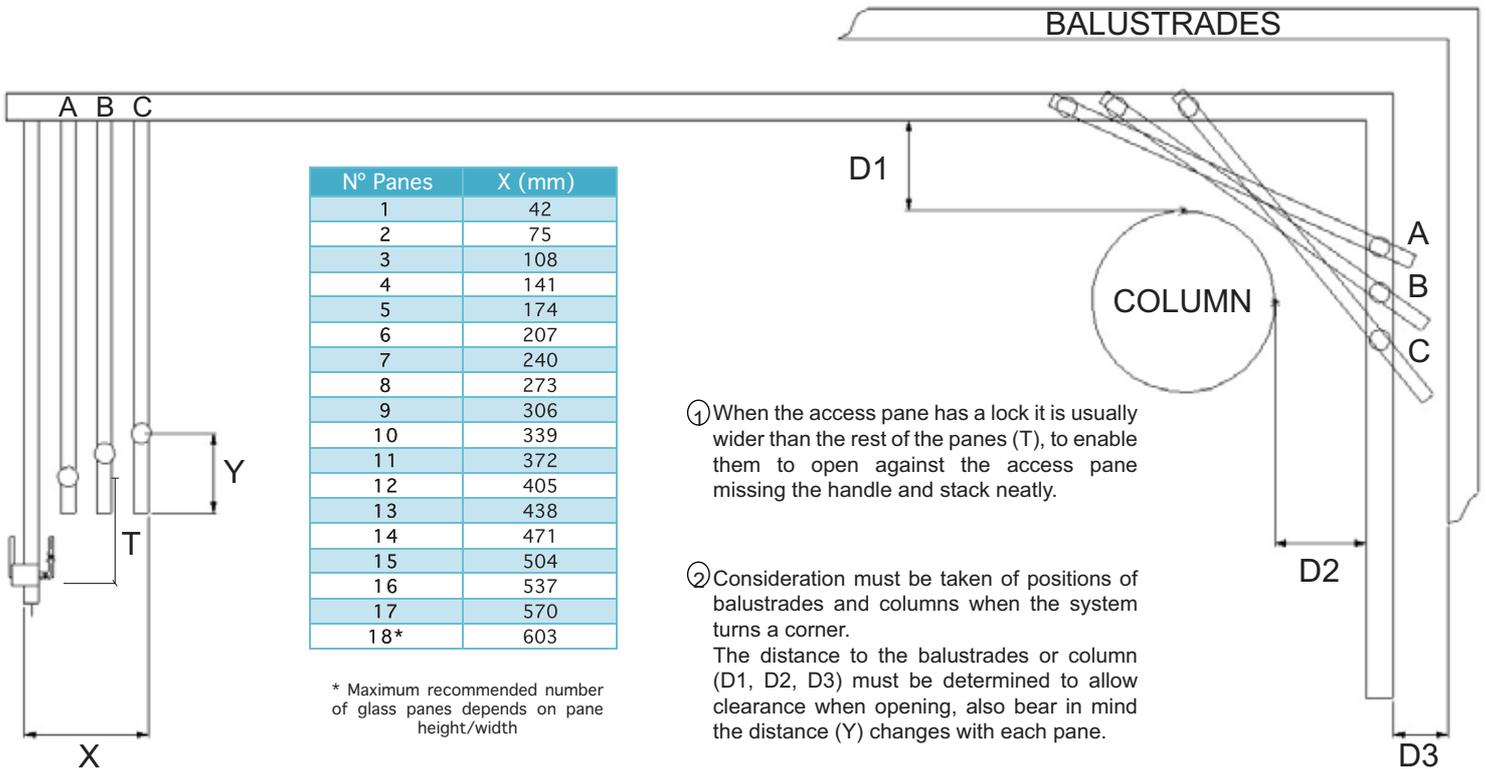
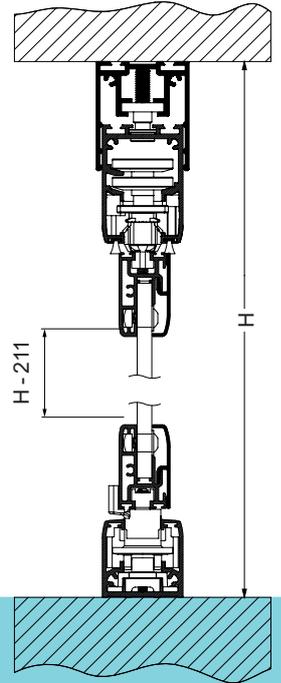
3b

Telescopic Top Profile
Embedded Lower Profile



4b

Standard Top Profile
Standard Lower Profile





Certificates

All our systems are designed by C3 SystemS engineers and manufactured in SPAIN, so you are purchasing a high quality product that has passed the strictest quality tests. You can check the results of our wind resistance, sealing test, etc.



Packaging



Our specially designed packaging protects our seeglass products from any damages. The product can then be installed without damages or scratches.



CE	C3 SystemS, S.L.		
	2010 Edo. Parque Empresarial C/ Juan de Herrera, 34 03203 - EL CHE (Alicante)		
Norma referencia UNE EN 14351 - 1			
Cerramiento Acristalado seeglass			
vidrio templado monolítico seguridad			
Tipo de Ensayo	Medida	Clase Vidrio	
Permeabilidad al Aire	1800x1500	2	8mm
	3300x2630	2	10mm
Resistencia al Viento	1800x1500	6	8mm
	3300x2630	5	10mm
Sustancias Peligrosas	Cumple normativas en vigor		

Seeglass has a CE marking

We can certify our product authenticity with a Declaration of Conformity. The product can be identified with the label above.



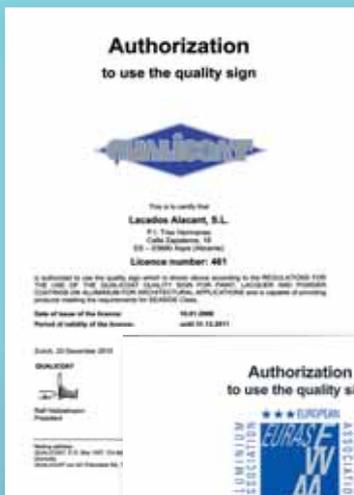
Work method

C3 SystemS and its entire organization works on strict internal and external quality controls. We require all our suppliers, collaborators and partners to provide quality guarantees such as certificates, registers, testing of production processes and management.

Glass

Seeglass has all the necessary official documentation certifying the quality of the **GLASS**. You make check the glass **CE MARKING**. Our glass is high resistance tempered, secure, with polished edges, etc. So we are sure you and your family will enjoy a *safe and guaranteed product*.

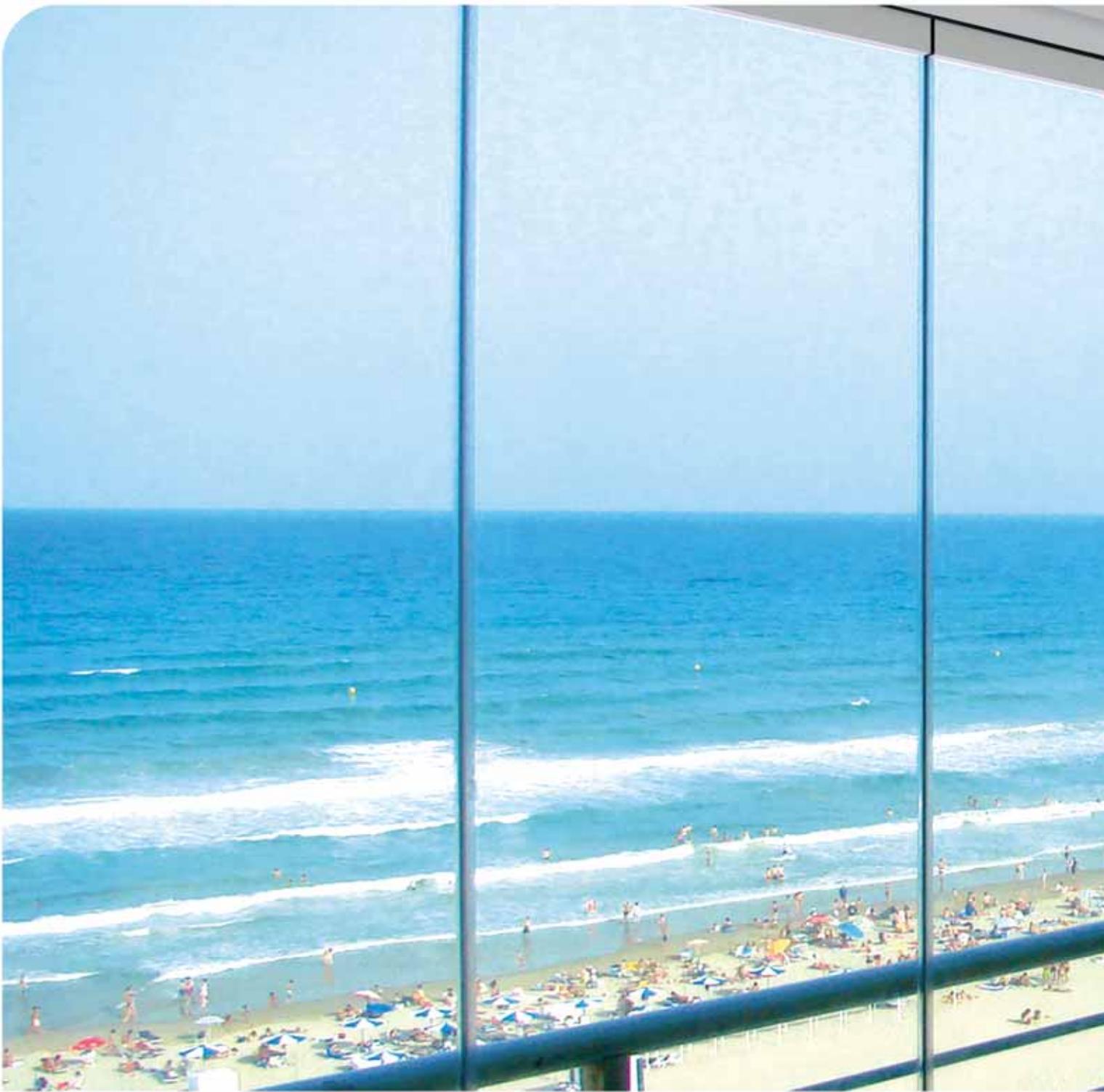
To have an idea about the increased resistance of tempered glass, we first have to know the rupture of common glass is 350 to 550kg/cm², while tempered glass is 1850 to 2100 kg/cm².



Coating



Seeglass Aluminium is processed according to the International Standards of Qualanod, Qualideco and Qualicoat which certify the quality of the processing.



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