

Instruction Manual and Warranty Book

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MA001	Manual de Instrucciones y folleto de garantía	ING	V2-14
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1. GENERAL AND SAFETY INFORMATION

1.1 Recommendations

READ ALL WARNINGS AND INSTRUCTIONS OF THIS MANUAL.

This manual is part of the product. Keep it carefully and in good condition and have it always available for future reference.

The manual includes all instructions for a proper use of the system, to prevent personal injury or damages at installation.

For any questions or unforeseen situation, consult with your system manufacturer.

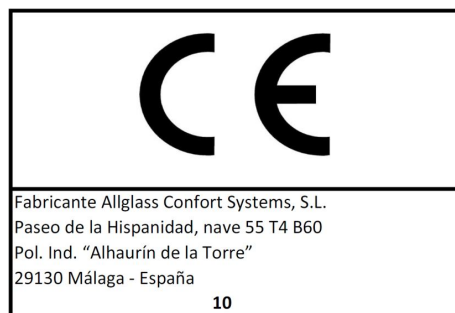
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Installation of the system corresponds solely to authorize and specialized personnel.

Any alteration or modification made without the manufacturer's authorization exempts itself from any liability for damages that may cause.

1.2 Identification of the product

The CE identification can be located in this manual. Following data are displayed:



CE Marking

Name and address of the registered office of the manufacturer

ication

The self-certification document Appendix 1) is an integral part of this manual. At Appendix 0 is CE Marking:

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2. DESTINATION OF USE

2.1 Intended use of the installation

The instructions manual is written for anyone who uses the system as an installer, owner or the end user.

The installation is designed and manufactured exclusively as a glazing system for civil buildings, residential, commercial and various community services.

The system must be used only and exclusively for use above.

Any other use is considered improper and wrong and disclaims any responsibility to the manufacturer for any damage or injury.

It is advisable to keep the panels collected and fixed with the help of the panel's holder in case of winds above 85 km / h

ATTENTION: It is essential for your safety, (collect) stack the panels before exceeding this limit. To use the system for other purposes than those indicated requires the permission of the manufacturer.

The breach of the terms of use, automatically voids any warranty given by the manufacturer.

2.2 Area of Use

The system has been designed and manufactured for both indoors and outdoors use.

Do not place fixed or moving objects nearby that can reduce the space for system operation.

2.3 User Requirements

Use of the installation it is not permitted to children under 12 years.

The installation and adjustment of the system must be performed by qualified personnel exclusively.

3. TECHNICAL DESCRIPTION

3.1 Mechanical components

Profiles extruded anti corrosion UNE EN 755

Cast aluminum alloy EN AB 46100 EN AB 44100

Coating Polyester powder thermosetting

Treatment of zinc anti corrosion DIN EN 13858 EN DIN UNE 12329

Tempered glass EN 12150-2
Alloy fittings UNE-EN 1774 UNE-EN 12844
Parts injected in polyamide
Stainless steel screws qualityA2
Sliding tracks in technical plastic

IMPORTANT: With strong exposure to saline environments it can appear peeling or blistering in lacquered aluminum. These conditions are not covered by warranty

4. PACKING, HANDLING AND TRANSPORTATION

Always keep the correct safety measures for the handling and transport of the components of the system to ensure that all items arrive at their destination in perfect conditions.

Avoid contact between aluminum parts to prevent damaging the paint. To store and transport the glass panes use rubber pads or anything similar to prevent them from) contact each other or anything that may scratch or damage them. During transport, secure and lock the load firmly with straps or similar items.

Any object longer than 2m or heavier than 50kg must be handled between 2 people.

ATTENTION: Do not let packing material within reach of children. This can be a source of danger.

5. INSTALLATION

The installation must be carry out by qualified personnel and in compliance with the installation instructions and current safety regulation for mobile structures.

When more than one installer it's required, must be designated a coordinator position.

Operators must act in accordance with the safety instructions received.

In case the system have to be installed from a relative high level to the ground, it is necessary to identify and surround the installation area under the suspended loads to make sure no one walks under them.

Tie securely suspended loads to prevent slipping and falling.

5.1 System installation

WARNING: Wrong installation can cause injury to people. Read the instructions for the correct attachment of the system in order to avoid risks.

Is necessary to check the area in which the installation is it will be made.

In case you do not fulfill the requirements, technical solutions such as structural frame profiles can be use.

You have access to the system installation manual at the following web address:

<http://www.alglasstodocrystal.com/es/manualInstalacion.html>

6. SYSTEM OPERATION

ATTENTION: Before operate the system, make sure there are no people or objects obstructing the panels path.

Do not force the system components. In case of malfunction, contact your nearest dealer. In case it is necessary to replace any parts, make sure that are only Allglass Confort Systems original parts . Original spare parts are stamped with the logo and the manufacture's mark from Allglass Confort Systems.

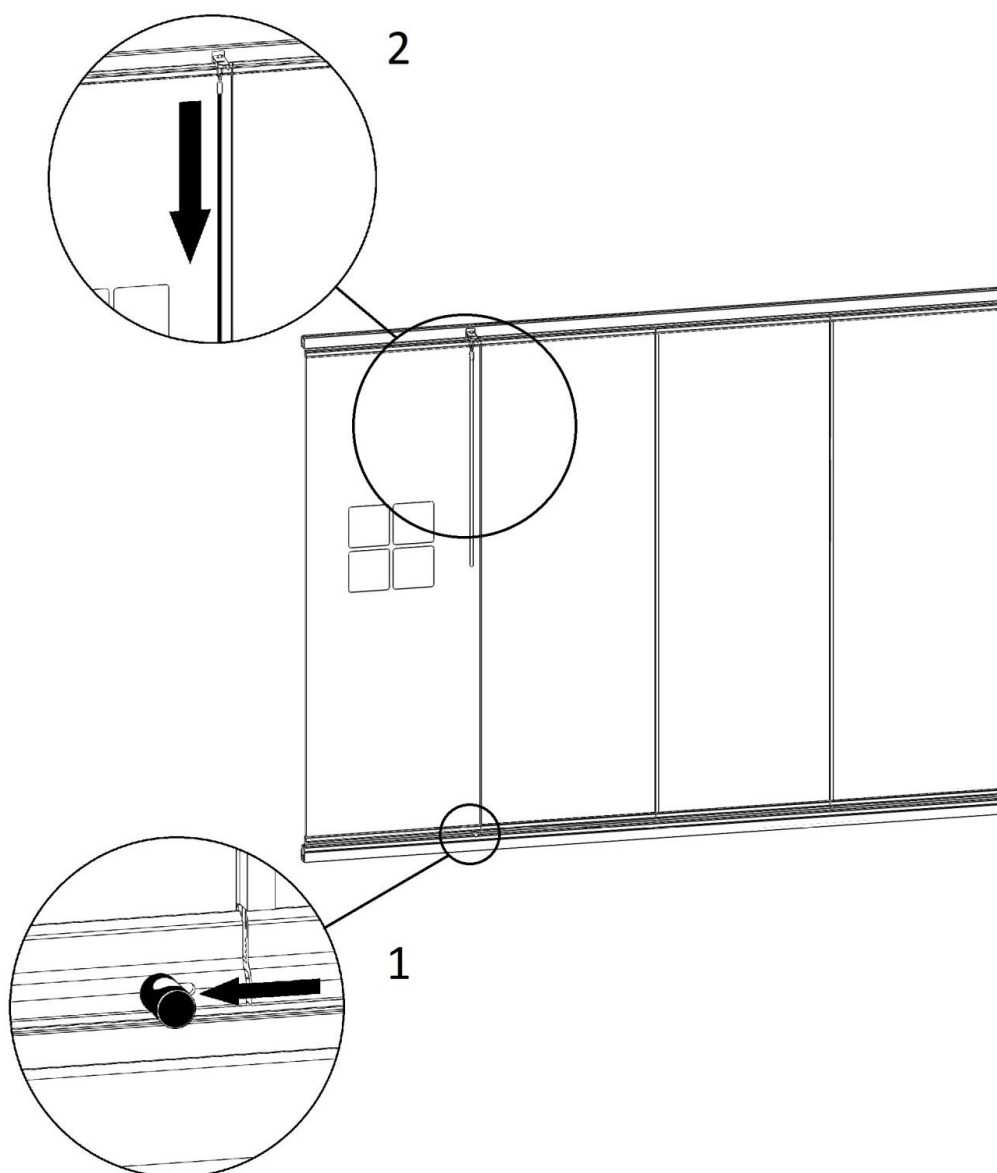
6.1 System opening instructions.

With the system completely closed, make sure there are no objects or persons blocking at the panels stacking space.

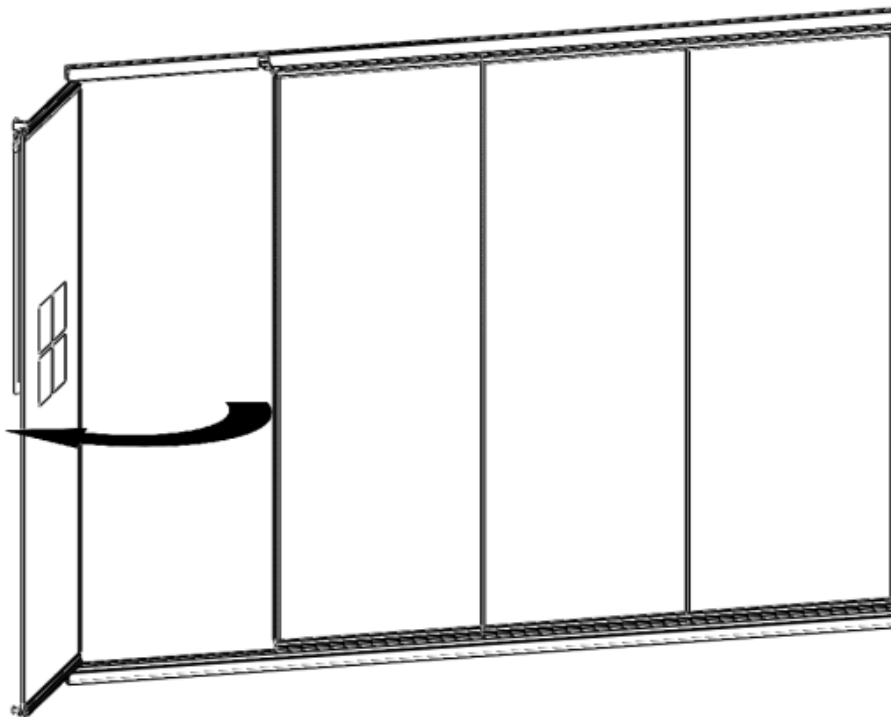
1 - First proceed to open the door as directed by the installation characteristics.¿?

Do not open the panels more than 90 degrees angle.

a- Standard system with top & bottom lock: First, unlock the bottom lock (lower closure) and then release the top lock with the methacrylate handle.

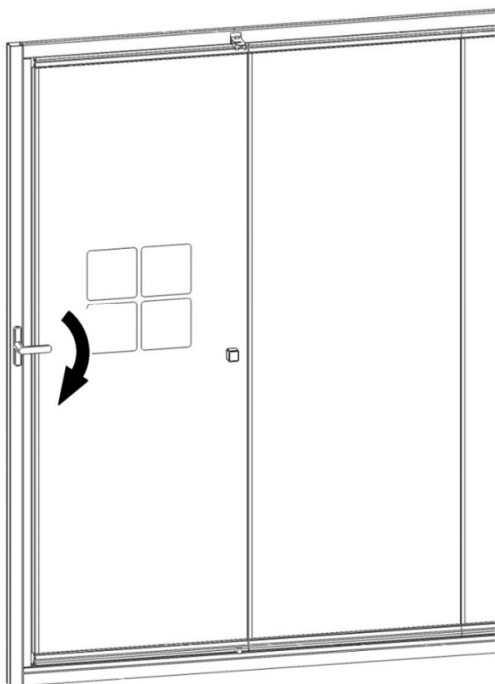


Pull the knob to open the door panel.

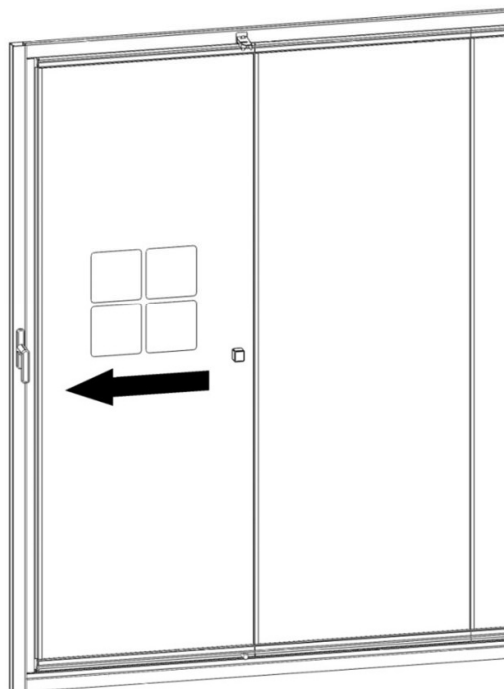


b- Side lock system: Turn the handle to free the movement of the panels. Then slide the door panel towards the same direction of the handle.

1



2

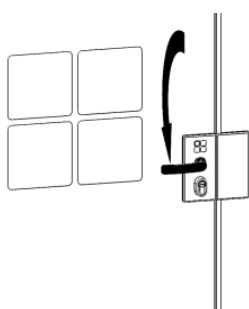


Open the door panel pulling from the glass knob.

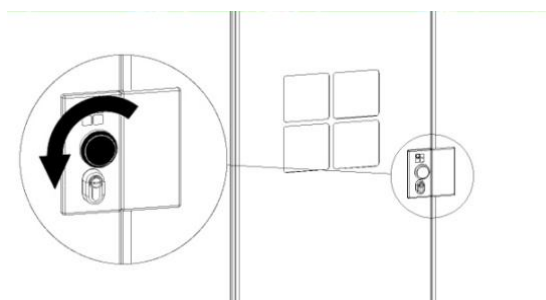


c- Lock & Key system: Follow the instructions of the images according to the type of lock installed.

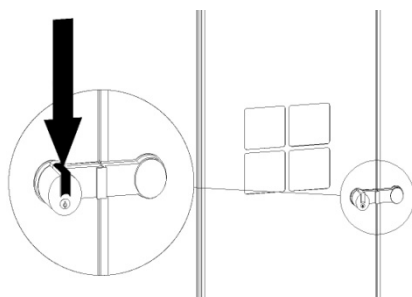
■ Lock with handle



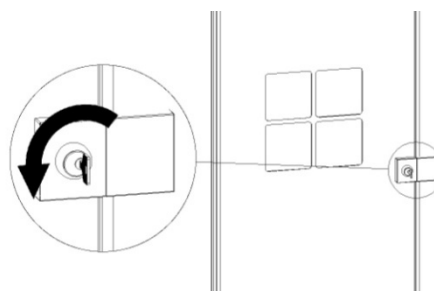
■ Lock with knob



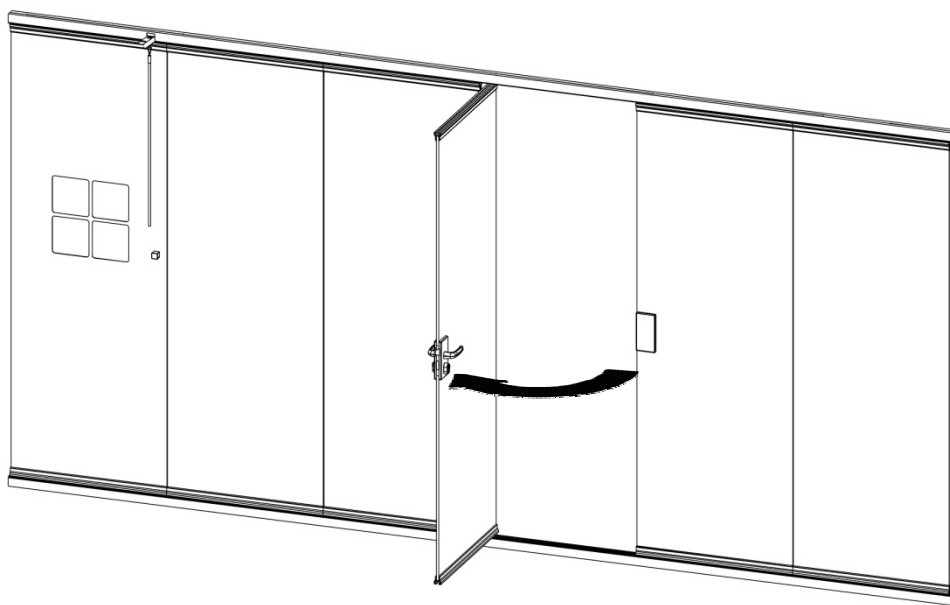
■ Oval lock



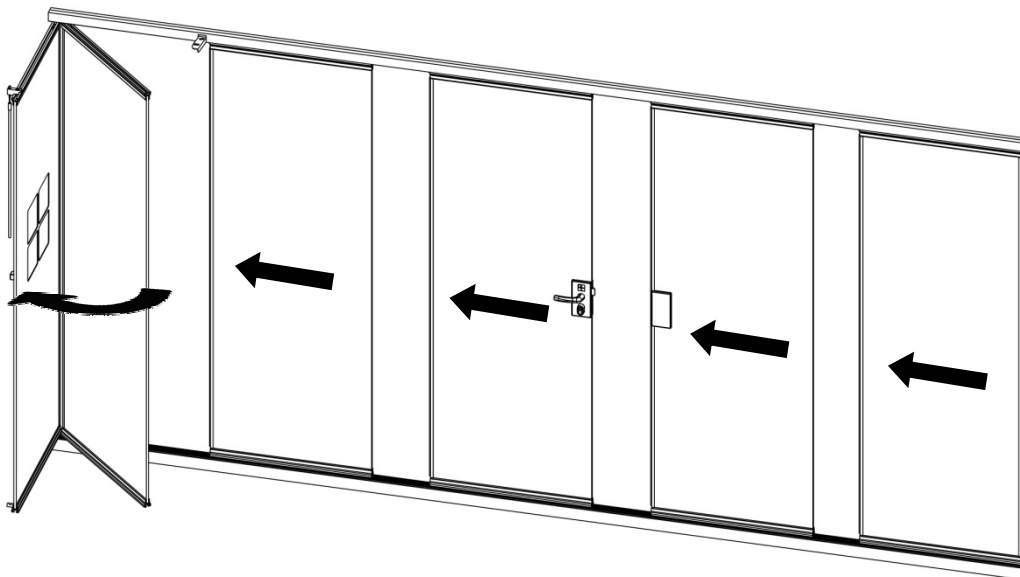
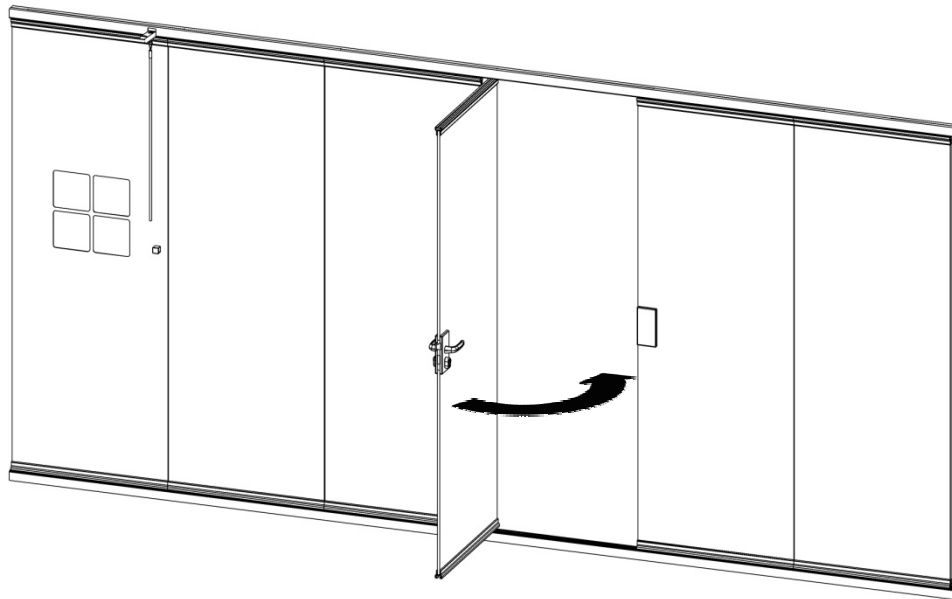
■ Children safety lock



d- Mobile door system: Turn the doorknob and open the moveable door in its position. Please open the mobile door only when the rest of the panels are closed

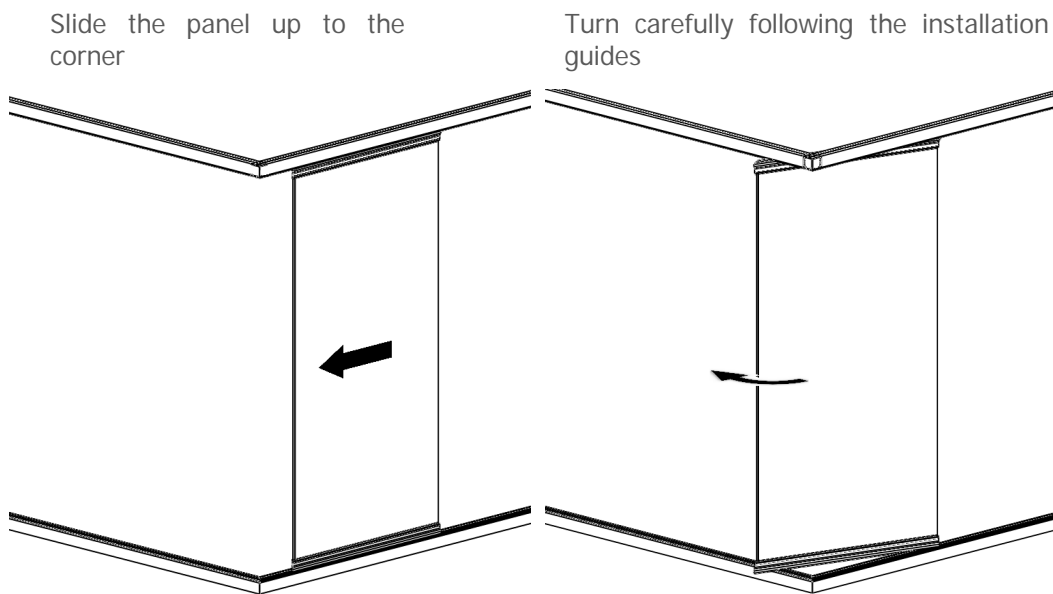


In order to open the rest of the panels, do not forget to close the mobile door first and then slide the panels (including the mobile door), as it is indicated in the next page.



2- Once the door open, slide & open the rest of the panels one by one until all remain stack next to the door. Pay special attention to the corresponding figure in case your installation had corners.

IMPORTANT: Pay particular attention if your installation has more than one door. Each panel has only a single opening position. In case a sliding panel can not continue in one direction may be that its opening position is in the opposite direction.



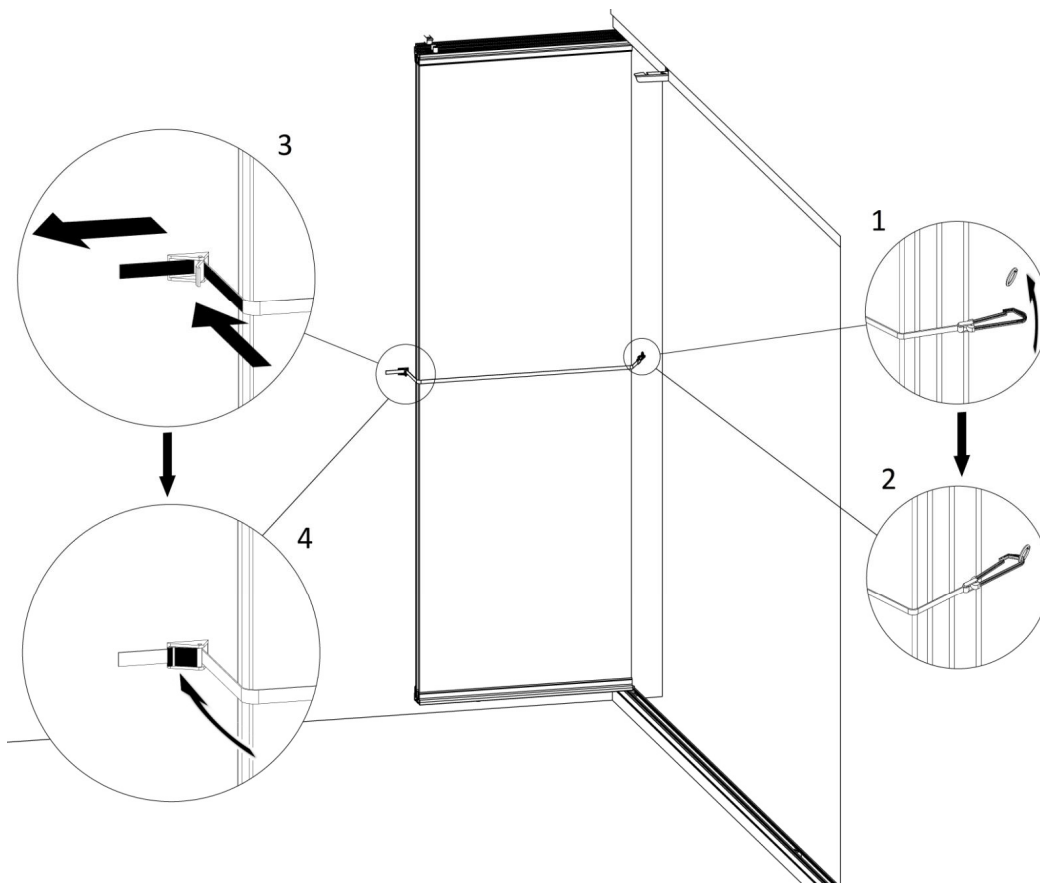
3- Once all the panels are properly stacked by the door, secure them by panel fastening belt as follows. It is advisable to collect the panels in case of winds above 85 km / h as explained below:

Step 1: Take the belt or string that is hanging from the clip, take the carabineer from the free end to the eyebolt installed on the wall near the door panel.

Step 2: Hitch the carabineer of the belt on the eyebolt.

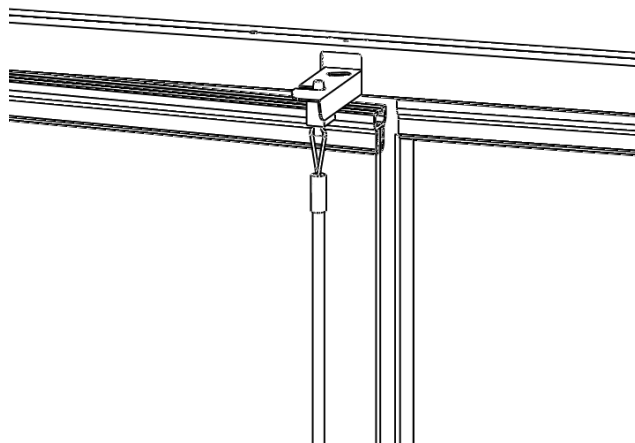
Step 3: If the belt is not tight, open the clip and pull from the free end until the belt is tight.

Step 4: Once the belt is tight and the panels secured, close the clip.

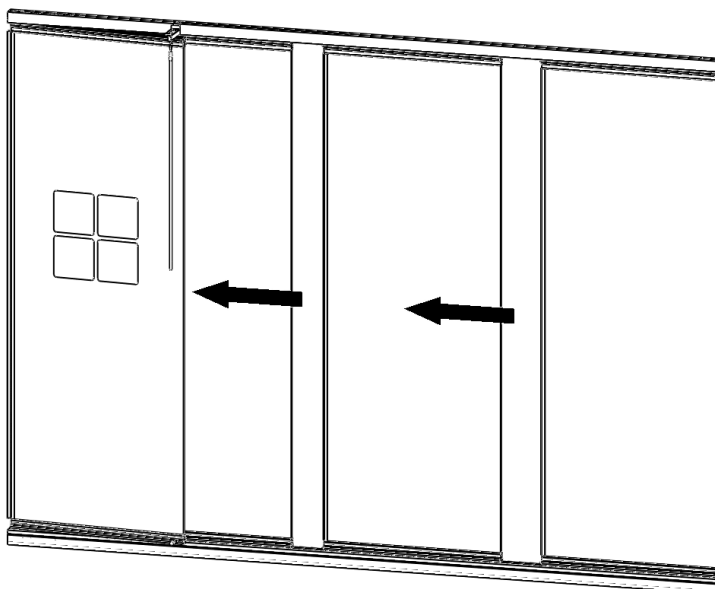


6.2 Instructions for ventilation position (Only available on systems with standard top lock)

1- Release the top lock by pulling down the rod and match it to the second arm hole.



2- Slide the other panels until space ventilation is enough.



6.3 Ventilation and condensation

When outside temperatures are low and humidity is high, our product requires ventilation for its functioning, either by using the ventilation position or removing some of the hard strip between panels.

7. WASTE DISPOSAL

ATTENTION: The dismantling of the system must be made following the same safety measures than at the installation (see Chapter 5) and must be performed by a qualified professional.

For correct disposal of waste, it is necessary to take them to a collection point.

Installation components are detailed in Chapter 3.

Check local regulations for waste removal at the time of dismantling the system.

8. MAINTENANCE

ATTENTION: All maintenance operations must be carried out safely.

Due to the high quality of the materials used in the system, there is no special maintenance except cleaning with a damp cloth and the application of Easy-Slide product supplied by the manufacturer on the sliding tracks once a year.

The glass panes cleaning can be done with a cloth and a glass cleaner product. Do not use solvents, ammonia or hydrocarbons to clean any system component. Avoid using abrasive products.

ATTENTION!: *cleaning tasks that may require the use of scaffolds, ladders or other hazardous material are reserved to personnel who must perform these tasks following all existing regulations on safety and use of equipment individual protection, such as a safety harness and rope.*

8.1 Extraordinary maintenance

ATTENTION! *All extraordinary maintenance operations must be performed by qualified personnel. It may require the intervention of a specialist from Allglass Confort Systems.*

See the installation instructions and system functioning if necessary to remove of the system or part of it.

Use original spare parts Allglass Confort Systems to maintain the warranty of its product.

9. PROBLEMS AND SOLUTIONS

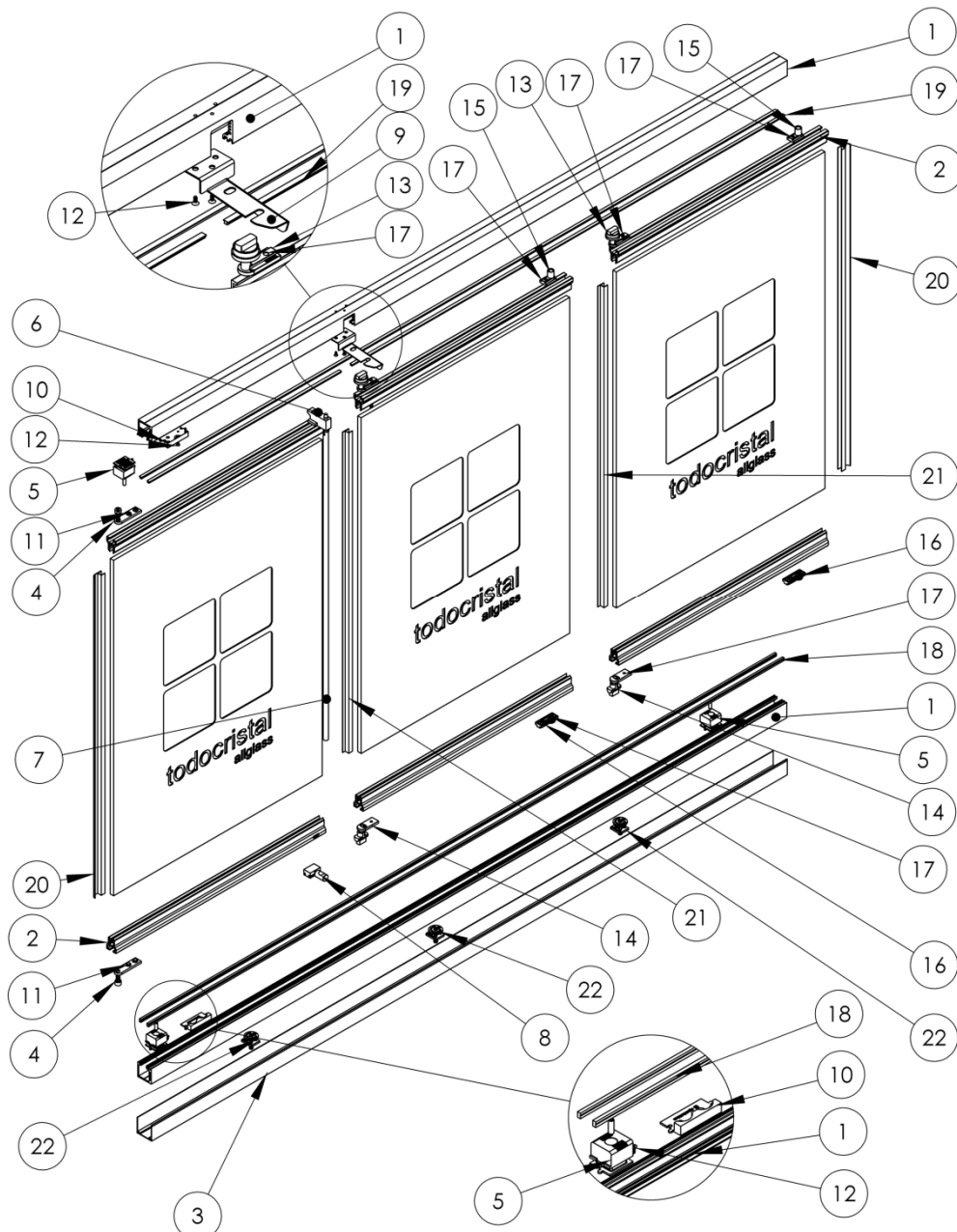
During troubleshooting procedures all safety requirements must be satisfied at all times (see Chapter 5).

The following table provides information about some problems easily solvable by the user. In case the problem can not be solved with (by) the information contained in it, please contact your installer.

WARNING!: *When handling the system, use the information in the table below and the one at Chapter 6 of this manual. Improper handling can result in loss of warranty.*

PROBLEM	POSSIBLE CAUSES	SOLUTIONS
Difficulty to move the panels	Objects or dirt inside the rails obstruct the movement	Clean the inside of the track making sure that it is not any object in it.
	the sliding surface is dirty	Clean the tracks with a damp cloth and apply the Easy Slide product from Todocrystal.
Panels are not properly fixed with the panel fastening belt	The panel fastening belt is not properly tight	Proceed to stretch the belt as indicated in paragraph 6.1
The door panel cannot open when we use the top handle.	The bottom lock is in "closed" position .	Change the position of the bottom lock to "open".
A panel cannot slide to be opened.	The opening position of the panel is in the opposite direction.	Slide the panel to the opposite side to open it.
Cannot close the door	The bottom lock is in "closed" position .	Change the position of the bottom lock to "open".
	The top lock hits the opening arm	Pull the top lock during closing
	Displaced panels	
		In case there is a corner on the opposite side of the door panel, make sure the panel adjust against the corner
Exceed of condensation	Not enough ventilation in the area	Open the door to its ventilation position or remove some of the hardstrip between panels to create air flow

10. EXPLODED VIEW



Number	Reference	Description
1	AL0001	Top / bottom track
2	AL0210	Top / bottom profile
3	AL0005	Compensator channel
4	D0001	Door axis
5	D0002	Top / bottom axis cube
6	D0004	Top lock set
7	D0005	Top lock rod
8	D0006	Bottom lock set
9	D0009	Right arm
10	D0010	Turning mechanism
11	D0011	DIN 913 INOX 10 X 12 mm screw
12	D0012	DIN 7982 3,5 X 9,5 Screw
13	P0001	Turning top guide
14	P0002	Turning bottom guide
15	P0003	Top guide
16	P0004	Bottom guide
17	S0009	DIN 913 M6 X 12MM Screw
18	S0001	Sliding surface
19	S0003	Top brush
20	S0004	Simple soft strip
21	S0006	Simple hard strip
22	S0010	Compensator screw

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11. TECHNICAL TABLE

Approximate weight of the system according to dimensions. Values in kg

Width (meters)

	1	2	3	4	5	6	7	8	9	10	11	12	13
1	27	54	81	108	135	162	189	216	243	270	297	324	351
2	54	108	162	216	270	324	378	432	486	540	594	648	702
3	81	162	243	324	405	486	567	648	729	810	891	972	1053

Height (meters)

These values should be taken into account when estimating the structural strength of the bottom support for the system installation. The total value of the weight of the system will be supported in less than 50cm when the system is staked at the door side

12. CONVENTIONAL GUARANTEE

All products of **Allglass Confort Systems S.L.**, under the trademark **Todocrystal®**, are custom made ,according to measurements and dimensions and exclusively for each particular work, with no products called "standard size" or finished goods stocks. **Allglass Confort Systems S.L.**, manufactures and distributes supply of goods made to the consumer's specifications and clearly customized.

1.DURATION

Allglass Confort Systems, S.L. guarantees its products for a period of 5 years from the date of manufacture.

2. RANGE

The warranty covers the repair or replacement of all defective parts, according to applicable regulations.

3. EXCLUSIONS

The warranty excludes glass and plastic components unless evidence of fault failureDoes not cover:

- Defects caused for misuse or vandalism.
- Adjustments, repairs and replacements due to normal fatigue, careless use of the product or failure to follow the instructions contained in the manual.
- Damage caused by the lost of structure's shape or by exceed of weight over the panels, sudden event or natural disaster.
- Modifications, repairs and new installations made without the approval of manufacturer or distributor/dealer.
- Sunshades, other accessories or complementary structures.
- The expenses caused by dismantling and substitution as well as the cost of delivery for the broken or damaged products/components.
- The faults, breakdowns and damages caused by improper use or installation of **Allglass Confort Systems, SL** products by installers, user or third parties.



The warranty is effective only when the installation has been made by an official Todocrystal® installer or distributor/dealer and the invoice has been fully paid. The installer company guarantees the hand work and does the installation according to the contract and to good construction practice.

4. CUSTOMER RESPONSABILITIES

It will be responsibility of the client, to verify at the reception of the materials and the amount and quality of the products. Otherwise, it has to be notified and a written claim must be given to the transport agency and copy to **Allglass Comfort Systems, S.L.**

5. REFUNDS

Returns must be notified to **Allglass Comfort Systems, SL** by writing before forwarding, via fax or email, attaching a list of materials and specifying clearly the causes for its return, and the delivery note or invoice number. **Allglass Comfort Systems, SL** will study the claim and if proceeding, will be notified by writing to the client in order to prepare the return.

13. INSTALLATION SHEET.

Product reference :

Dimensions:

Installation data:

Date:

Name and Sign / Seal Installer :

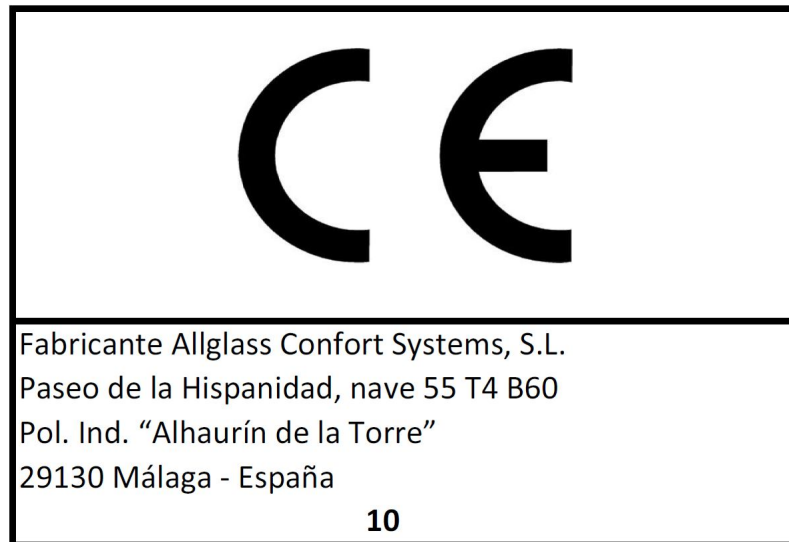
Installation notes:



Incidental box

Date	Operation Description	Name and sign / Seal installer
Notes:		

Appendix 0



Appendix 1

UNE-EN 14351-1:2006	
Sistema, Todocrystal [®] , Cerramiento de cristal sin perfiles verticales de aluminio	
Características:	
Estanqueidad al agua:	Sin clasificar
Resistencia a la carga de viento:	CLASE C2
Prestaciones acústicas:	33 Db
Transmitancia térmica:	5,64 W/m ² K
Permeabilidad al aire:	CLASE 2



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