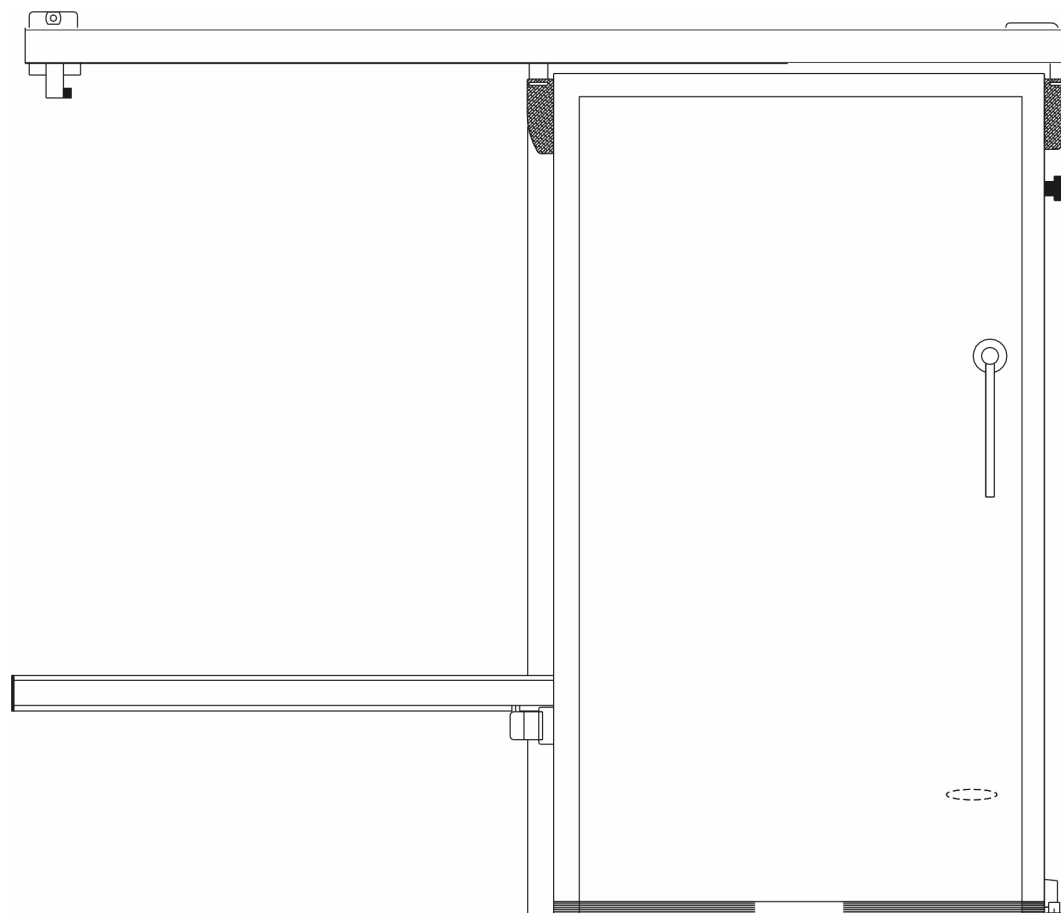


USER AND MAINTENANCE MANUAL



FRIGO DOORS

MANUAL SLIDING DOOR MOD. SC MAN09



FRIGO DOORS BY SEVENFRIGO SRL

VIA DELLA TECNICA 44 Z.I. MOLINACCIO

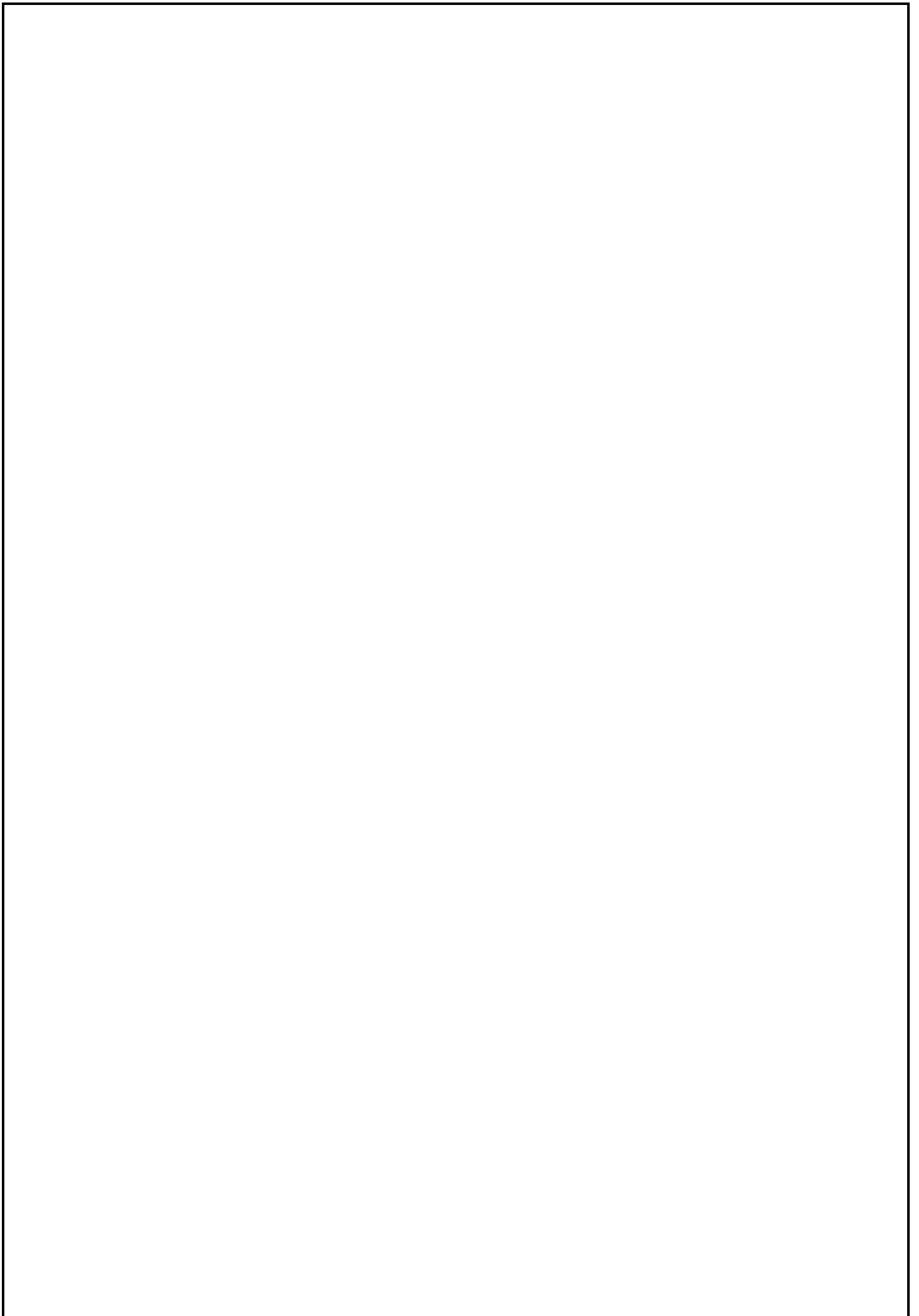
06135 LOC. PONTE S. GIOVANNI - PERUGIA (PG) - ITALY

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VERS. 0.0 - 07/2009



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MANUFACTURER

FRIGO DOORS by SEVEN FRIGO S.r.l.

HEAD OFFICE

Via della Tecnica, 44 Z.I. Molinaccio
06135 loc. Ponte San Giovanni - Perugia - ITALY

POST-SALES/SPARE PARTS SERVICE

Tel.: +39 075 599 76 48

Fax: +39 075 39 59 36

www.sevenfrigo.com

info@sevenfrigo.com

1 GENERAL INFORMATION

The closing systems for refrigerating rooms with sliding doors ensure excellent heat insulation when closed and can open quickly allowing people to pass through with minimal heat dispersion.

Each door has a CE plate stating its reference data.

Always quote this data in any communication with the Manufacturer or assistance centres.

Example of a plate for an SC Man fridge door

 FRIGO DOORS by SEVEN frigo S.r.l. Via della Tecnica, 44 06135 PERUGIA (ITALY)	
Porta frigorifera scorrevole mod. SC MAN	
Numero di serie	
Anno di apposizione della marcatura	
Norma europea di riferimento: EN 13241-1	
Resistenza al carico del vento: Classe 2	
Dir. 89/106/CE	

The product is constructed in accordance with associated EC Directives in force at the time of going to market.

CE DECLARATION OF CONFORMITY FOR THE MANUAL SLIDING DOOR

CE DECLARATION OF CONFORMITY	
THE MANUFACTURER	Frigo Doors by Seven Frigo S.r.l.
ADDRESS	Via della Tecnica 44
DECLARES THAT	
THE PRODUCT	Manual sliding fridge door
MODEL	SC man09
SERIAL NUMBER	
CONFORMS TO THE FOLLOWING DIRECTIVES	
0 COUNCIL DIRECTIVE 89/106/EEC <i>ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO CONSTRUCTION PRODUCTS.</i>	
AND CONFORMS TO THE FOLLOWING HARMONIZED TECHNICAL STANDARDS	
EN 13241-1	INDUSTRIAL, COMMERCIAL AND GARAGE DOORS AND GATES. PRODUCT STANDARD. PRODUCTS WITHOUT FIRE RESISTANCE OR SMOKE CONTROL CHARACTERISTICS.
EN 12604	INDUSTRIAL, COMMERCIAL AND GARAGE DOORS AND GATES. MECHANICAL ASPECTS. REQUIREMENTS.
EN 12605	INDUSTRIAL, COMMERCIAL AND GARAGE DOORS AND GATES. MECHANICAL ASPECTS. TEST METHODS.
 <i>PERUGIA, 28.08.09</i>	
SEVENFRIGO SRL <i>THE TECHNICAL OFFICE</i> PITTOLI OLIVIERO	

The product is covered by a warranty, as stated in the contract. If any product defects or faults occur during the period of validity that match those stated on the warranty, the Manufacturer will take it upon himself to inspect and then repair or replace the defective parts.

Any attempts by the user to make repairs without the Manufacturer's written consent will forfeit the warranty and the Manufacturer will not assume any liability for damage attributable to the defective product.

The same applies to spare parts that are neither original nor recommended by the Manufacturer.

It is for these reasons that we advise our customers to always contact our Assistance Service.

Unless other contractual agreements are made, the Customer is normally expected to:

- Prepare the premises, including any required masonry and/or ducting work;

2 SAFETY

The Manufacturer has taken pains to design the product carefully and make it as INTRINSICALLY SAFE as possible.



IMPORTANT!

The Manufacturer cannot assume any liability for harm to people and animals or damage to objects in the event of:

- **Improper use of the product;**
- **Incorrect installation;**
- **Maintenance other than that stated by the Manufacturer;**
- **Unauthorized changes or repairs;**
- **Use of spare parts that are not original or are incompatible with the model;**
- **Failure to comply with associated domestic regulations;**
- **Disasters and events outside of one's control.**

Checks and inspections

The Manufacturer cannot assume liability for damage due to worn or defective components not replaced immediately.

An experienced person should give the system visual and functional inspections to ensure the product's safety.

These are:

- An inspection of all the supporting structures to make sure these are not cracked, broken, damaged, warped, corroded, worn or differ in any way from their original characteristics;
- An inspection of all the mechanical components;
- An inspection of all the safety devices;
- An inspection of all the connections with pins and screws;
- A functional inspection.

Take the product out of service whenever there is an operating error, inspecting and/or repairing it as necessary.

The product must not be used:

- In any way not stated in this manual;
- In an environment that is explosive, corrosive or with a high concentration of dust or oily substances suspended in the air;
- In an atmosphere posing the risk of fire;
- Exposed to the elements;

3 INSTALLATION

Install the doors according to the Manufacturer's instructions and diagrams. We cannot assume any liability for failure to do this.



Lifting and handling operator: an operator able to use equipment for the lifting and handling of materials and machinery (following the Manufacturer's instructions) in accordance with the domestic law in force

The product can be transported using normal equipment with a weight-bearing capacity of no less than 1500 kg and of appropriate size. The product must be unloaded and handled in its original packaging. After placing the product in the area of use, you can remove the packaging and assemble the closing system. We advise you to lift the product using a fork-lift truck, making sure the product is perfectly balanced – otherwise it could move or tip over unexpectedly.



N.B.

The Manufacturer cannot be held liable for harm to people or objects due to use of lifting systems not meeting the above requirements.

If the closing system is not assembled immediately after receipt, it should be stored as follows:

- Store the fully packaged product in a closed area;
- Protect the components against knocks and stress;
- Prevent it from coming in contact with corrosive substances.

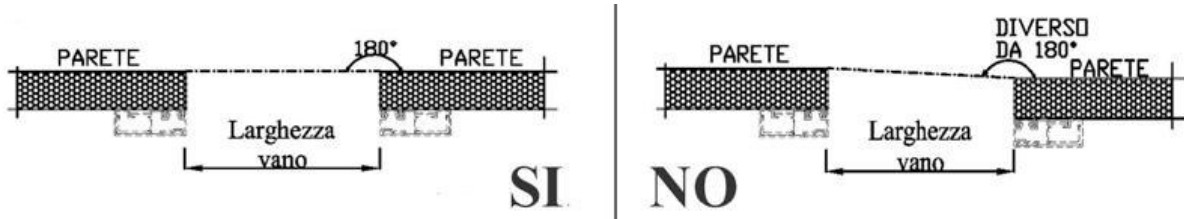
PREDISPOSIZIONI D'INSTALLAZIONE

You need to set aside an area of sufficient size for installing and moving the product easily with the required lifting equipment.

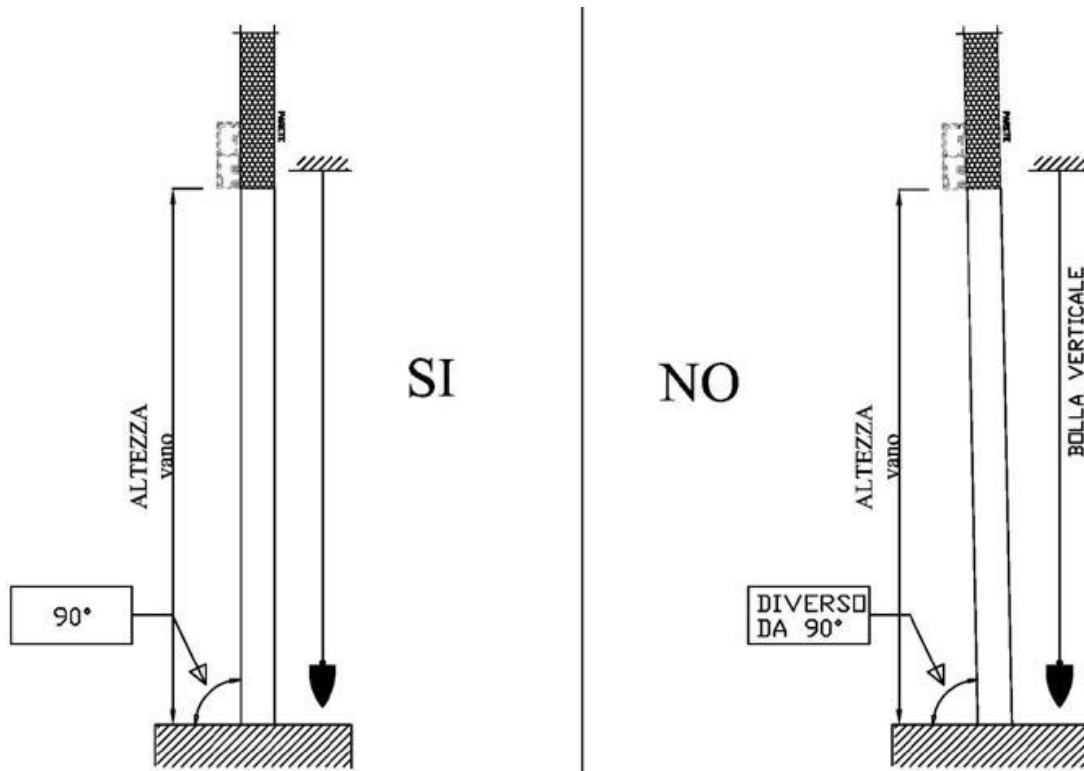
The product should be installed in such a way as to ensure optimal ergonomics and safety at the workplace: leave a sufficient gap around the product to enable easy use and handling of the material involved and for maintenance and adjustment. The fridge door should be installed in such a way as to prevent the risk of crushing when it is opened.

These are the conditions for correct assembly of the fridge doors:

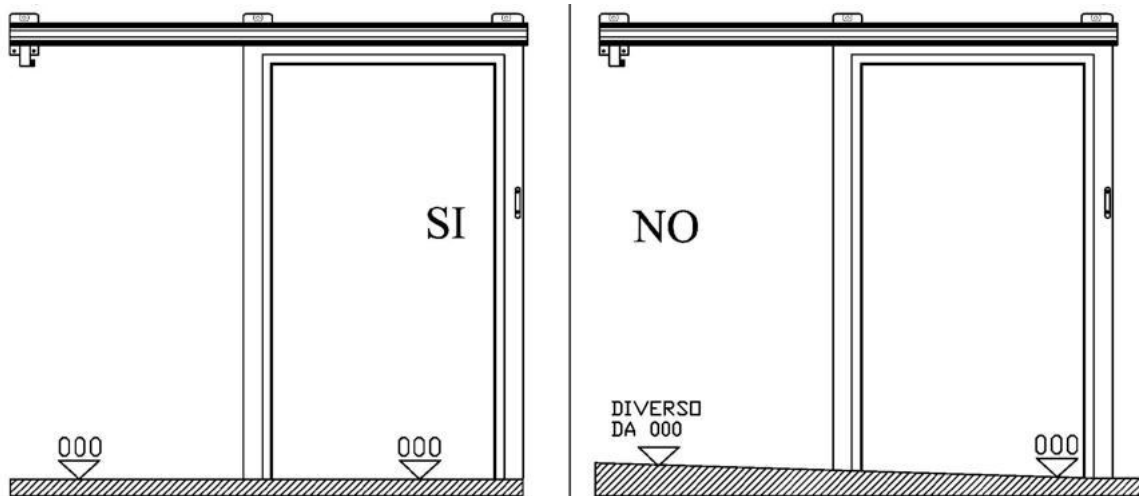
- ALIGNMENT OF THE VERTICAL WALLS WITH THE DOOR LEAF



- PERPENDICULAR PROFILE OF THE WALLS AND DOOR OPENING



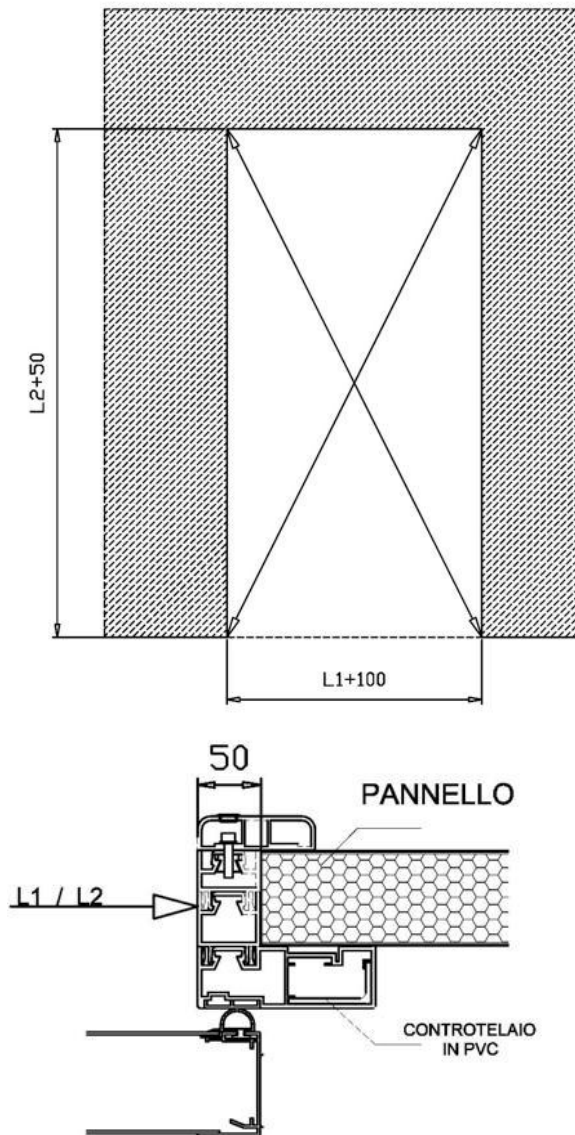
- LEVEL FLOORS (USING A SPIRIT LEVEL)



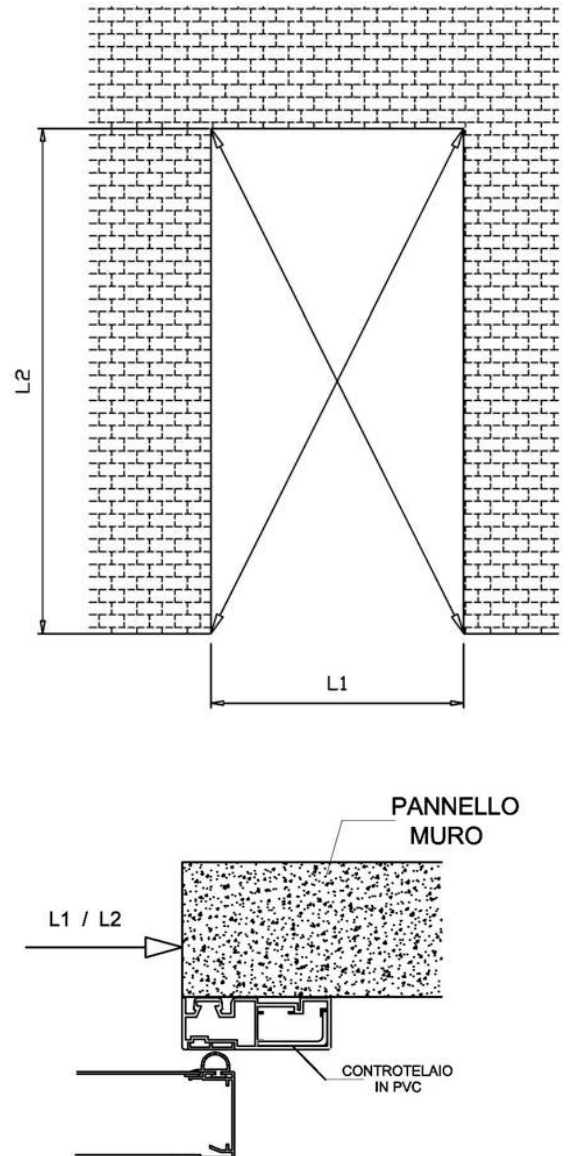
PREPARING THE DOOR OPENING

The sliding leaf opening/closing system can be installed either in panelled and brick walls or on heat insulated fridge panels of less structural performance using an additional PSP element. The size of the opening obviously depends on the width $L1$ and length $L2$, and whether or not a PSP element will be used. You can check the correct execution of the opening by comparing the two diagonals.

DOOR OPENING WITH PSP



DOOR OPENING WITHOUT PSP

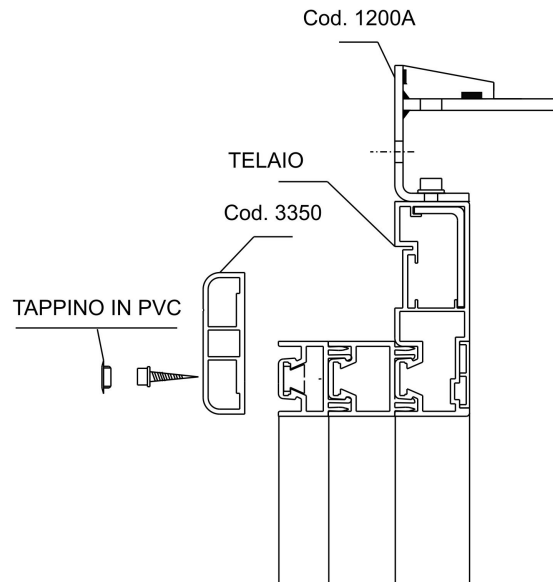


ASSEMBLY OF THE SECONDARY FRAME

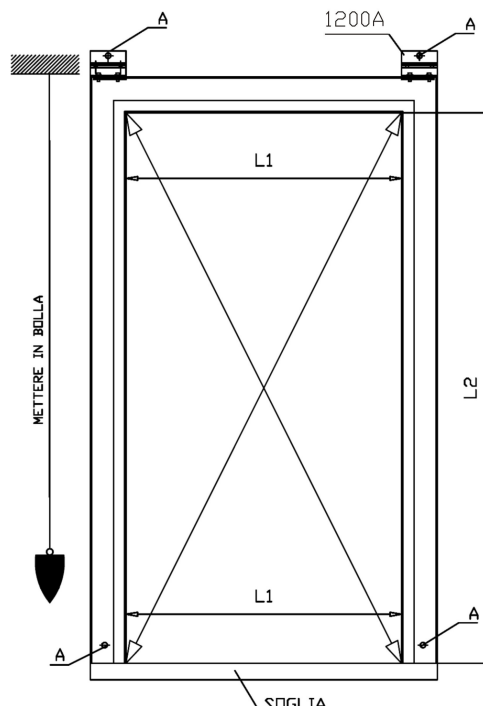
Remove the PVC frame from its packaging and proceed as follows:

ASSEMBLY OF THE SECONDARY FRAME WITH PSP

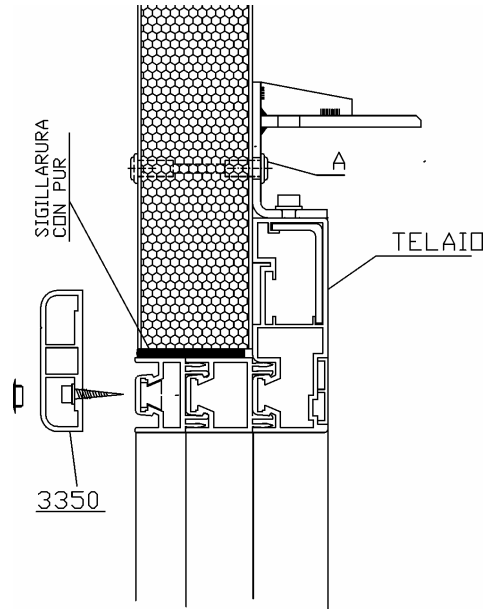
1. Remove the secondary frame (code 3350) from the frame by undoing the respective screws



2. Insert the frame in the door opening
3. Check the vertical struts of the frame with a plumb line
4. Check the diagonals

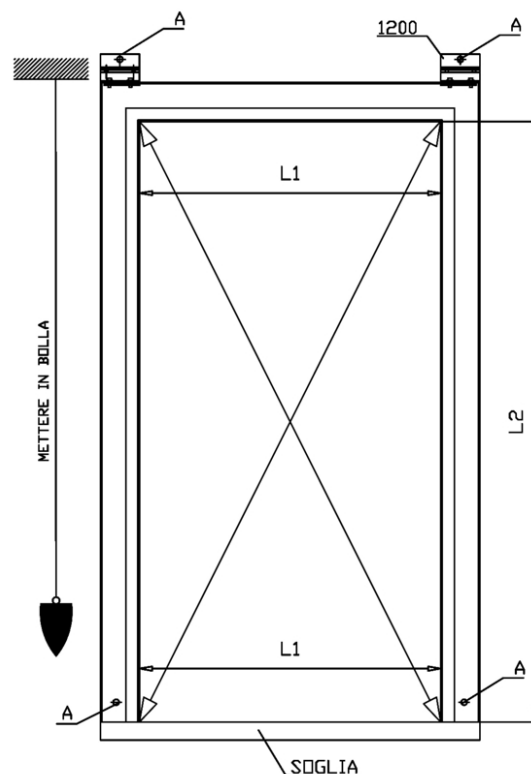


5. Attach the frame to the panel by inserting the two tie rods (A) in the holes of the brackets (code 1200). If the frame does not have a threshold, insert the two tie rods (A) in the holes at the base of the struts and affix them to the panel.
6. Seal the gap around the edge of the frame and panel with polyurethane foam (PUR).
7. Attach the secondary frame (code 3350) to the frame using the respective screws.

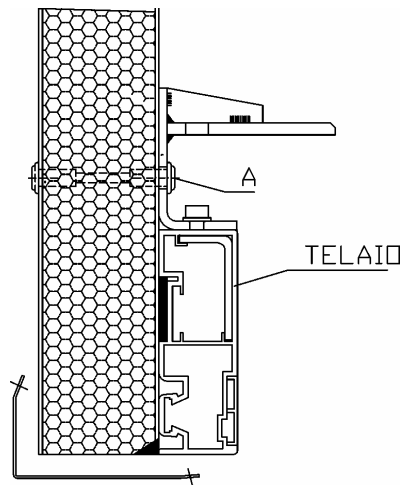


ASSEMBLY OF THE SECONDARY FRAME WITHOUT PSP

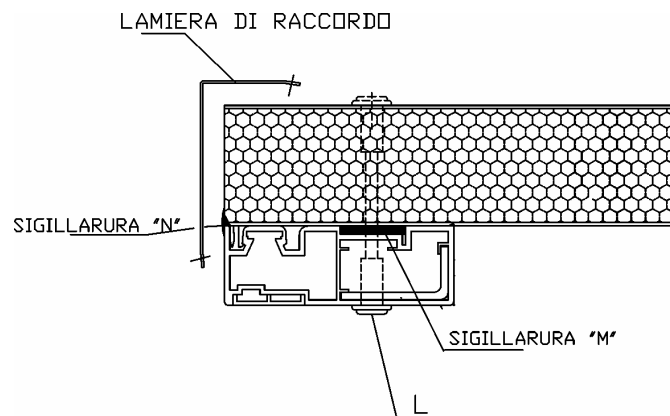
1. Apply sealant or a gasket in the frame (seal M)
2. Put the frame in the hole in the wall.
3. Check the vertical struts of the frame with a plumb line.
4. Check the diagonals.



- Attach the frame to the panel by inserting the two tie rods (A) in the holes of the brackets (code 1200).



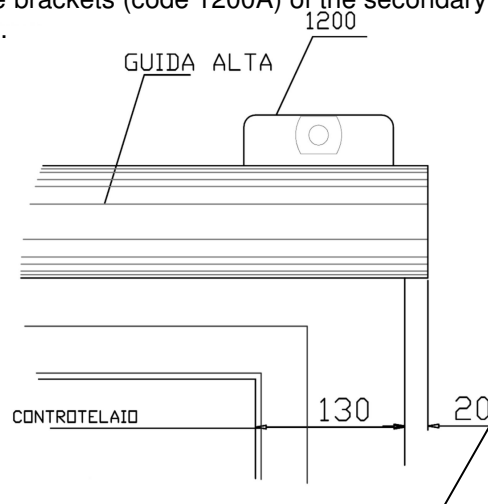
- Attach the two struts of the frame by inserting the tie rods (L) in the respective holes.
- Seal the gap around the edge of the frame and panel (seal N).
- Put in the connecting sheets, if available.



ASSEMBLY OF THE TOP GUIDE

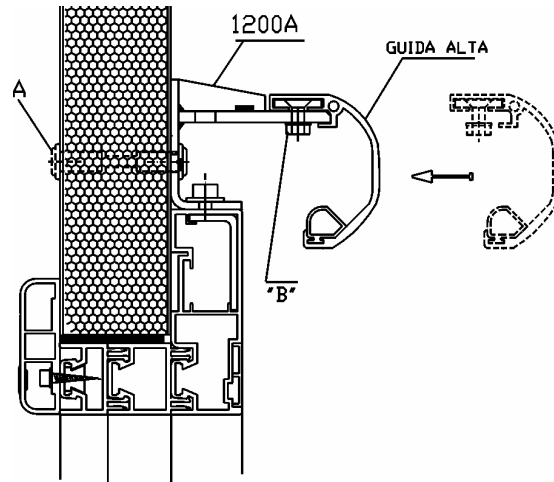
The next step

- Insert the top guide on the brackets (code 1200A) of the secondary frame. The guide should protrude 20 mm outwards.

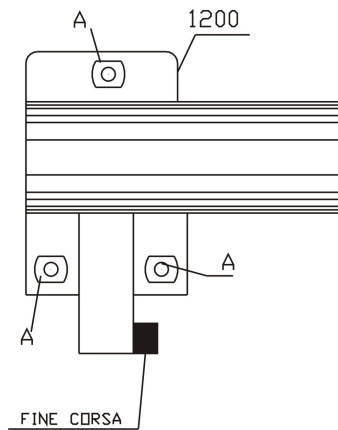


IMPORTANT
Check the top
guide protrudes 20
mm outwards

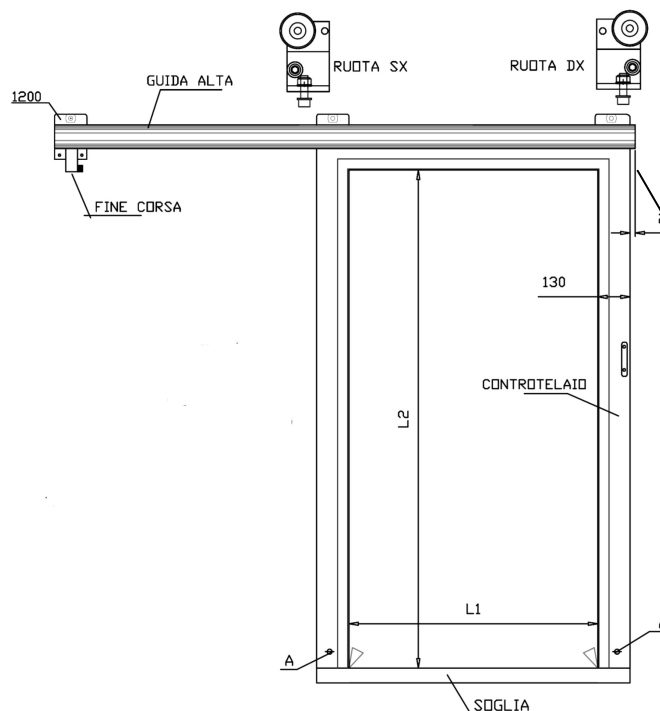
- Tighten the nuts (B) onto the bracket (code 1200A).



- Attach the end of the top guide to the panel by inserting the three tie rods (A) in the respective holes on the bracket (code 1200) and on the end stop for opening the door.



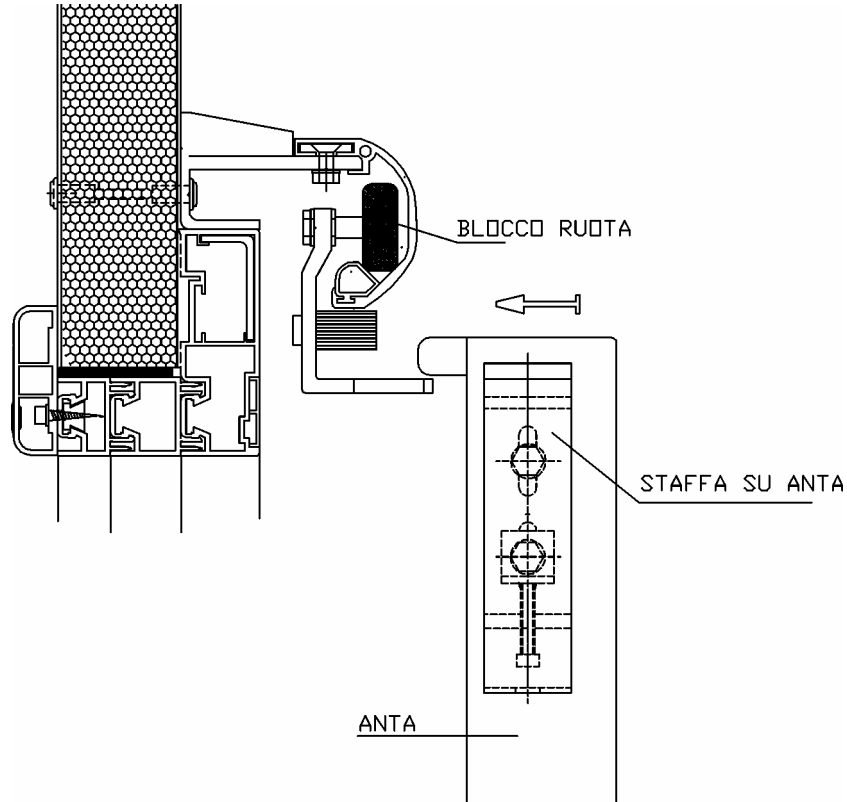
- Check the top guide with a spirit level.
- Insert the two LH and RH wheel locks in their respective housings on the top guide



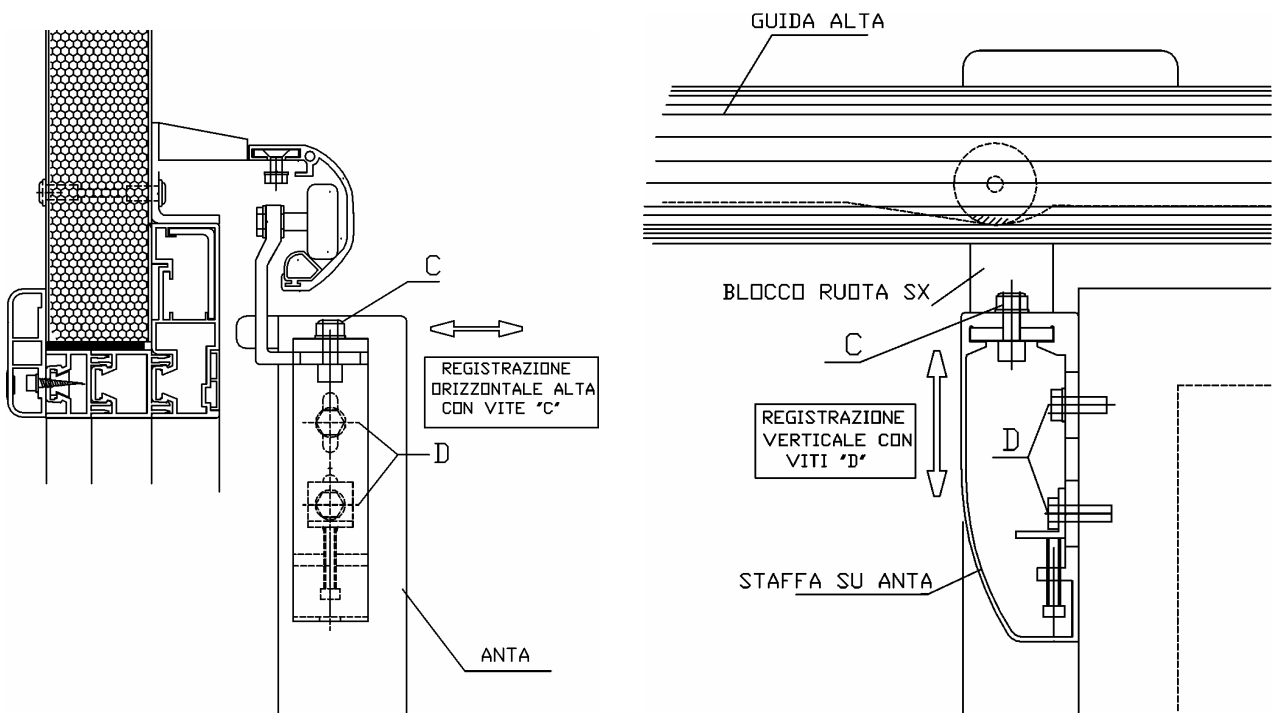
IMPORTANT
Check the top guide protrudes 20 mm outwards

ASSEMBLY OF THE LEAF ON THE SECONDARY FRAME

1. Place the leaf against the frame and insert the wheel bracket in its respective place on the leaf bracket

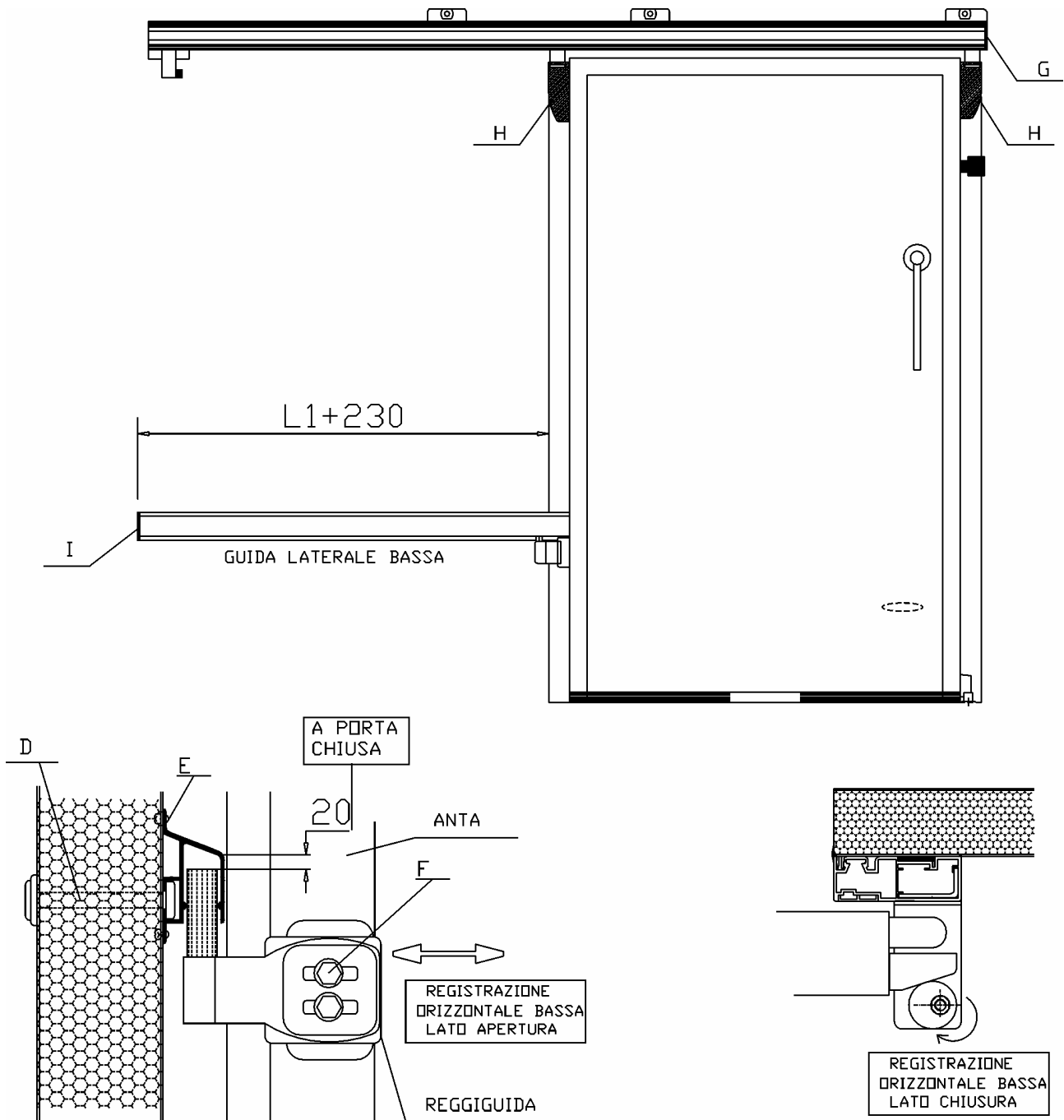


2. Compress the gaskets with care
 - Turn screw "C" for horizontal adjustment
 - Turn screw "D" for vertical adjustment



ASSEMBLY OF THE BOTTOM GUIDE

1. Position the bottom guide. Before attaching it with the tie rods (D), rivets (E) or anchor bolts, check:
 - The guide is perfectly level (use a spirit level)
 - The guide is 20 mm above the pin of the presser.
2. Adjust horizontal compression on the opening side by turning the screws (F).
3. Insert the PVC caps.
 - "G" leaf guide cap
 - "H" leaf bracket caps
 - "I" bottom guide cap
4. Check the door slides along easily.



PRELIMINARY CHECKS

The following checks and inspections should be carried out before starting up the product. These will help prevent errors or accidents during start-up:

- Make sure the structure is firmly attached to the wall.
- Make sure there are no obstacles in the way.
- Check the door and its accessories were not damaged during assembly.

4 PRODUCT DESCRIPTION

The opening system does not require any particular environmental conditions.

The opening system is not suited to environments with an explosive atmosphere.

The installation area must be properly lit in accordance with domestic law. The lighting should ensure good overall visibility.

The overall lighting in the work area must ensure light of between 200 and 300 lux at all points of the product.

The closing system and fridge door comes with:

- User and maintenance instructions;
- CE plate;
- CE declaration of conformity.

5 SPARE PARTS AND ACCESSORIES

Please contact the Manufacturer if you require any information on how to use, service and install the product. The Customer is kindly requested to make his questions as clear as possible, referring to the relevant section in this Manual and respective instructions. Please contact the Manufacturer to request any spare parts and always use original spare parts



N.B.

FRIGO DOORS cannot assume any liability for breakage, malfunctioning or harm to people or objects due to use of non-original parts.

Below is a list of available spare parts for FRIGO DOORS. You are advised to use only original spare parts, otherwise the warranty will be forfeited (if still applicable) and the Manufacturer will not assume any responsibility for use of the product and any harm to people and/or objects. To request spare parts, compile the form on the next page, following all the instructions.

Please follow the following instructions as this will make it easier for our technicians to process your order:

- a) Call the Firm's spare parts service and describe the type of fault concerned;***
- b) Describe any parts that are not working;***
- c) State where the parts are situated on the product;***
- d) Order the required part by compiling the Order Form on the next page.***

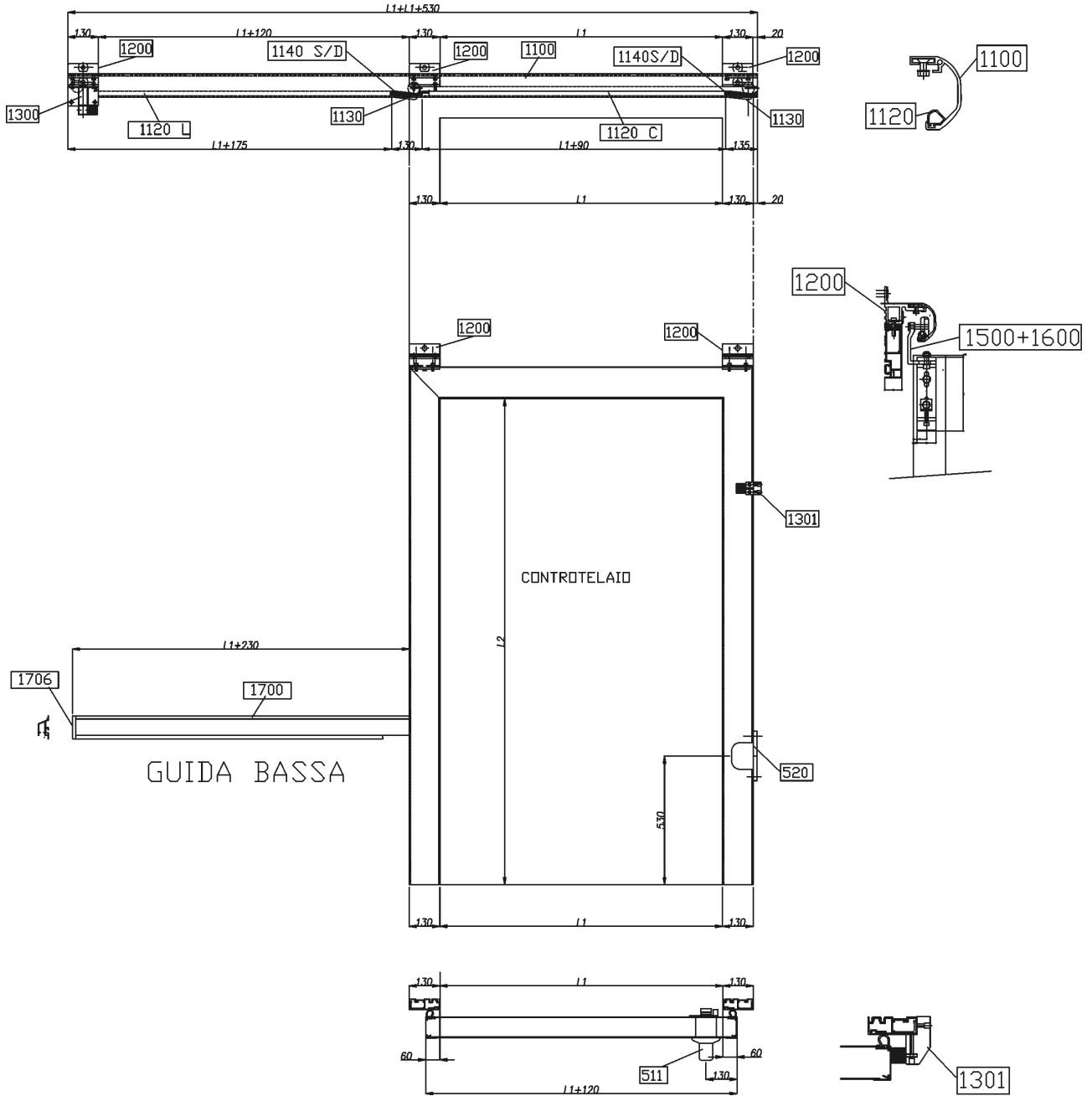
When dismantling the product make sure to separate the parts according to their constituent material – plastic, metal and electrical – for segregated disposal in accordance with regulations in force.

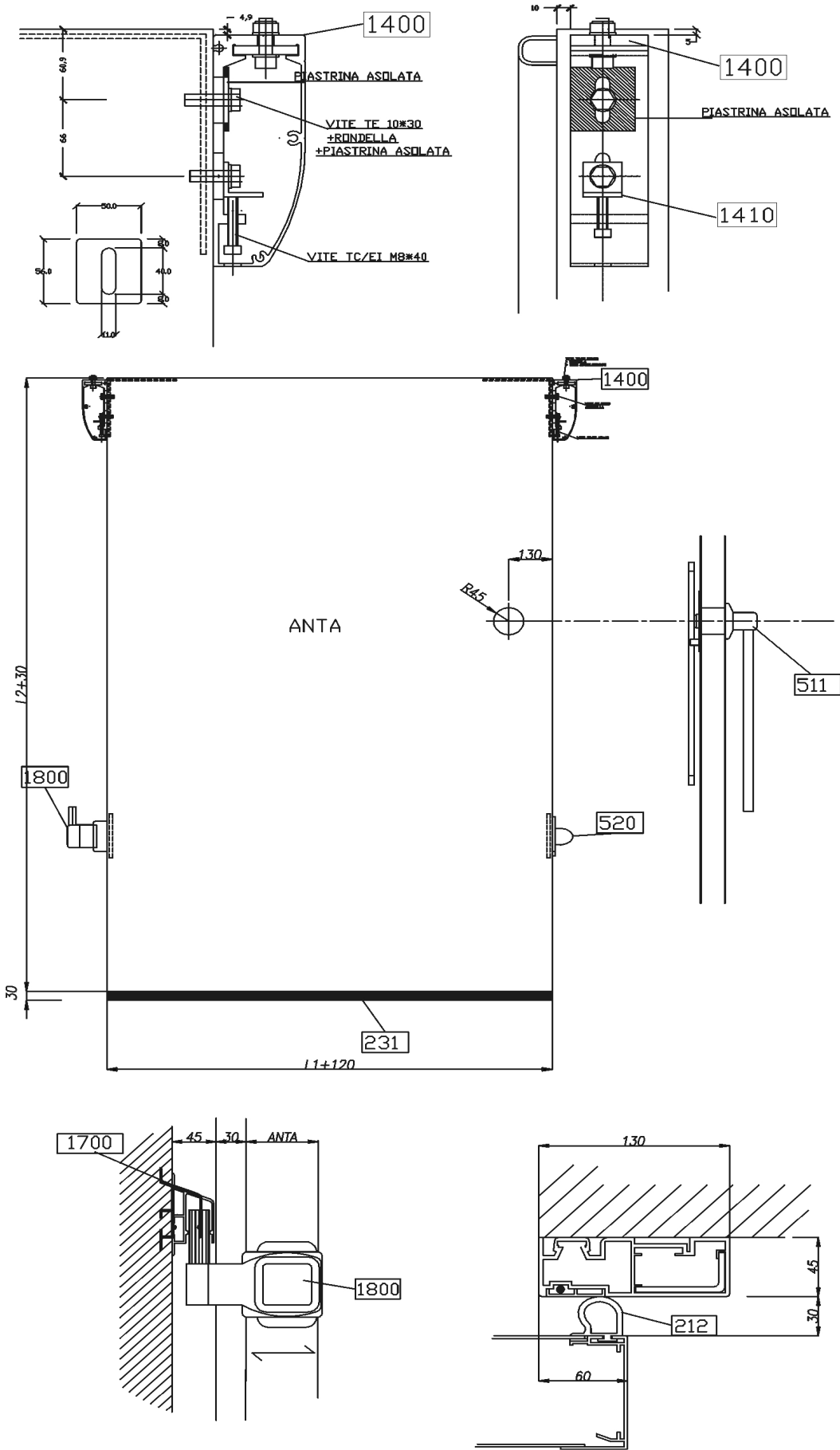
As for the metal structure of the product, you need only divide the parts up between iron and other metals or alloys, for melting down and re-use.

ANNEX 1

DRAWINGS and SPARE PARTS

GUIDA ALTA





ANNEX 2**MAINTENANCE SHEET**

DATE	INSTALLATION AND INSPECTION	TECHNICIAN	USER
DATE	INSTALLATION AND INSPECTION	TECHNICIAN	USER
DATE	INSTALLATION AND INSPECTION	TECHNICIAN	USER
DATE	INSTALLATION AND INSPECTION	TECHNICIAN	USER

