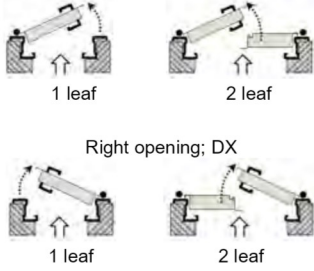
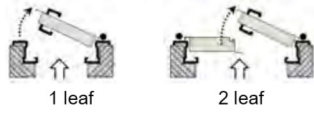
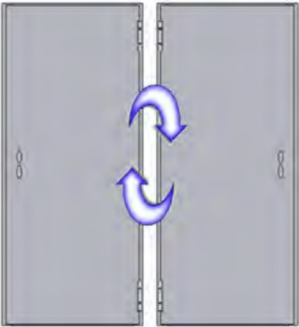
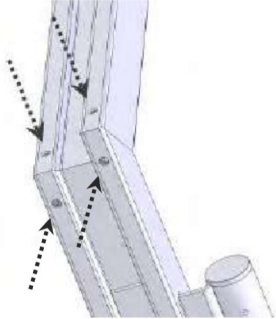
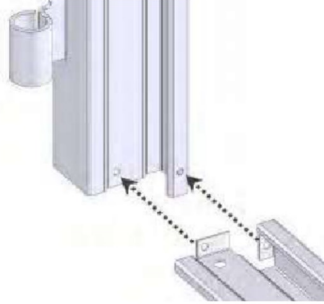
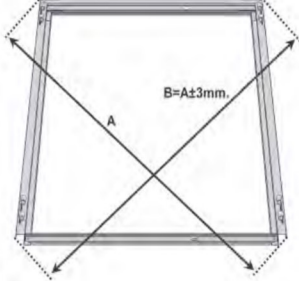
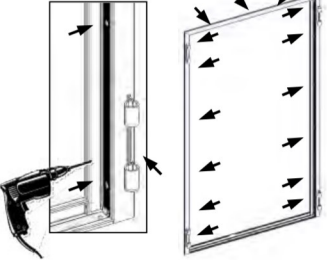
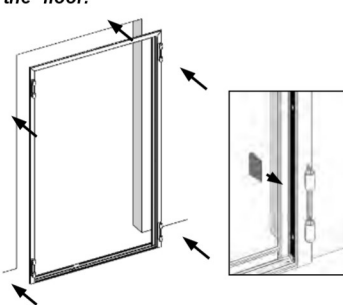
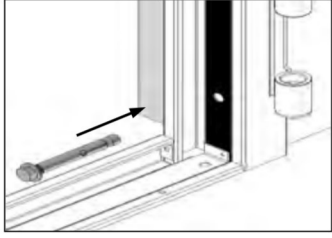
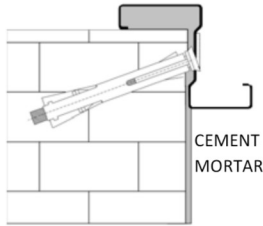
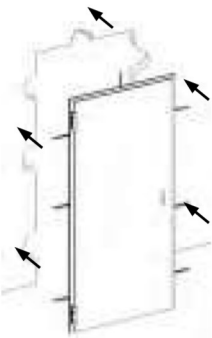
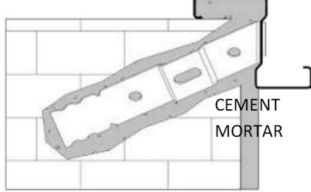
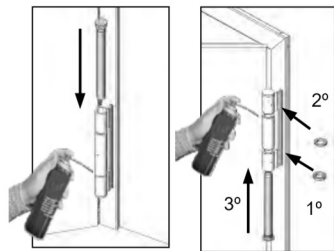


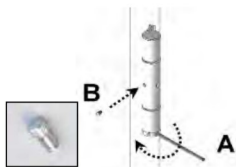
 Do not expose to sunlight or weather	 Keep covered	 Handle with care and with the appropriate machine	 The installation must be performed by qualified personnel
We are released from the guarantee and liability if, without our prior consent, constructive modifications or incorrect installations are made in contravention of our pre-established installation guidelines.	1.- Every door is provided with a label showing the characteristics, which is placed on the side wall of the frame. Measure the wall opening and make sure it is correct for the measures contained in the label of the door frame. Control right angles, flatness and measurements of the wall opening from the finished floor. Verify the integrity of the wall especially in the anchor points of the door. It is responsibility of the client the execution of building works according to current regulations.	2.1.- Measure the "wall opening" dimensions and check if they are appropriate with the required ones. Left opening; SX  Right opening; DX 	2.2.- For the REVER door, choose the way to open it by turning the door to the required side. 
3.-ASSEMBLY OF THE FRAME FOR DOOR FRAME DISMOUNTED 3.1.- Enter the brackets in the lintel as shown. Ensure that the faces match perfectly at 45°. 	3.2.- Screw the lintel to the brackets through the 8 holes predisposed. 	3.3.- Screw the bottom plate to the jambs as shown in the picture using the 4 holes. 	3.4.- For proper assembly, measure the distances A and B. Verify compliance with the relationship between the two distances as shown.  $B=A \pm 3mm$. For double-leaf doors with a door selector, install the back box of the selector in its predisposition (7)
4.- FRAME FIXING WITH SCREWS 4.1.- Drill the joint through all the holes for screwing prepared in the frame. The upper holes are only in two leaf doors. 	4.2.- Insert the frame in the wall opening, place shim plates at the holes if necessary. Lock temporarily. IMPORTANT: The base of the frame must be at the final height of the floor. 	4.3.- Screw the frame to the wall respecting the gaps indicated in point 12. Use metallic expansive bolts of Ø10 and 120mm. 	4.4.- Fill the space between the frame and the wall with cement mortar as shown.  CEMENT MORTAR
5.- FRAME FIXING WITH ANCHORS 5.1.- Open the fixing anchors and make the necessary holes in the wall. 	5.2.- Insert the frame in the wall opening, and receive the anchors with fast-dry mortar. Control the level of the door, with level and plumb. IMPORTANT: The base of the frame must be at the final height of the floor. 	5.3.- Fill the space between the frame and the wall with cement mortar as shown.  CEMENT MORTAR	6.- Insert the leaves in the frame in the shown order such a way that upper and lower hinges matches. Place the hinges (start with the hinge with spring). 

6.1.- For the hinge with spring insert the bolt with spring. For the hinge without spring, place the bearing in the inferior gap; place the washer in the superior hole, insert the bolt of the spring through those elements.

(Lubricate with **NOT** flammable products)



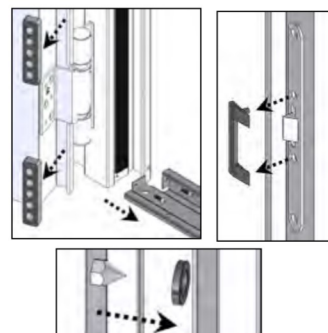
6.3.- For fire doors, if the door closer is NOT fitted, load the spring on the self-closing hinge pin using the material supplied in the door handle box; if the door closer is fitted, this adjustment is not necessary. Insert the key A in the bolt with spring and turn in the direction of opening. Connect the tension of the bolt with spring with the ratchet B. *The spring must be loaded so the door closes gradually to 45°, 90° and 180°.*



6.4.- In case of out-of-range clearances between frame and leaf in the upper area, use the supplementary washers under the bush hinge bearing.



7.- Unscrew and remove the bottom plate. Remove all plastic elements on the sides of the leaf and front plate of the lock. Remove also the plastic in the anti-crowbar pins of the leaves. Some finishes also include a protective film.



8.- Components for two leaf doors:

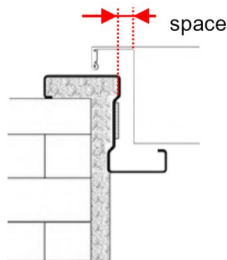
Install the plastic stop TP1 on the floor. Position so that the hole matches the espagnolette locking the secondary leaf.



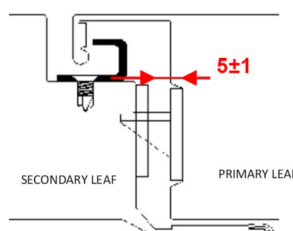
For double-leaf doors with a closing selector, install the moving part of the selector.



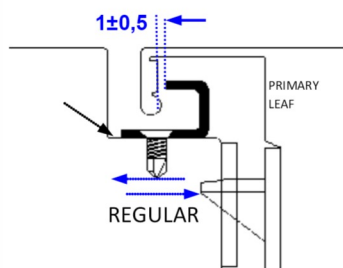
9.1.- For fire doors, it's required a correct correspondence of the distances between frame and leaf.



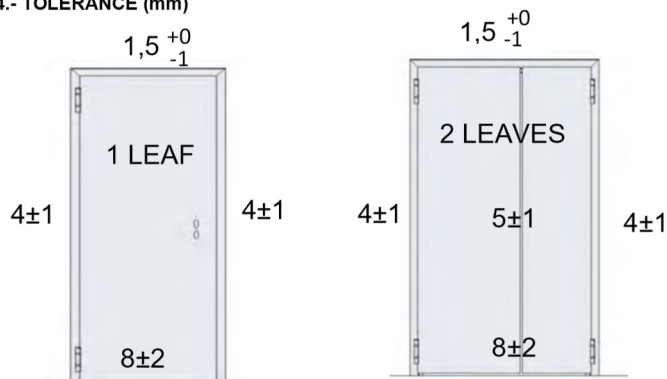
9.2.- For fire doors with two leaf it's required a correct correspondence of the distances between the primary and secondary leaf.



9.3.- For fire doors with two leaf it's required a correct correspondence of the distances between outline "J", on the passive leaf and the active leaf.



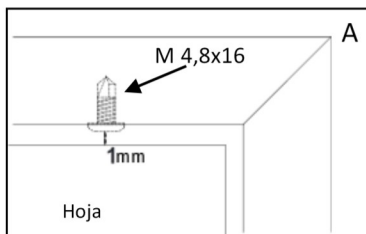
9.4.- TOLERANCE (mm)



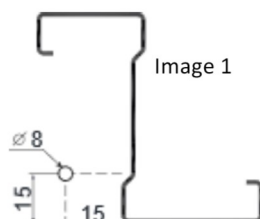
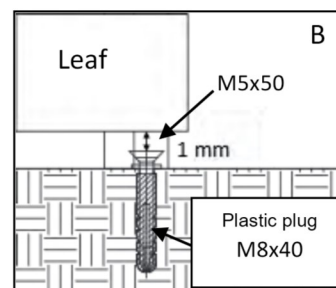
10.- The adjustment screws must be installed at the top and bottom of the door, as shown in the picture described in points 10.1 and 10.2.



10.1.- Top corner. Screw in a sheet metal screw M 4.8 x 16 FST in the predisposed hole marked in the previous step. Screw in gently, leaving a gap of 1 mm between the blade and the screw head.



10.2.- Low corner. M5x50 screw and M8x40 plastic plug that must be in the lock side zone and not intervening in the free passage zone for use as a door, leaving a gap of 1 mm between the leaf and the head of the screw. The location of this screw will be at a distance of 15 x 15 mm from the frame (Image 1).



Assembly instructions are mandatory

1. Doors may only be installed by qualified personnel.
2. **Strictly observe the clearances and tolerances detailed in these installation instructions.**
3. The rigid support structure must have a minimum of 100 mm and a fire resistance of 120 minutes.
4. The flexible support will have a minimum thickness of 125 mm and a fire resistance of 120 minutes.

I-000-PS02 GENERAL NOTES. USE AND MAINTENANCE GUIDE.

GENERAL NOTES.

- These instructions must be followed in detail with regard to the test conditions to ensure the perfect functioning of the door and the self-closing function of the fire doors. In addition, regular maintenance of the door is mandatory.
- The installation of the doors **must only be carried out by qualified personnel**.
- It is the duty of the installer to follow the installation instructions in detail and in particular those concerning the safety of the users. The installer must not install any additional elements that are not expressly authorised.
- It is the responsibility of the customer to construct the supporting structure in accordance with the relevant standards and to use all appropriate elements to avoid impairment of the mechanical strength in the event of the installation of high and/or wide doors.
- The leaves are supplied with one of the following finishes: pre-painted with 12 to 15 micron thick polyester resin, coated with a 120 micron PVC layer, lacquered with epoxy-polyester paint or finished in stainless steel.
- The sheets have a layer of self-adhesive film as temporary protection (except epoxy-polyester lacquered finish). This film must be removed immediately after installation. If any adhesive residue remains from this plastic film, it is recommended that it be wiped off with a cloth slightly dampened with ethyl alcohol.
- The door leaves the factory already packed and cleaned. For cleaning, please refer to the cleaning section below.
- Any complaints about missing or defective goods must be noted on the delivery notes and in any case reported to the manufacturer within eight days of receipt of the goods.

HANDLING AND STORAGE INSTRUCTIONS.

- Transport the material with the appropriate machinery, elements and accessories.
- Deposit and handle the material with care.
- **Do not expose this material to atmospheric agents.** It is the responsibility of the recipient to store this material in an appropriate place, safe from atmospheric agents and the action of the sun's rays.
- In the event that during transport or unloading operations, the goods come into contact with rain or snow, it is essential to intervene quickly by removing the protective nylon of each item served and place them in an upright position for cleaning and drying.
- Any defect extrinsic to the doors must be noted on the copy of the delivery note to be returned to the carrier and communicated to the manufacturer within 48 hours by registered letter.
- Intrinsic defects of general conditions must be reported to the manufacturer within eight days of delivery by registered letter.
- In any case, products with imperfections cannot be used, and therefore installed, and must remain available for any controls that the manufacturer or his designate may wish to carry out.

DOOR USE AND MAINTENANCE GUIDE.

All fire doors should be regularly checked to ensure that they are undamaged and close properly. The check should ensure that the door swings freely and that the self-closing devices operate effectively. Checks should be carried out periodically to ensure that the self-closing devices are effective and that the doors close properly. Doors shall be free of obstructions.

Every 5,000 openings, or every 6 months at the latest, the following operations should be carried out:

- Inspect and operate the door automatically (if applicable) and manually to ensure that all components are in satisfactory working order.
- Check that no devices that could affect the operation of the door have been removed or added.
- Check that the frame and door leaf have no mechanical damage, corrosion, warping or sagging that would prevent normal opening.
- Lubricate the bearing hinge.
- Lubricate the self-closing hinge. Do not tension the spring.
- Clean and lubricate the lock and the latchbolt race recess, making sure that the latchbolt is fully and not only partially inserted.
- Check that the seals are placed in their housing and well adhered. **Do not paint the intumescent gaskets.** The useful life of this gasket is 5 years, although it is advisable to change it beforehand if it is found to be deteriorated or partially torn.
- Check the correct operation of handles, electromagnetic Hold-Open devices, the door closer, anti-panic device if any of these are fitted.
- Check gaps and adjust if necessary, within tolerances. Check that there are no elements that prevent the door from closing correctly, such as wedges, obstacles in the path of the door leaves, etc.
- In the case of glass, check for breaks, cracks or general defects.

For 2-leaf doors, the following subsequent checks should also be carried out:

- Check that the door sequence selector selector of the secondary leaf is working properly, and lubricate the guide and rods of the secondary leaf.
- Lubricate the central lock and the upper hole for the secondary leaf latch.
- Clean any residue in the floor hole for the lower latch.

All moving and hinged parts should also be lubricated.

NOTE: for lubrication use low density lubricant.

In the event of irregular operation of the door or defective accessories, we advise you to contact our Sales Department and request the intervention of an accredited installer or the supply of replacement materials.

CLEANING.

Do not use detergents or any other product other than those indicated here.

Do not scrape the surfaces.

For cleaning it is advisable to use only a non-abrasive cloth and soapy water.

Stainless steels may rust, forming a faint film of chromium oxide on the surface. For cleaning, **use only** specific products for stainless steel.