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CAPTIONS







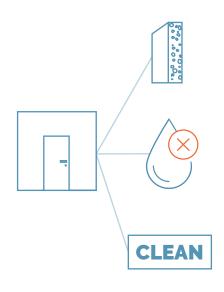




1 PROCEDURAL SEQUENCE

PRECAUTIONS





STORAGE PRECAUTIONS

Store all doors, including exterior doors, away from the elements and moisture prior to installation.

Do not expose the blue protective film covering the leaf to the sun.

Poor storage conditions can affect the adhesion of the protective film, making it difficult to remove.

CONSTRUCTION MEDIUM

Thickness (min. 100 mm), density and resistance vary according to the performance of the door set and must comply with the relevant certificates.

CORROSION PRECAUTIONS

The wall must be completely dry.

SEALING MORTAR ADHESION

MARKING THE FINISHED FLOOR

This depends primarily on the surface condition of the edges of the opening,

which must be clean and free of any paint or coatings. Note to builder: it is advisable not to repoint the masonry seals around the narrow sides of the opening in order to improve the adhesion of the sealing mortar.

With a rough floor: ensure that the finished floor level is clearly

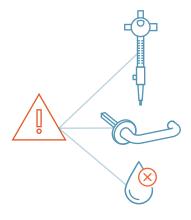
With a finished floor: check that the floor beneath the leaf and the entire area that the door sweeps when opened is horizontal.





INSTALLATION PRECAUTIONS

- Always keep at hand an accessory to allow you to open the door during installation.
- Do not use the master key in combination with the Abloy EL520 lock.
- Fire doors must be stored and installed in conditions free of moisture.





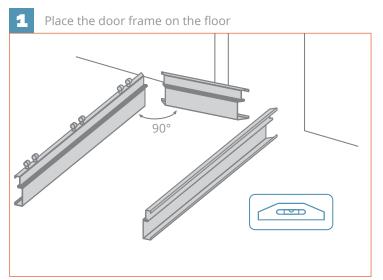
PRECAUTIONS FOR DOORS EXPOSED TO THE ELEMENTS

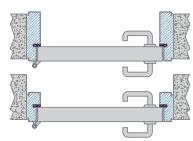
Any orifices that might be exposed to the elements must be protected with silicone sealant.

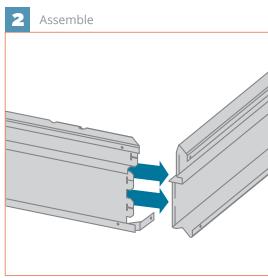
INSTALLATION: FITTED IN TUNNEL

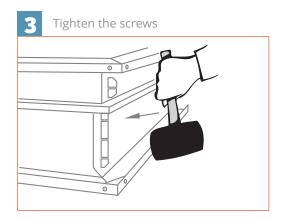
(in the opening / flush)

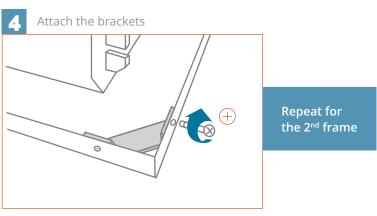
PREPARING THE FRAME

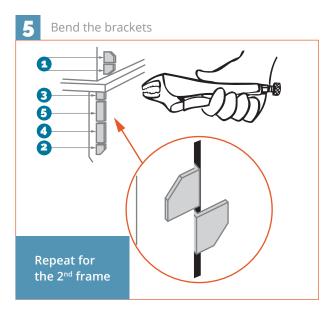


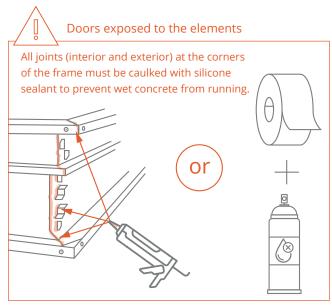


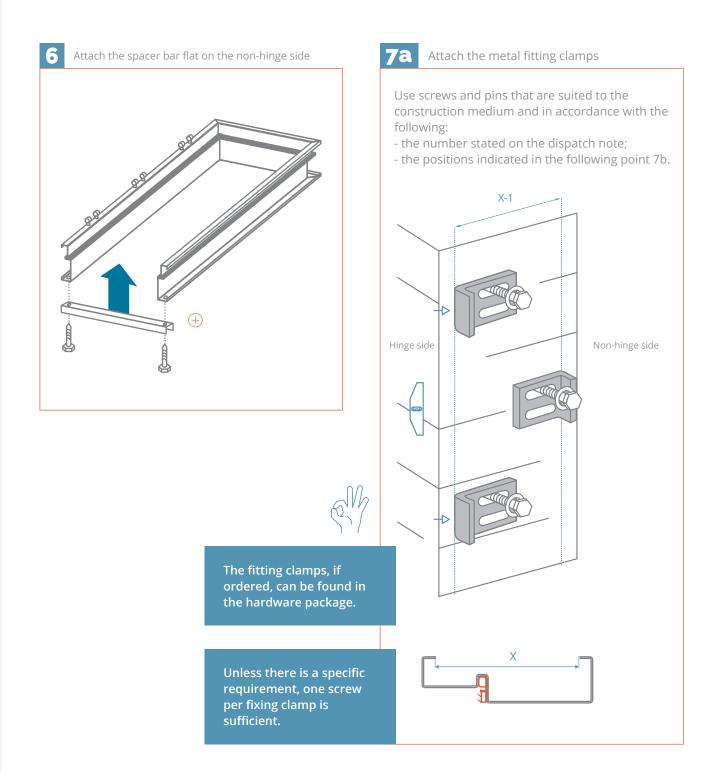










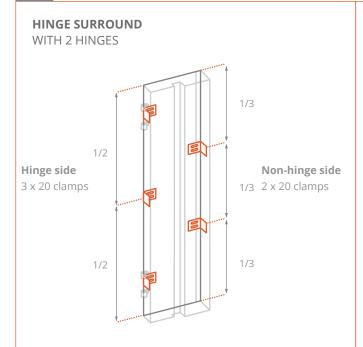


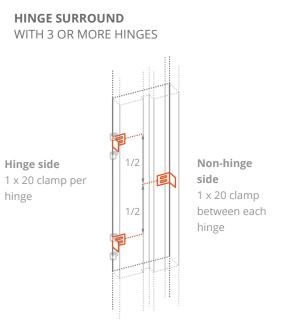


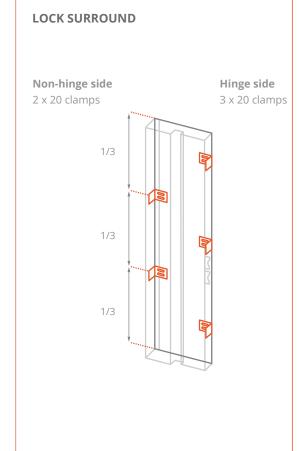
HIGH SURROUND FOR DOUBLE DOORS

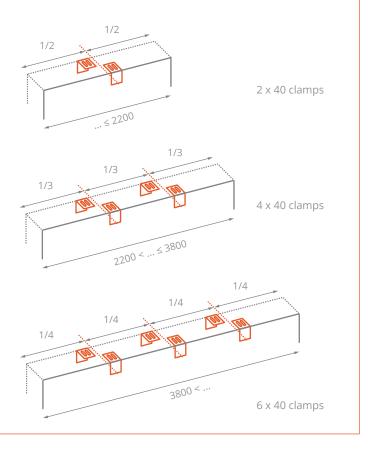
Unless there is a specific requirement, the number of fixing clamps must be respected as a minimum.







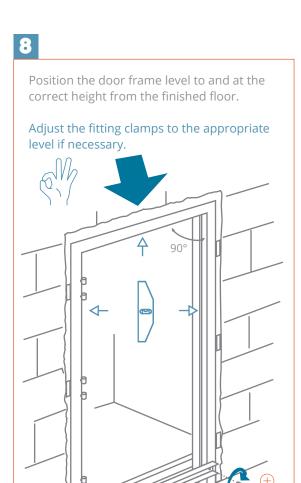


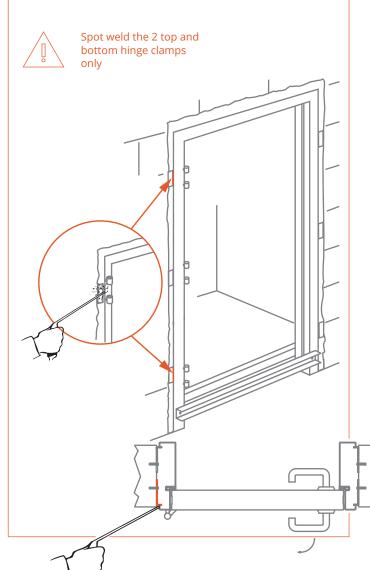


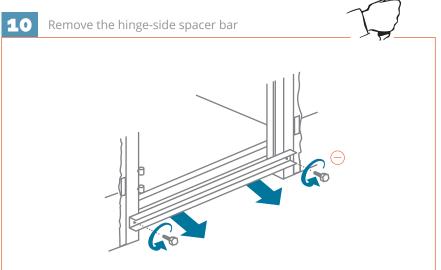


Marking

Take care to protect any flammable elements when welding the clamps.

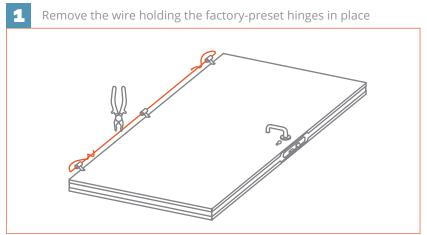


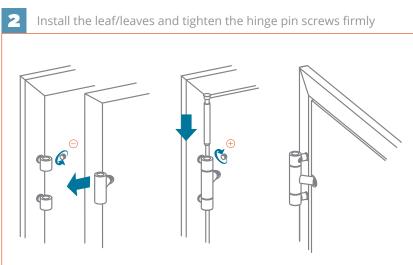


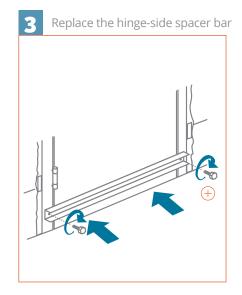


Attach the hinge spacer bar

INSTALLING THE LEAF

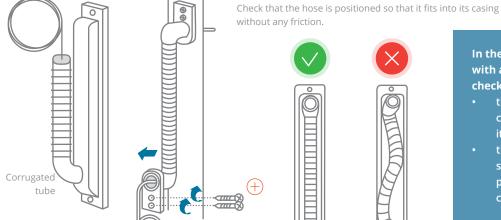






Door fitted with spring-loaded cable duct Pull-roll Feed the cable through the cable duct using the pull-roll.

Attach to the frame

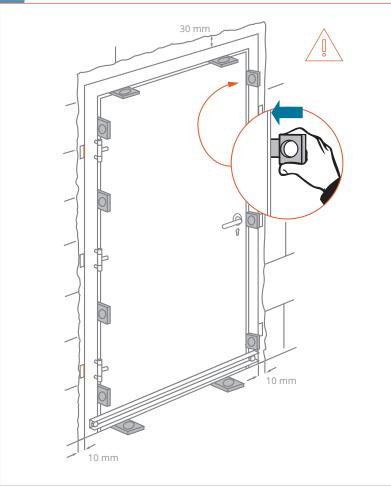


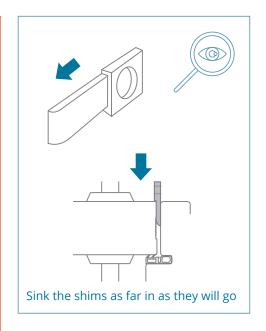


In the case of doors fitted with a cable duct, always check the following:

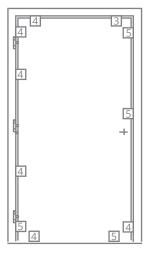
- that the sheath is correctly positioned in its sleeve;
- that the sheath has sufficient flexion for potentially replacing the

5 Position the shims



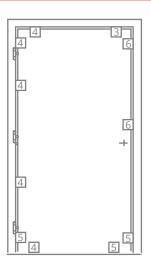


The type of single door kit (1/2) is calculated according to the doors and is indicated on the delivery note



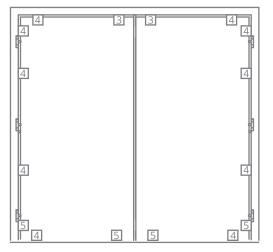
KIT 1 SINGLE DOOR

1 x 3 mm shim 6 x 4 mm shims 4 x 5 mm shims 0 x 6 mm shims



KIT 2 SINGLE DOOR

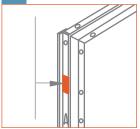
1 x 3 mm shim 5 x 4 mm shims 3 x 5 mm shims 2 x 6 mm shims

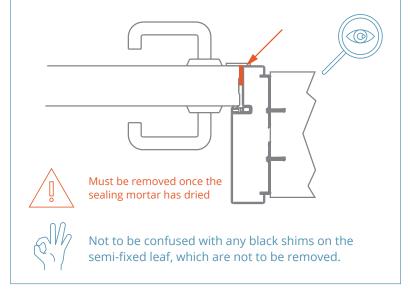


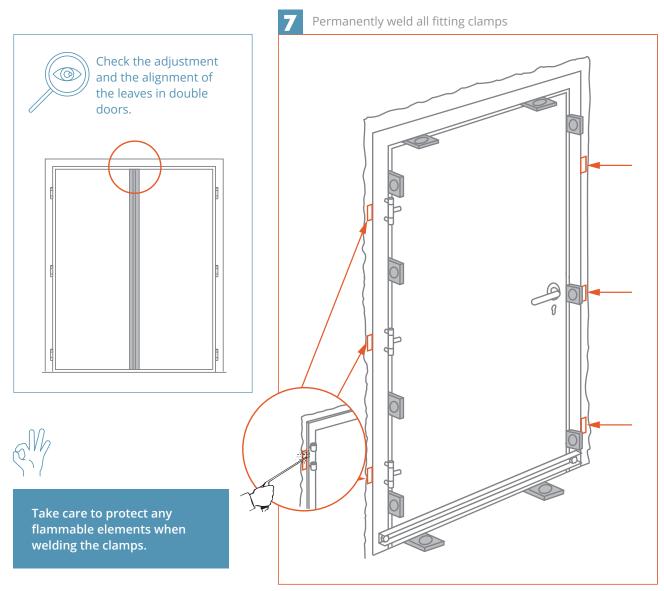
KIT DOUBLE DOOR

2 x 3 mm shims 10 x 4 mm shims 4 x 5 mm shims 0 x 6 mm shims

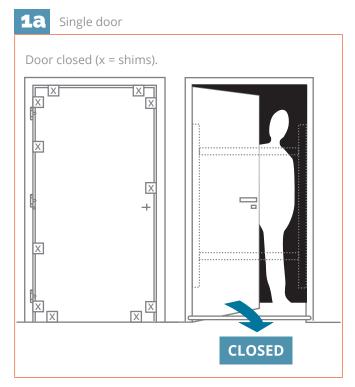




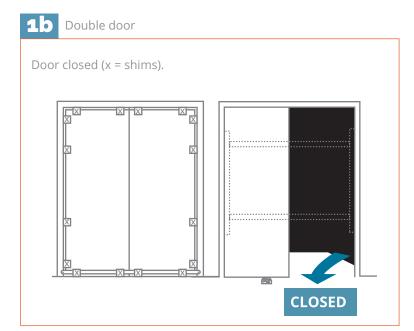




APPLYING THE SEALING MORTAR



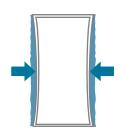


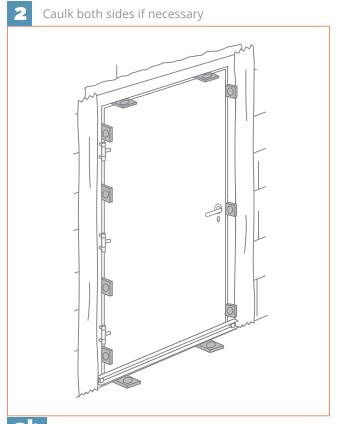


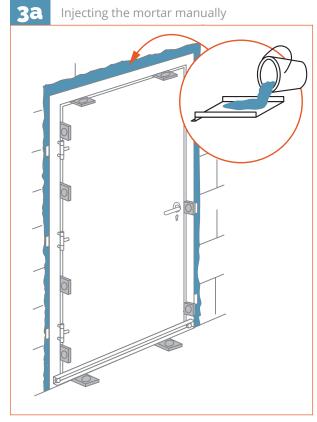


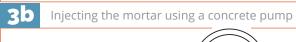


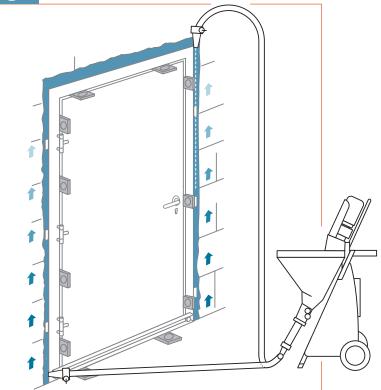
- Under no circumstances should the spacer bars at the bottom of the frame be removed.
- Always leave the shims long enough.
- Prop up where necessary to prevent the frame from bulging (essential when applying with the door open).
- The utmost care must be taken when propping up the frame.

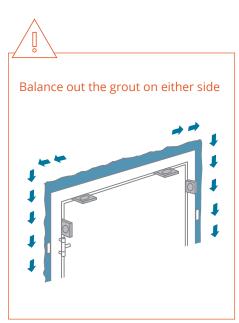






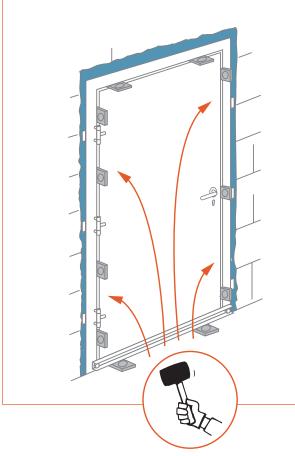






4

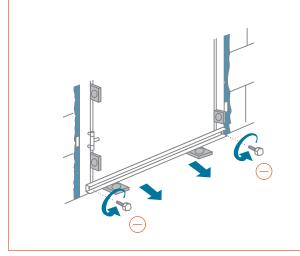
Tap the frame (using a rubber hammer) to ensure that the mortar is evenly distributed as it is applied.



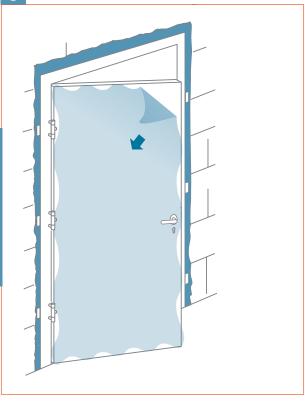
Remove the blue protective film from the leaf and remove any traces of concrete using a damp cloth. This film must be removed immediately after installation.

5

Do not remove the caulking, props, shims or spacer bars until the mortar has set. The time this takes can vary depending on the type of mortar used.



6

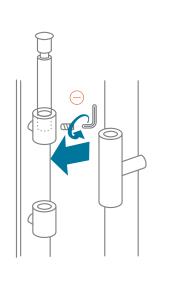


ADJUSTING THE LEAF ONCE THE MORTAR HAS SET

HINGES

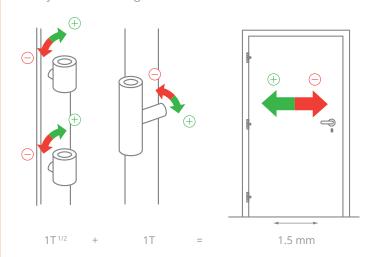
1

Loosen the screws on the hinge pins and remove the pins.



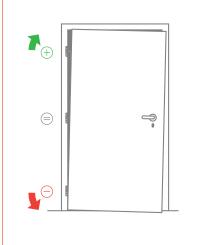
2 Horizontal adjustment

Turn the two corresponding hinge parts of the frame through one and a half turns (in the same direction) for each turn made to adjust the leaf hinge.

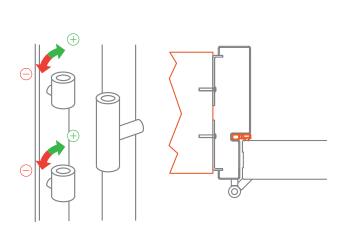


Clockwise: reduces the slack around the hinge.
Anti-clockwise: increases the slack around the hinge.

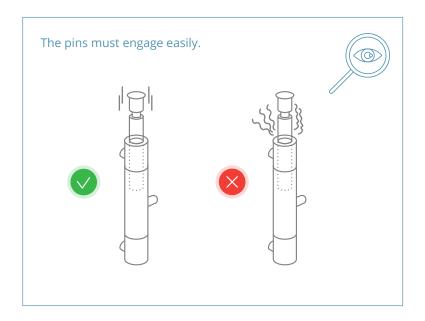
Straighten the door by adjusting each hinge individually if necessary.

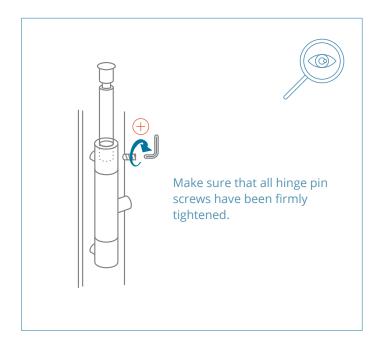


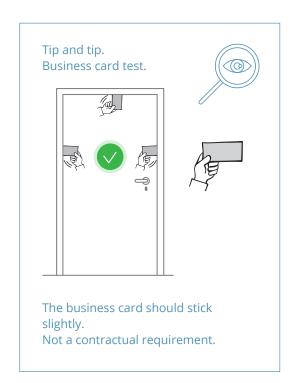
3 Compression adjustment



Only adjust the hinge parts of the frame. The compression of the lock surround can be adjusted using the striker plates (see chapter on striker plate adjustment).



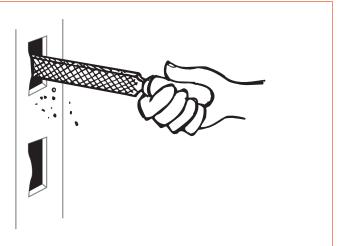




STRIKER PLATES

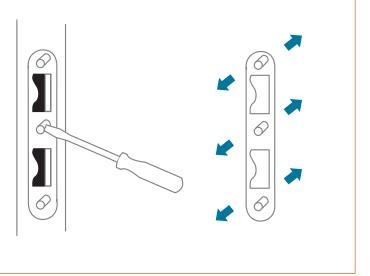
SINGLE DOOR

File down the rounded parts if more slack is required for the bolt and check that the bolt is fully engaged.

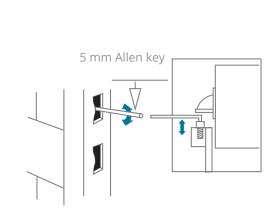


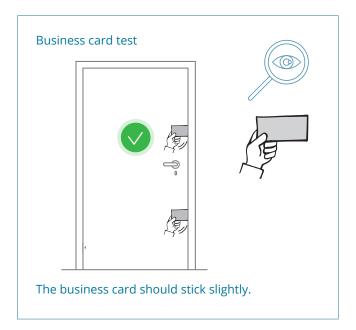
DOUBLE DOOR

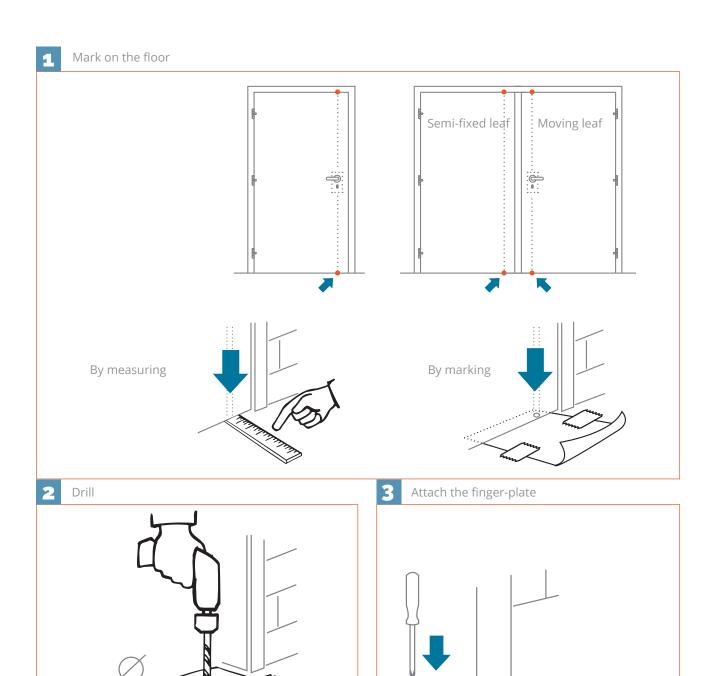
Semi-fixed leaf side. Adjust to compress the rebate joints along the full height.



ADJUST IF THERE IS AN ADJUSTING SCREW









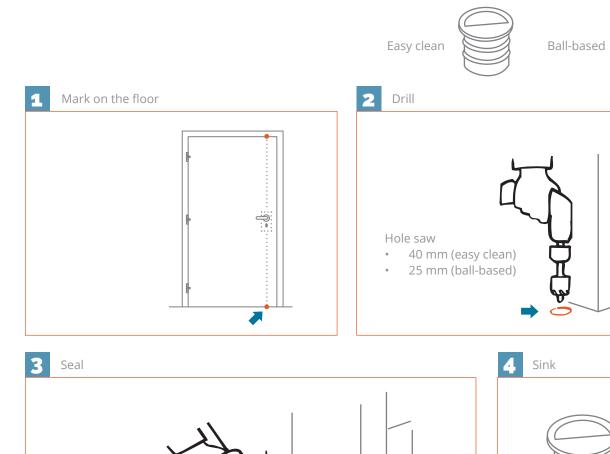
For automatic bolts on double doors:

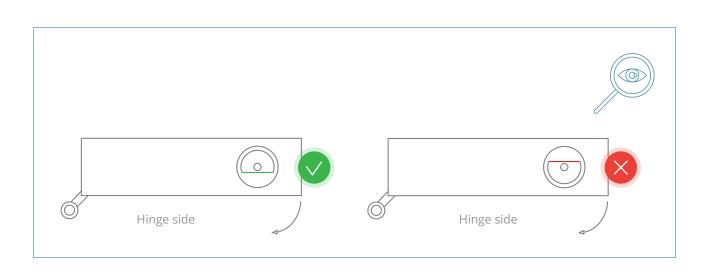
the moving leaf can only be closed again once the housing hole has been drilled into the ground. Ensure the following:

- that the rod does not rub against the striker plates; if it does, adjust it accordingly;
- that the automatic bolt is sufficiently sunken to ensure that the rods protrude by +/-15 mm, or else bring the leaves closer together by adjusting the hinges horizontally or raising the friction plate.

GROUND SOCKET

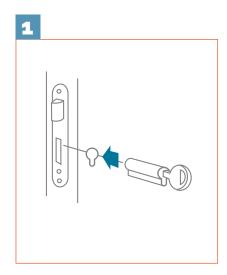
Silicone or polyurethane sealant

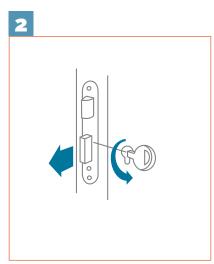


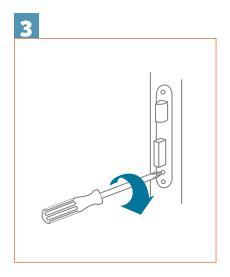


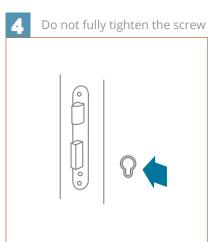
FITTINGS INSTALLATION

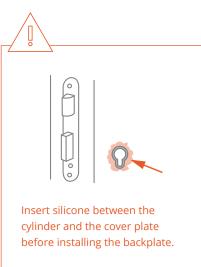
CYLINDER

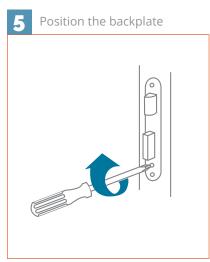


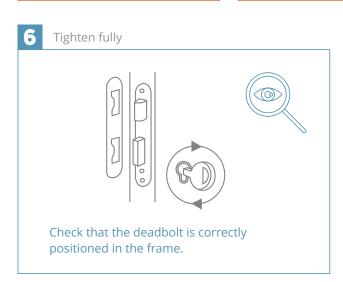


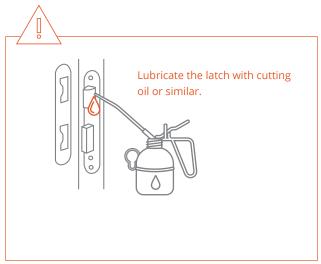






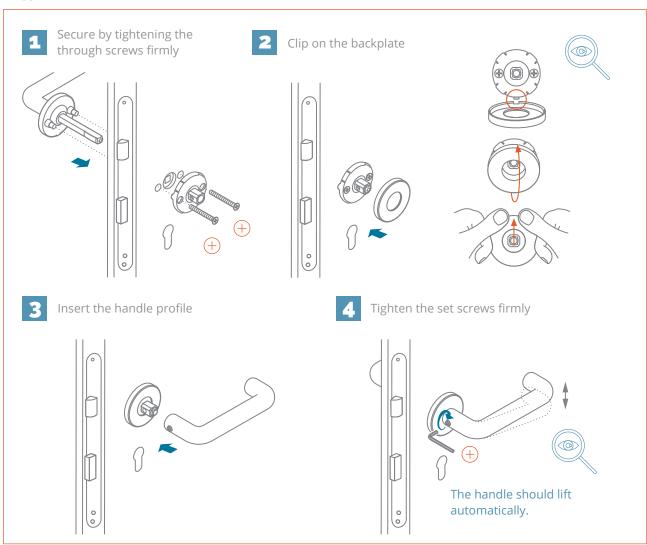




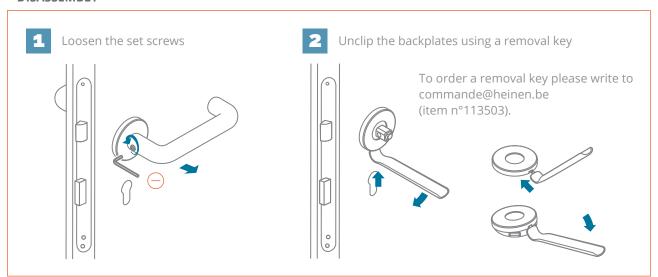


HANDLES

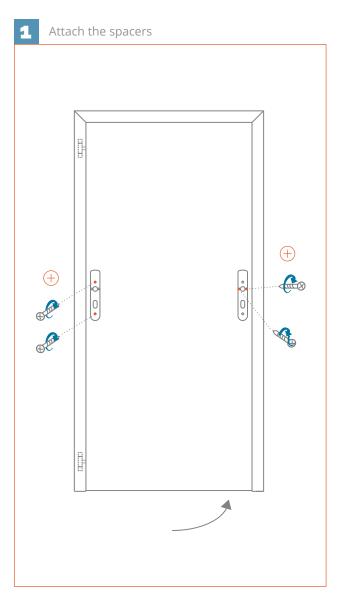
ASSEMBLY

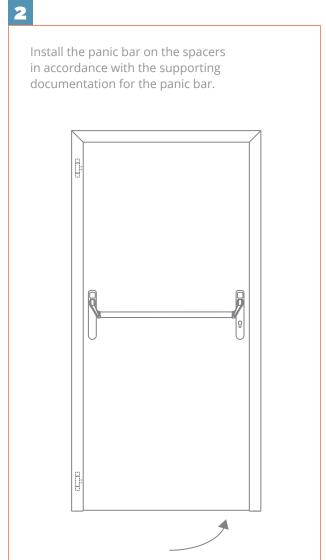


DISASSEMBLY

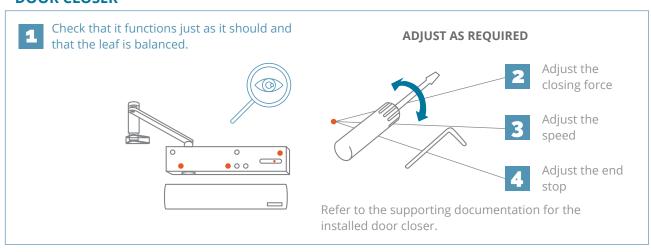


ANTI-PANIC BAR





DOOR CLOSER



CLOSURE SELECTOR

The semi-fixed leaf must close before the moving leaf

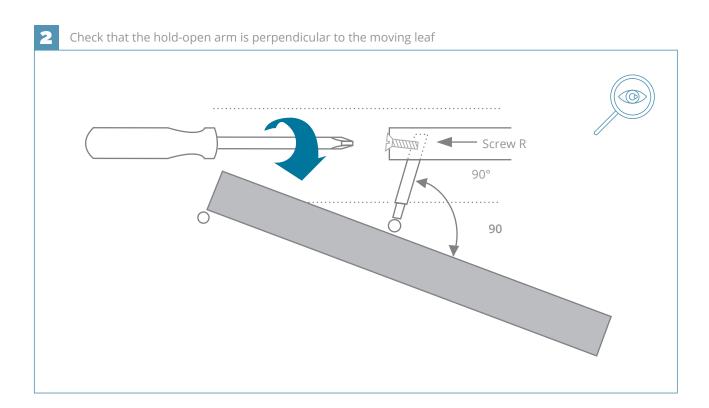
Screw R

Selector body

Hold-open arm

Moving leaf

Semi-fixed leaf



FINAL CHECK AND FINISHING



- Check that the screws are tightly fastened.
- Clean with a damp cloth.
- Do not clean with water or a pressure washer.



Use a Loctite 243-type threadlocker for the handle screws.

HEINEN WARRANTY



1. GENERAL TERMS

Unless otherwise stated, the 15-year warranty applies to all Heinen Metal + door blocks installed with the installation clamps and mortar filling. A 10 year guarantee applies to all door blocks installed by screwing, without concrete filling. The guarantee covers the mechanical stability of the door block and the seals. For glazing, hardware and other equipment, the warranty is limited to one year unless otherwise specified by the manufacturer.

2. CONDITIONS

The warranty is subject to:

- 1. the respect of the installation instructions as described in the appropriate Heinen installation manual;
- 2. use of the product in the context of normal use;
- 3. a clearly legible serial number (only valid for doors produced after Sept. 2016);
- 4. storage and assembly protected from the weather and in a dry environment;
- 5. the absence of any mention limiting or cancelling this warranty in the price offer or order confirmation.

3. EXCLUSIONS

Damage related to:

- an accident, abnormal use or caused by forced entry and/or vandalism;
- using harsh products (caustic cleaning products, road salt, etc.);
- · corrosion or exposure to extreme weather conditions (flooding, storms, etc.);
- using a large quantity of water or using a high-pressure cleaner.

The warranty will be cancelled:

- if the door set has been fitted with locks, accessories or other fittings which have not been supplied by Heinen or have been imposed by the customer and not approved by Heinen;
- if the door set is modified and/or has fittings from a third party;
- if malfunctions occur linked to fitting the door set and/or hardware incorrectly.

4. LIABILITY LIMIT

If the Customer has suffered damage as a result of defects in the goods supplied by HEINEN DOORS BELGIUM, incorrect deliveries and/or deviations in quantities, the liability of HEINEN DOORS BELGIUM, without prejudice to what is stipulated in Article 10 of the General Terms and Conditions of Sale, is limited to the replacement of the missing or defective parts or the payment of the equivalent value of the price of the goods delivered, regardless of the amount of the damage suffered. In no event shall HEINEN DOORS BELGIUM be liable for indirect, incidental or consequential damages, such as, but not limited to, loss of business, loss of profits, additional costs, loss of turnover.

Heinen reserves the right to replace defective parts by parts with a slightly different design.



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