



INSTALLATION INSTRUCTIONS EUROA

ver. 0.01/04/2015

Download instructions:



EUROA
Perfect fit **doors**

INSTALATION, OPERATION AND MAINTENANCE

1. Copyright and property rights

The copyright in this manual belongs to the manufacturer. No part of this manual may be reproduced or processed copied or distributed by electronic systems in any form without approval in writing by Firma Aluglass. Violators of the above provisions will be liable to claims for damages. All brands named in this manual are the property of their respective manufacturers and are hereby acknowledged.

2. Details of the manual

To keep the manual as general as possible, not all types and installation modes are specifically described. The installation described in this manual is an example only. The actual installation must be conform to local conditions. If different fittings or accessory components (e.g. door closers etc.) are used, follow the directions for installation included with the accessories. We reserve the right to make technical changes. Keep this manual in a safe place. It is an important document for your building records.

This manual is also available at www.euroa.pl. Optionally available accessories are described. The actual scope of delivery may vary. Version of manual: ver. 1.6 / 05.2011. The language of the original installation and operating manual is Polish. All other language versions are translations of the original installation and operating manual and are identified as such.

3. Explanation of notes

The following notifications are used in this manual:



DANGER

Denotes an immediate threat of danger that will cause death or very serious injury.



CAUTION

Denotes are possible hazardous situation that may damage the door.



NOTE

Denotes additional information and useful instructions.

4. Explanation of symbols

The following symbols are used in this manual:



See section, chapter X.X.



See guideline for planning and implementation of the installation of windows and doors



Optional accessories. Accessories can be ordered from Firma Aluglass as required at any time



Required tools



Scope of delivery



Additional information



1-wing door



1-wing door with side glass / upper glass



Installation sequence



Support blocks



Spacer blocks



Inside



Outside



Condensation



Vapour diffusion-proof



Vapour diffusion permeable



Tighten screws



Check that installation is correct



Select anchorage depending on the base



Setting in summer



Setting in winter



Force for closing the door



Door closes easily



Door closes with difficulty



Align door by adjusting hinges



Lock adjustment



Installation instructions for forced-entry resistance class 3 (RC3)

5. Safety instructions

If the directions in this manual, the (technical) documents and regulations are not observed, the installer of the door will have sole liability for any resulting damages. This will also apply to unauthorised changes and modifications to the door and its components.



DANGER OF DEATH

The door or door frame may fall during installation and transport and cause serious or fatal injury.

Always transport and install the door with at least two persons.

Secure the door and door frame throughout the installation process to prevent its falling. The door is packed in plastic packaging for transport. Store the packed door away from direct sunlight. If necessary, cover the door.

When storing several doors do not stack them on top of one another.

In addition to this manual the following (technical) documents and regulations must also be observed:

- Guideline for planning and implementation of the installation of windows and doors
- Guidelines for installation
- National regulations for occupational health and safety
- National regulations for environmental protection
- Generally accepted technical regulations for safe working

6. Qualifications of personnel

6.1 Installation personnel

The door must be installed by qualified technicians only. Installers must be familiar with the occupational health and safety regulations in their country. Minors or apprentices are permitted to do this work only under the supervision of a qualified person.

6.2 Electricians

Work on the electrical system and live parts must be conducted by a qualified electrician only. Work on the electrical system and live parts must not be conducted by installers.

7. Installation preparation

The door frame can be installed with anchors or wall plugs.

The wall anchors required for installation are included in the price of the door. Wall plugs A,B,C,D can be ordered from the manufacturer doors as SET to door. For the wall plugs B,C,D are attached round cap in the following colors: white, black, gray.

8. Notes on forced – entry-resistant doors

9. Installation

7.1 Determining the door position

- The door of the classless mounted with dowels, can be prepared for installation in the factory, through the execution of holes of the correct diameter. The required hole diameter must be specified when ordering or adopt the guidelines of the manufacturer.
- Ensure that the correct anchorage for the specific surface is used.
- When using wall plugs use them at the required distances and follow the directions and work instructions of the wall plug manufacturer.
- Use only foams, sealants and tape expansions application. Make sure that materials are compatible. Follow the directions and work instructions of the manufacturer.
- In the case of warm installation it is possible to buy aprons EPDM inserted into the frame.



NOTE

Contact your dealer for more information on anchoring and sealing the door.

- Remove all packaging before installation.
- Before installation check whether accessories must be ins

Forced-entry resistant doors are complete components and must be installed correctly. The walls of the structure must as a minimum conform to PN-EN1627:2012P. The frame must be backfilled to be pressure-resistant. The air gap in particular must be correct and the wall anchors must be securely fastened. Classification of resistance classes for forced-entry resistant doors and walls in accordance with PN-EN1627:2012P.

9.1 Note the floor situation

- When installing the door note the floor situation (horizontal, stability, highest point).
- Use the applicable thermally separated substructure profile threshold for the floor type.

9.2 Determining the position of the door

- Position the door in the plane for the type of door installation.
- Position the door centrally with monolithic or single-layer walls.

- When positioning the door ensure that the required distances are maintained for the different methods of fastening the door frame.
- Clearance on the sealing should be between 10 cm to 20 cm.

9.3 Fastening the door frame



CAUTION

If wall plugs are used to install the door frame, they may become distorted.

- Fasten door frame evenly at all fastening points.
- Anchor door frame tightly and securely without distorting the door frame!



NOTE

- *ALWAYS use blocks or wedges latching (available in the company) at all fastening points for RC3 installation of the door and in the upper and lower points for the installation of a classless.*
- *Anchor door frame with anchor installation or wall-plug installation.*
- *Anchor the door at least at all defined fastening points.*



NOTE

Keep the shadow gap between frame and wing to 5 mm for an optimum seal.

9.4 Hanging the door



CRUSHING HAZARD

- *Fingers may be crushed when hanging the door*
- Always install the door at least two persons.
- Hang the door carefully and work carefully in the crush area between the door and the door frame.

9.5 Aligning the door

- Close the door and align it so the door fits closely all around the complete door frame and closes properly. If necessary correct the alignment of the door frame.

10. Inspection and maintenance

11. Cleaning and care

9.6 Sealing the door frame

- Seal the joint between the door frame and wall with insulation material.
- Seal the interior with a vapour barrier.
- Seal the exterior with a vapour-permeable and rain-proof barrier.

9.7 Power connection



DANGER

Risk of electrocution in the event of direct or indirect contact with live parts. This may result in electrical shock, burns or death.

Ensure that all power is disconnected before wiring work. Ensure that power remains disconnected during wiring work (e.g. prevent power from being switched on).

The connection to mains must be made by the persons described in Chapter "Safety instructions - qualifications of personnel" only.

- Connect optional electrical accessories to mains and the door to mains.

9.8 Check the installation is correct

- Check the anchorage of the door frame.
- Check the seal between the door frame and wall.
- Check the alignment of the door.

9.9 Cleaning the door



PROTECTIVE FILM BREAK UP TO 48 HOURS AFTER INSTALLATION THE DOOR!

After installation of the door, remove particles of mortar, foam residue and other dirt immediately, see Chapter 11. Cleaning and care and „Care and maintenance“ leaflet.

Oil or grease movable fittings once a year. Use only acid-free oil. Door hinges are maintenance-free. Never, not oil hinges.

Contamination will reduce the service life of the door by possible corrosion. Clean the door regularly and thoroughly.



CAUTION

Unsuitable and aggressive cleaning agents may damage wiring, surfaces and components.

- Use only suitable cleaning agents to clean the door.

- Mix warm water with a small amount of mild plastic cleaner. Moisten a clean, soft and lint-free cloth and wipe down the surfaces of the door.
- Clean all metal surfaces with suitable materials.

Never use the following cleaning agents to clean the door:

- alkalis
- acids
- scouring agents
- scrapers, razor blades or spatulas.

12. Adjustment

The door can be adjusted in all directions in the manual (Adjustment of the hinges is available).

12.1 Hinges

Adjust the door in all three dimensions with the hinges and set the contact pressure of the door.

After alignment of the door press on the covers of the hinges.

Hinges roller and visible we regulate in the range of 3D.

Hinges concealed we regulate in the range of 2D.

12.2 Strike plate

Set the contact pressure of the door with the strike plate.

12.3 Spare parts and accessories

Use only original spare parts and original accessories from Firma Aluglass. The manufacturer is not liable for damage caused by using spare parts or accessories from other sources. This will cancel the warranty.

13. Declaration of conformity

(In accordance with the regulation of the European Parliament and of the Council (EU) number 305/20155 of 09.03.2011)

The manufacturer:

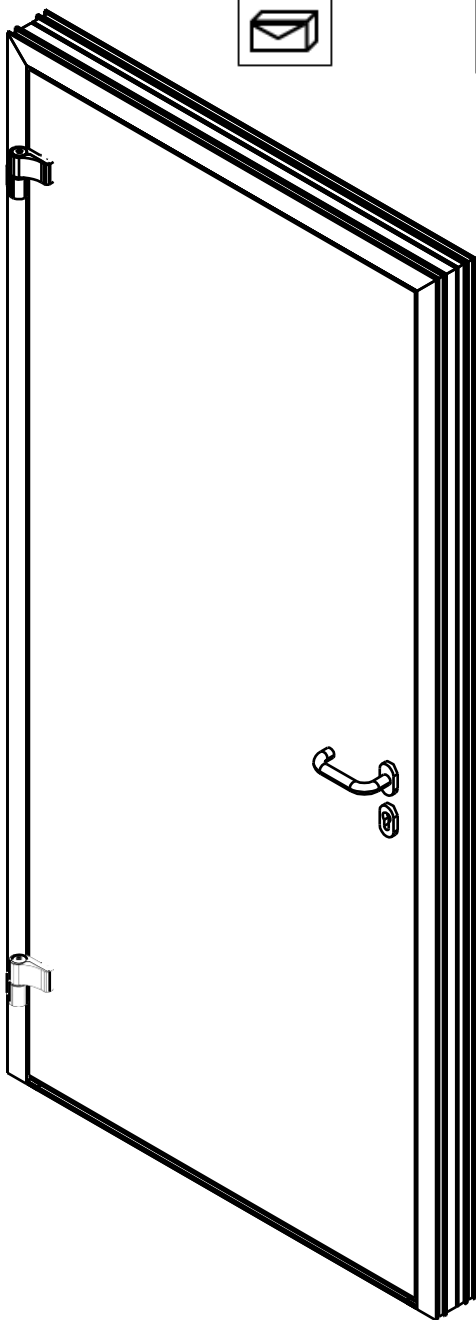
Firma Aluglass
ul. Ujejskiego 313
32-400 Myślenice
POLAND

Declares that the following product: aluminium door, type: EUROA, is developed, designed and manufactured in conformance with the regulation of the European Parliament and of the Council (EU) number 305/20155 of 09.03.2011.

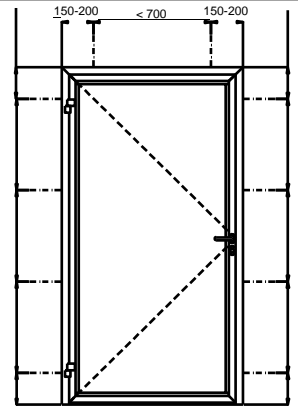
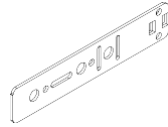
Applicable directives and harmonised standards:

- EN 14351-1:2006+A1:2010 Windows and doors – product standard, performance characteristics – „windows and external pedestrian doorsets without resistance to fire and/or smoke”.

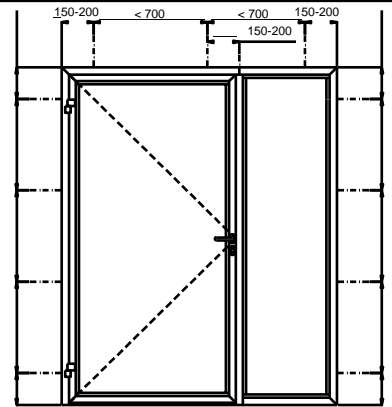
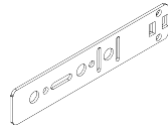
If the product is changed this declaration will no longer be valid.



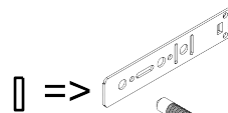
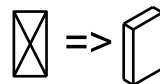
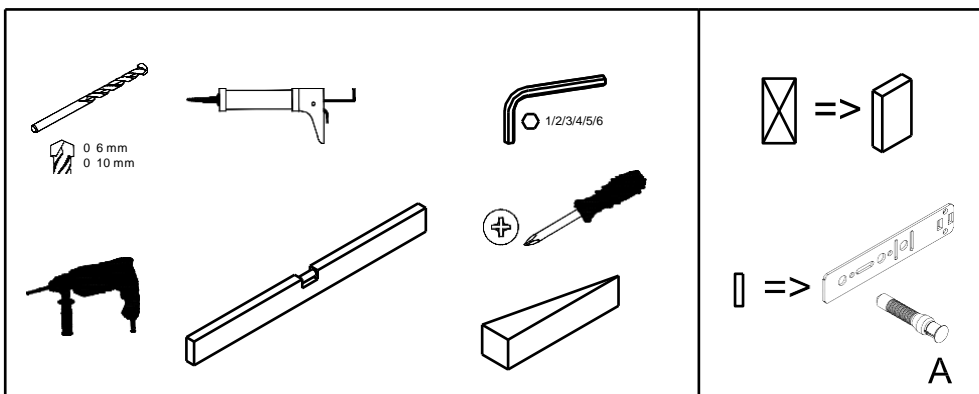
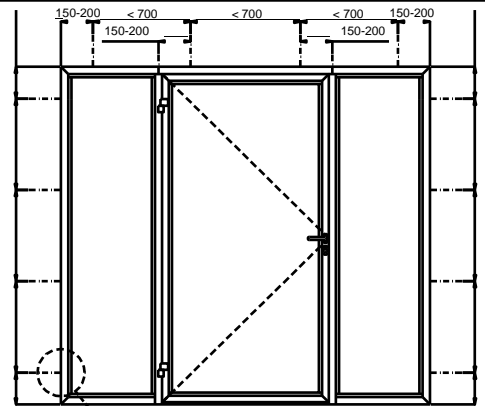
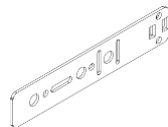
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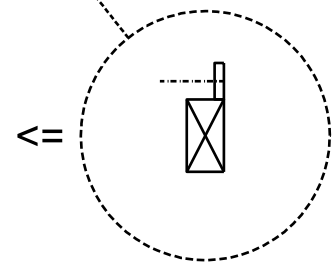
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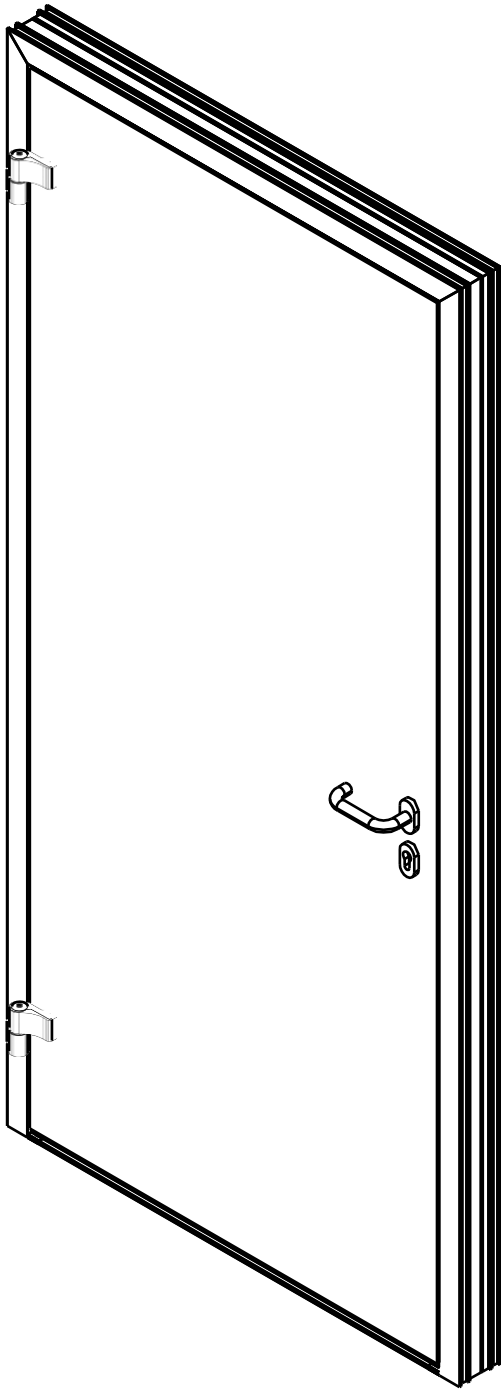


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A





x8

x9

x10

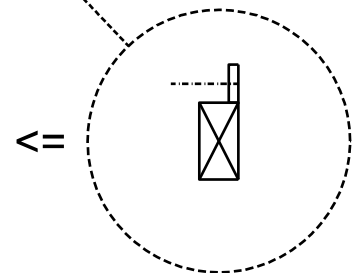


Ø 6 mm
Ø 10 mm

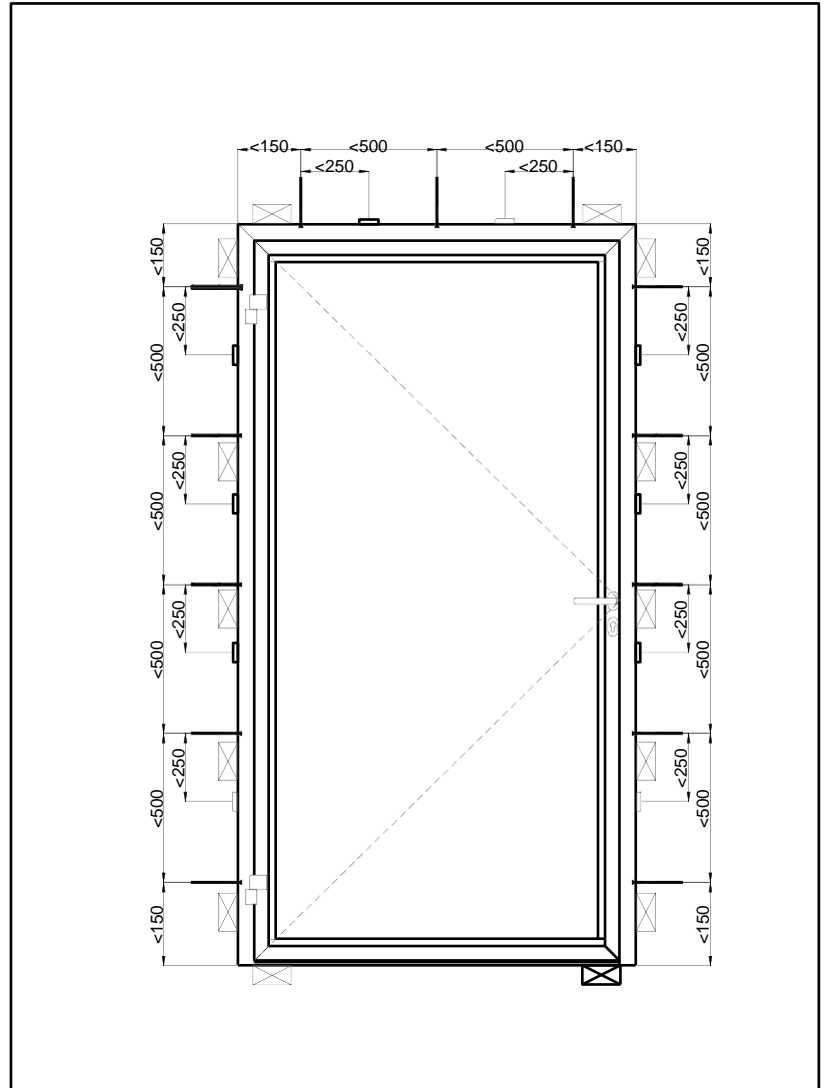
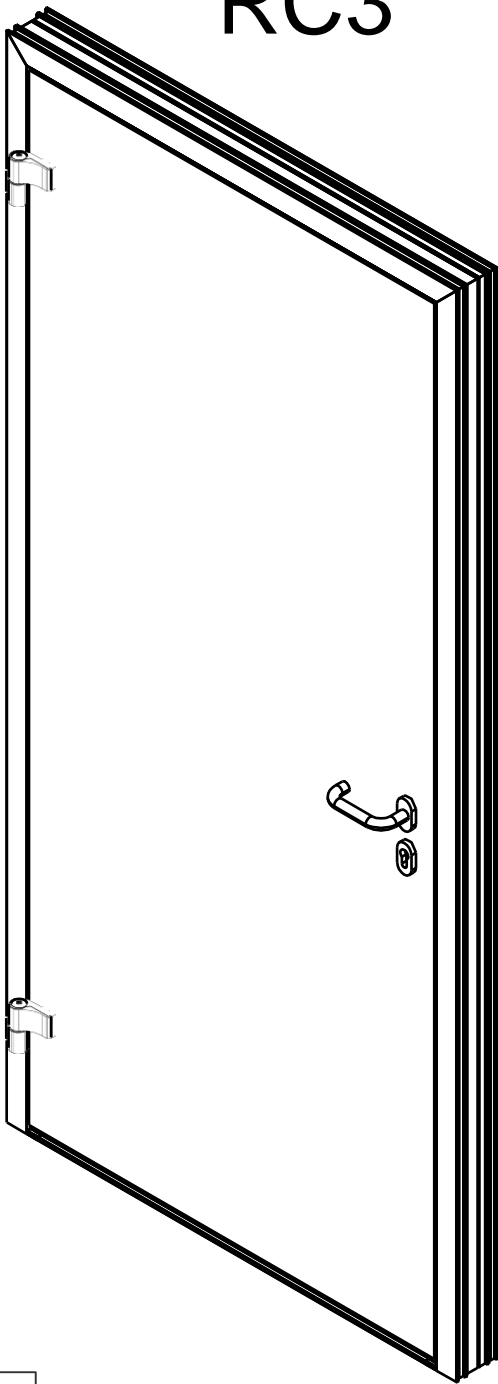
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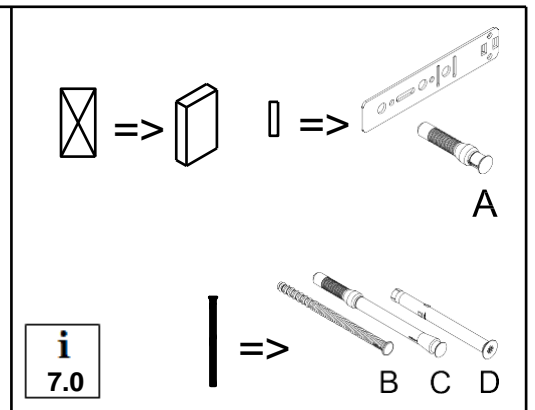
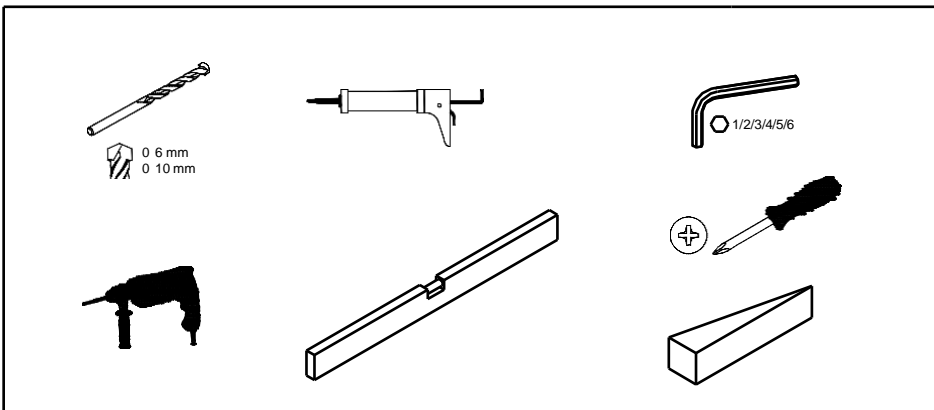
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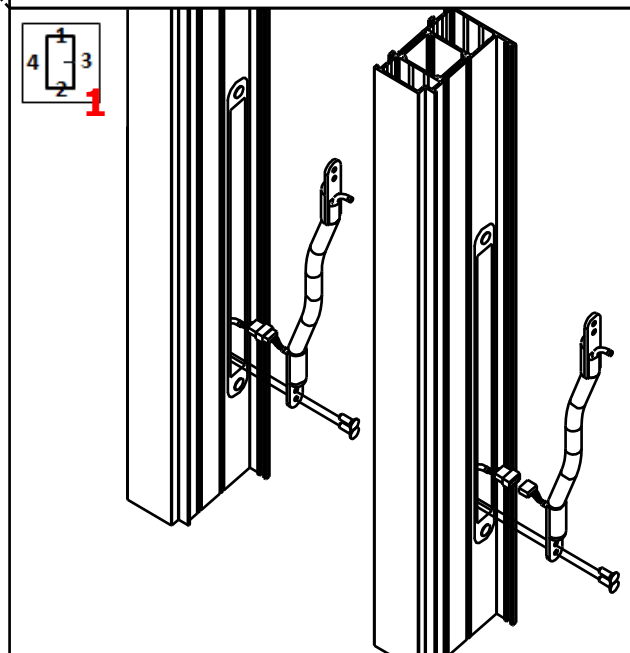
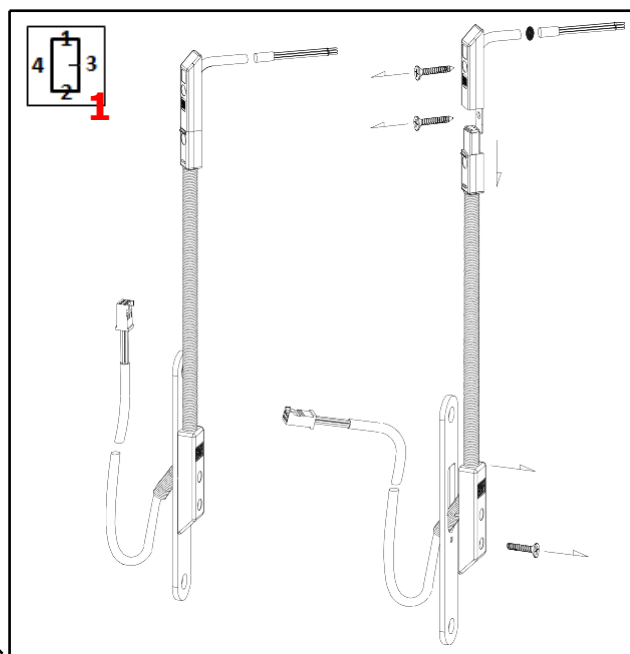
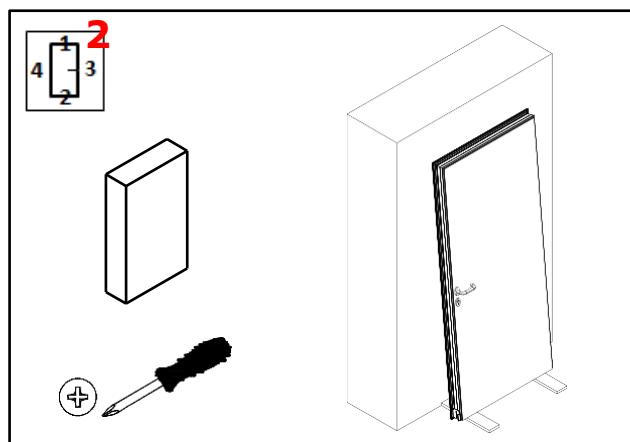
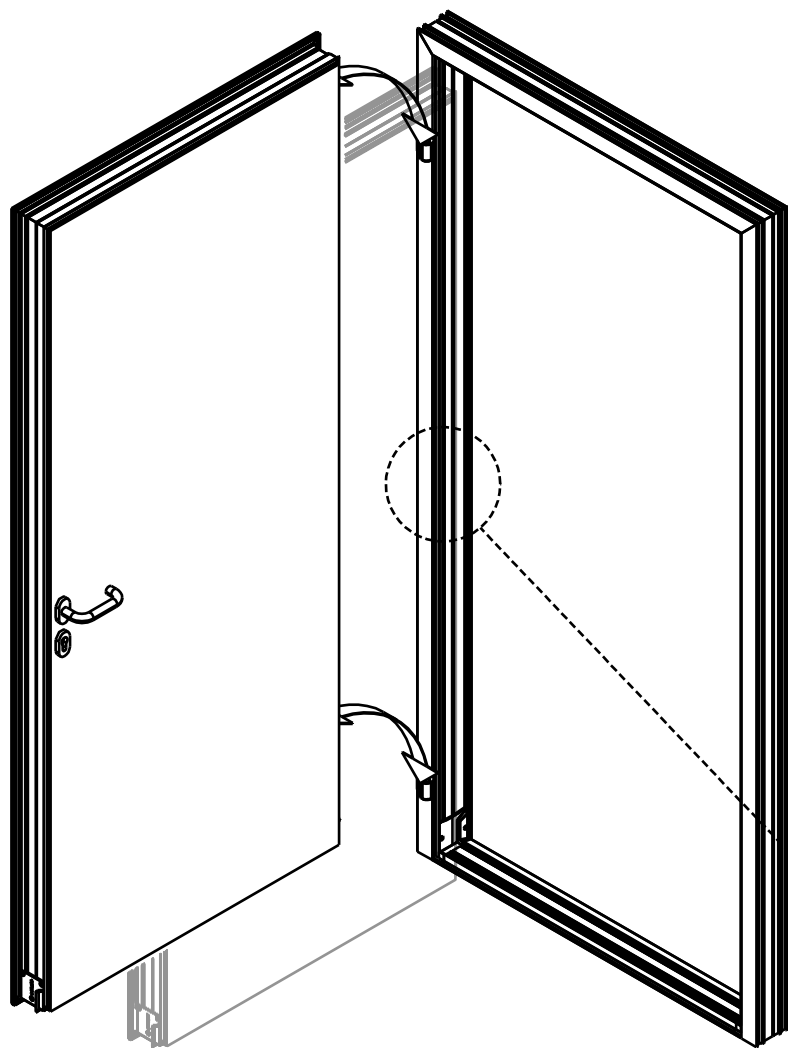


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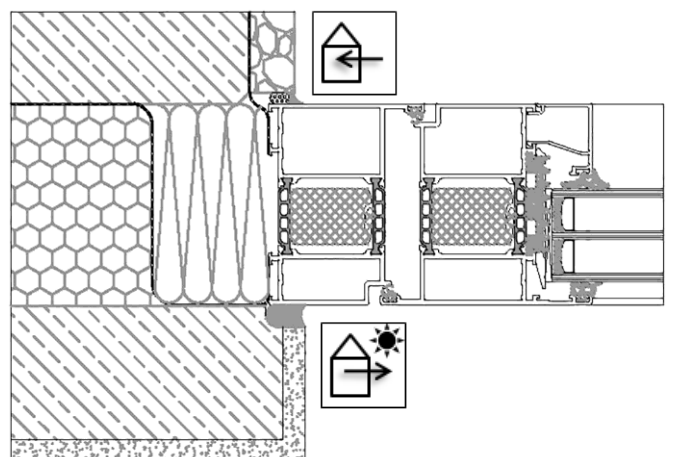
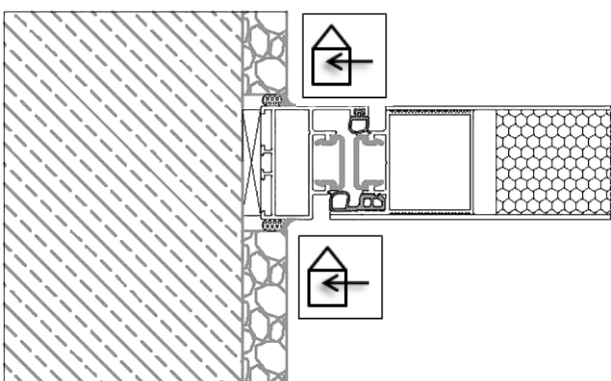
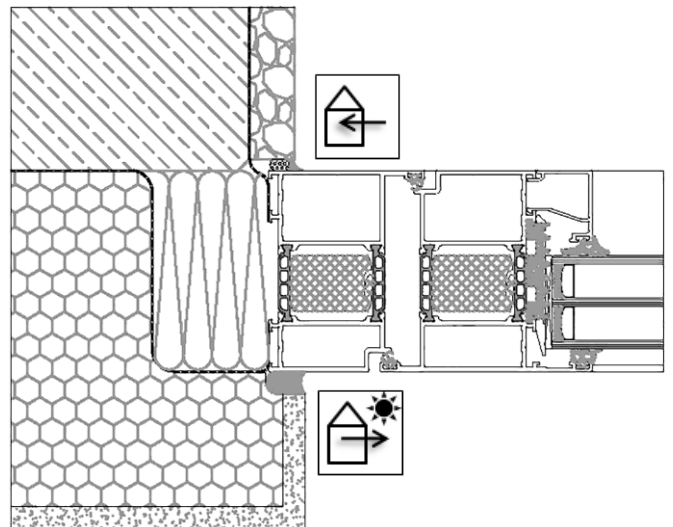
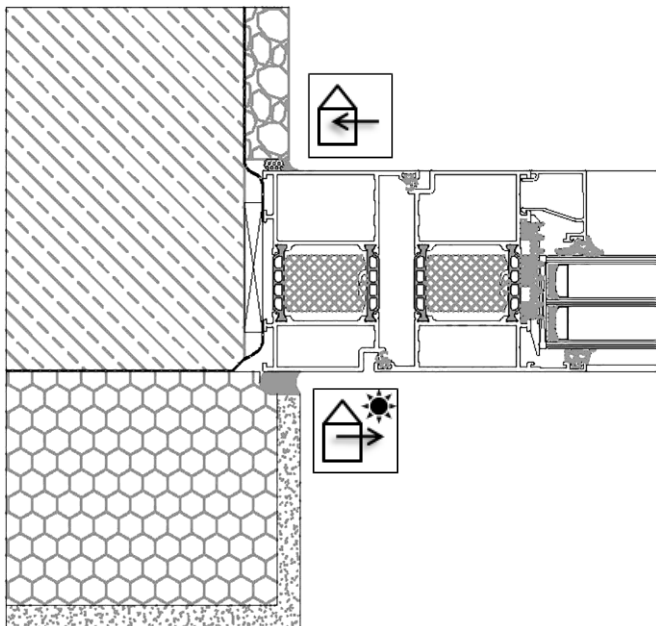
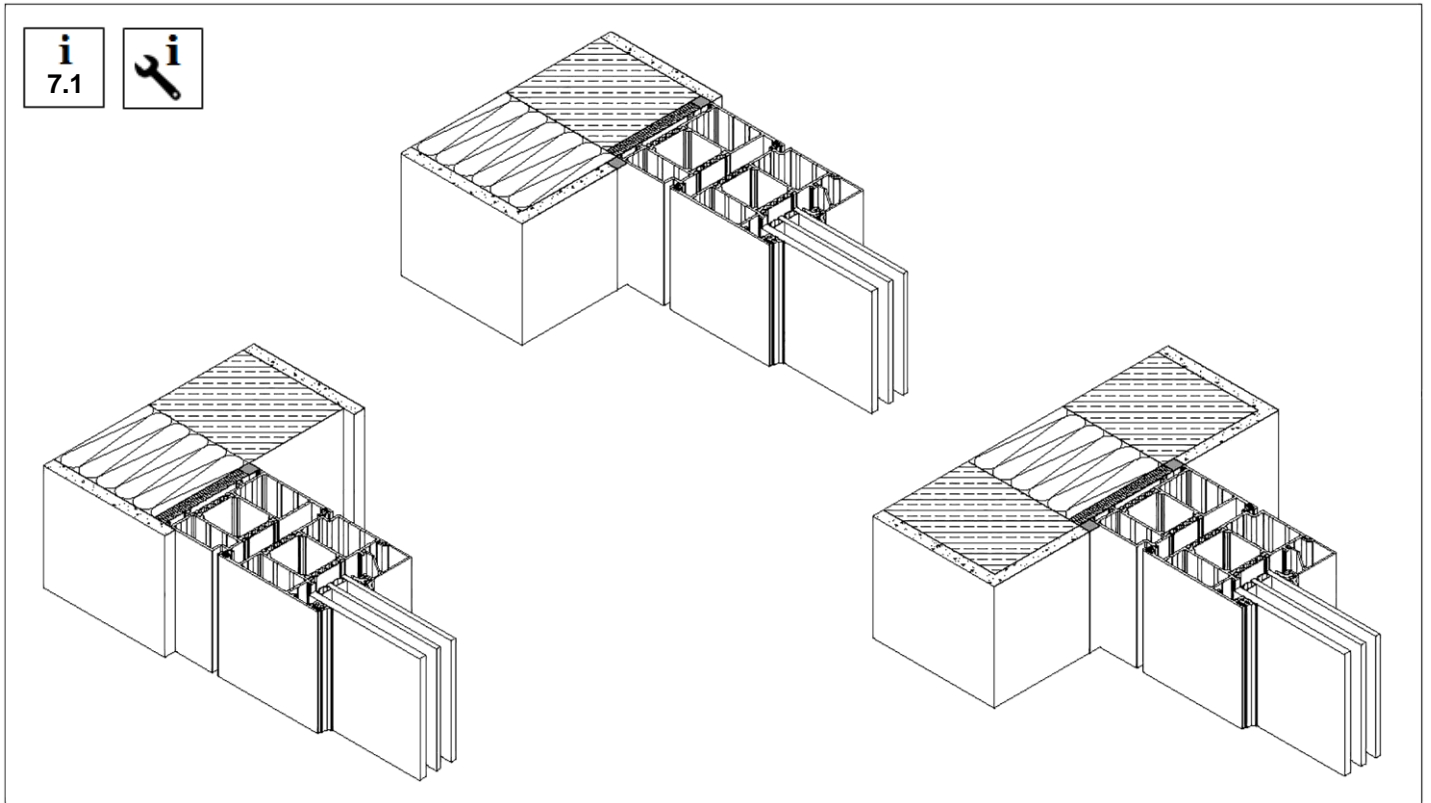


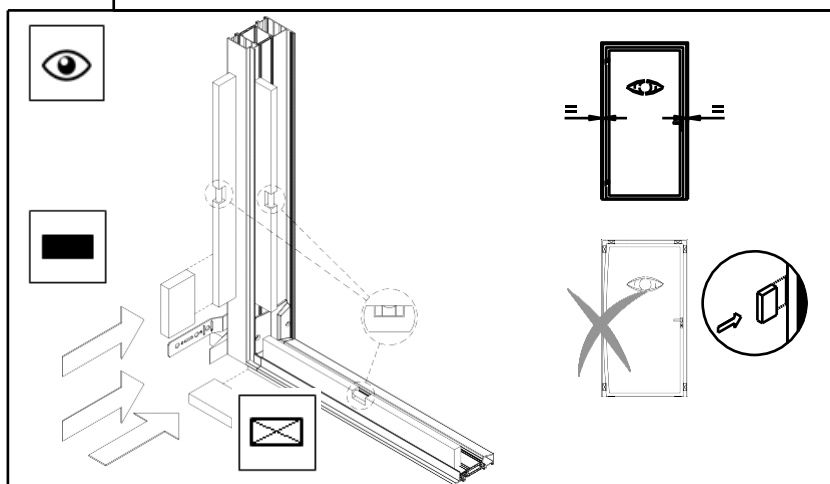
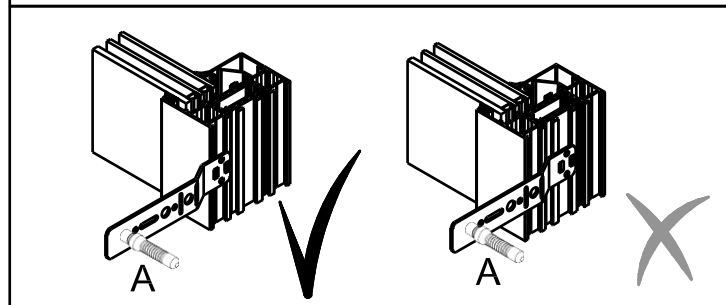
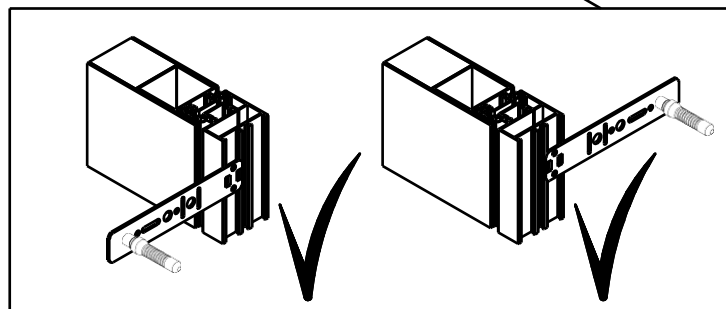
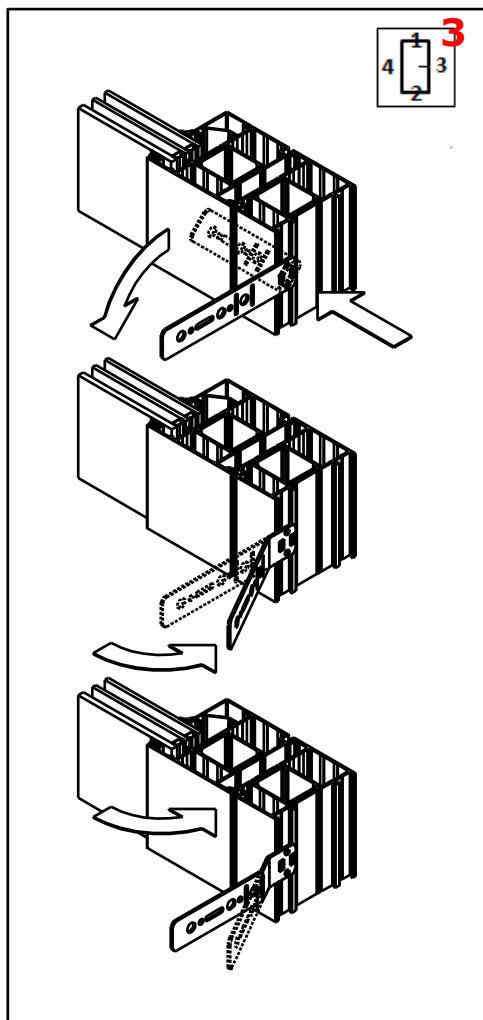
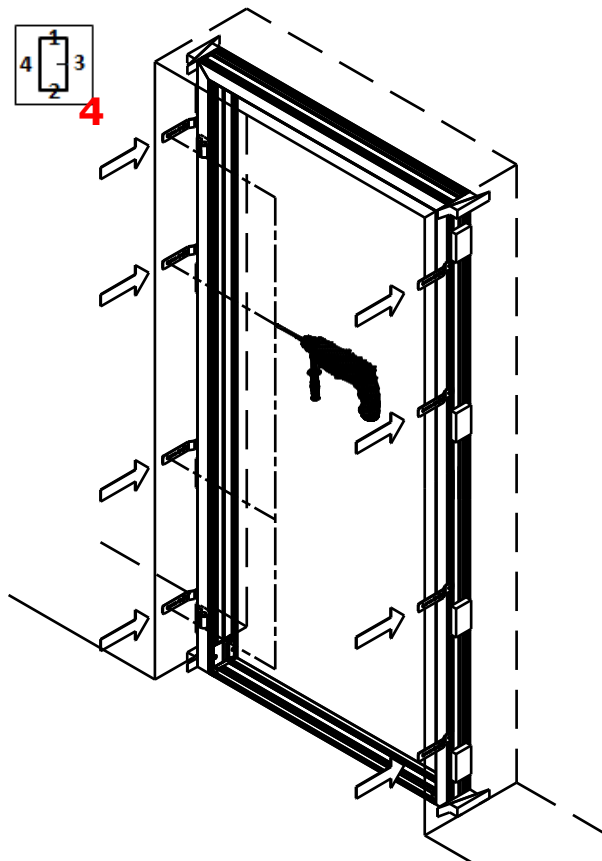
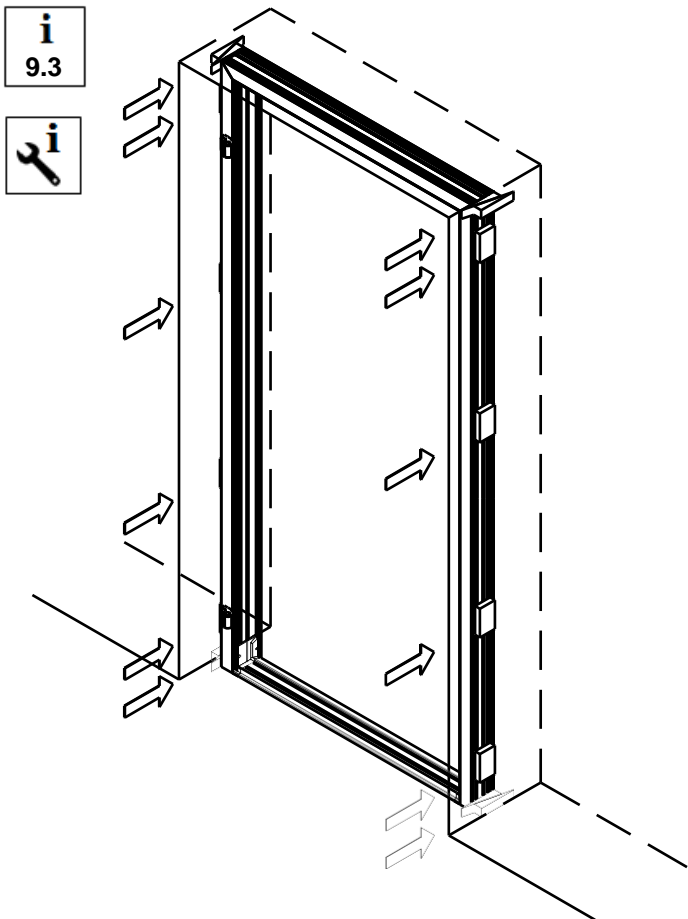
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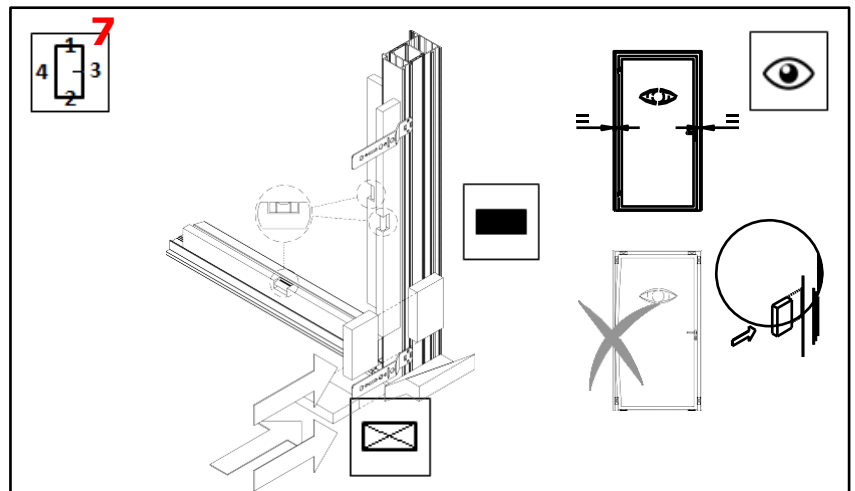
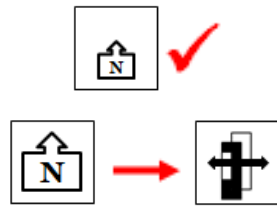
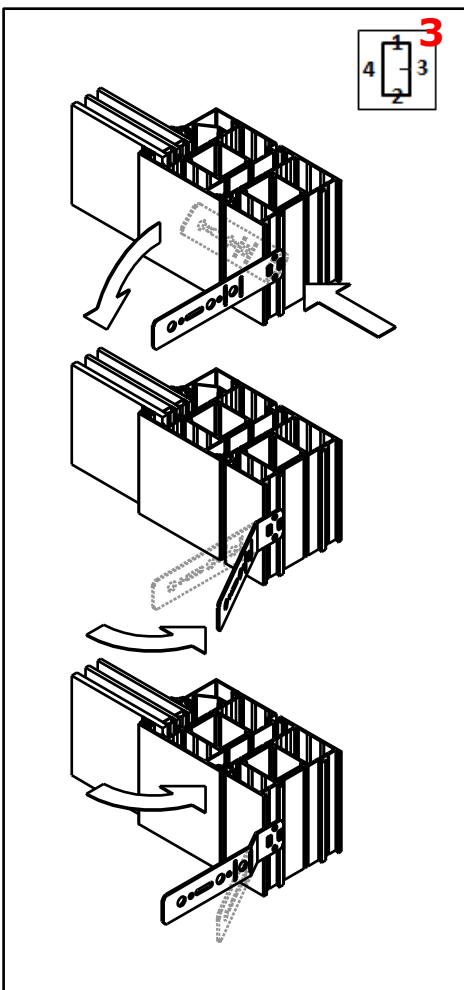
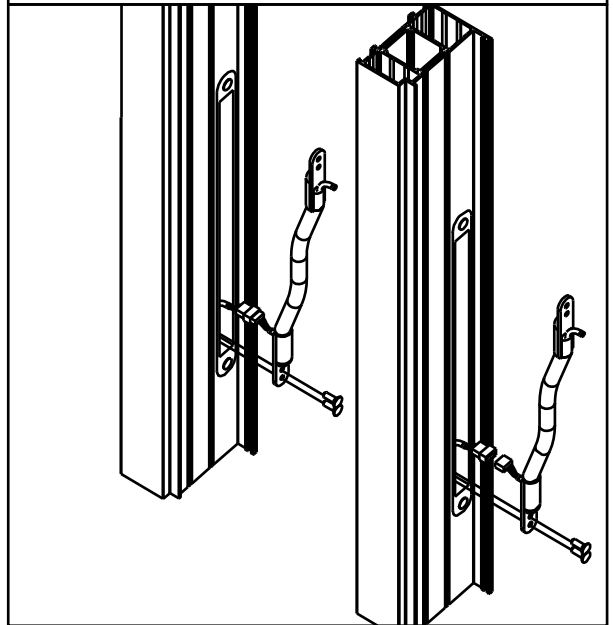
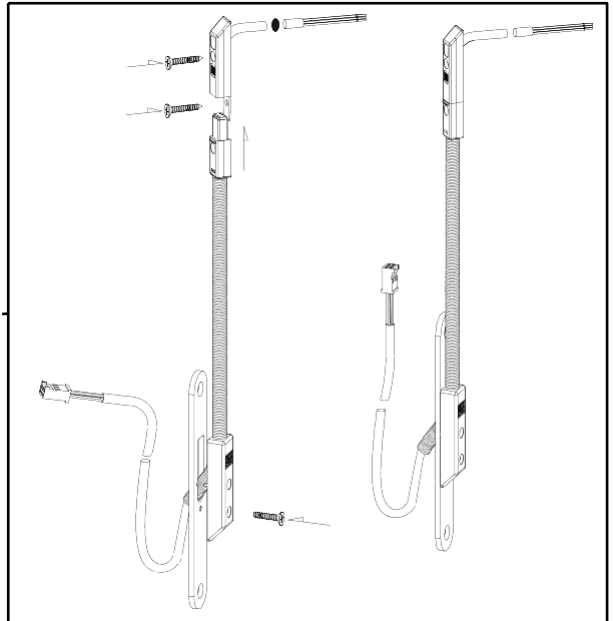
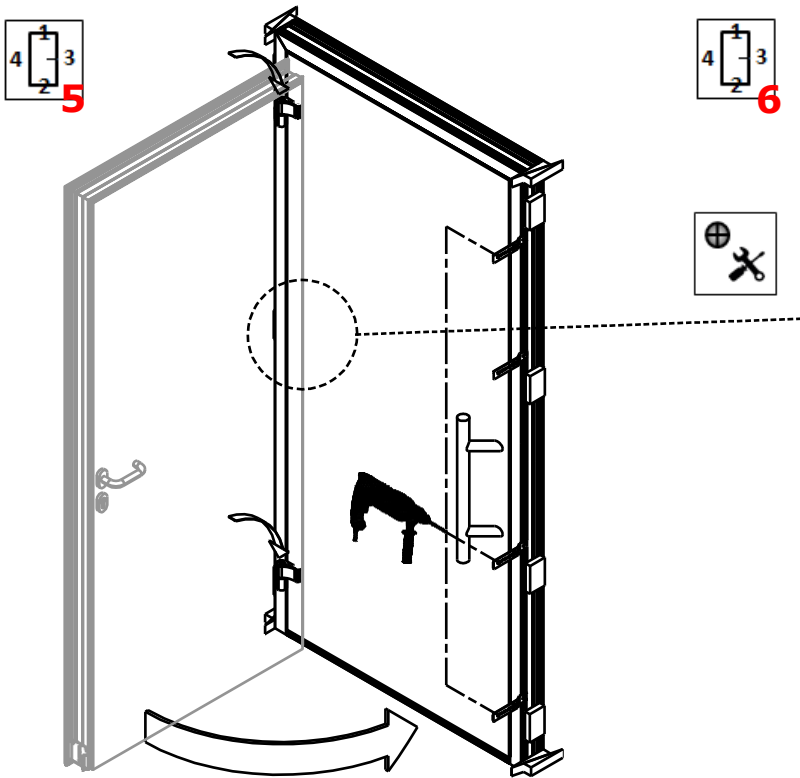





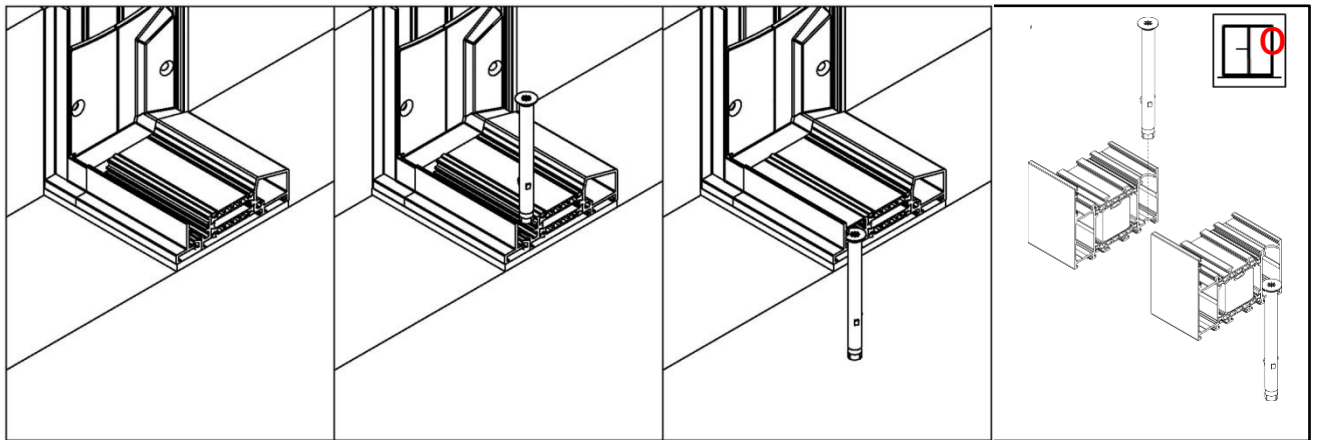
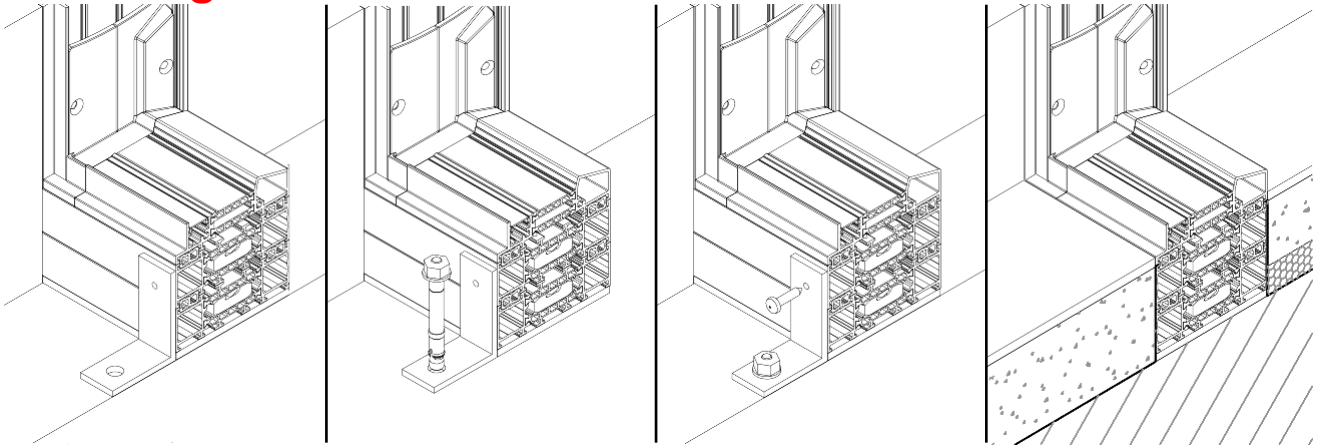
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
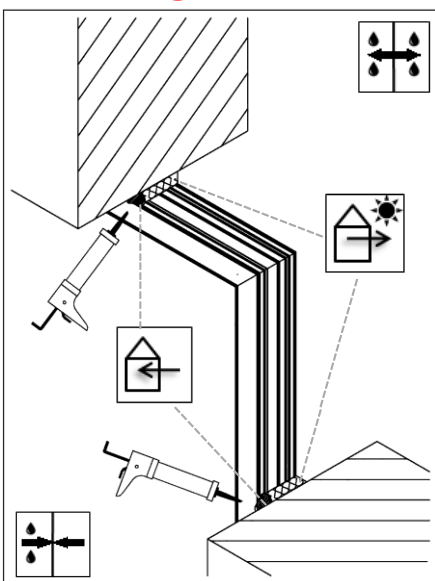


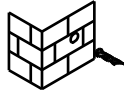


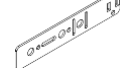

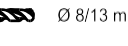

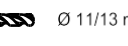

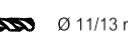


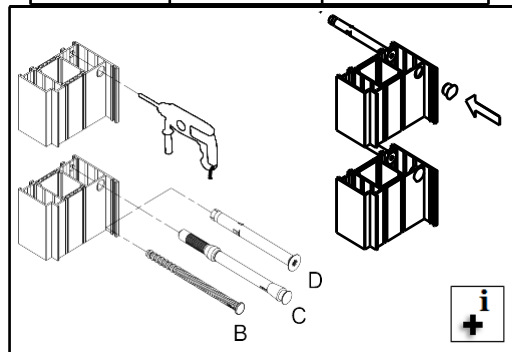
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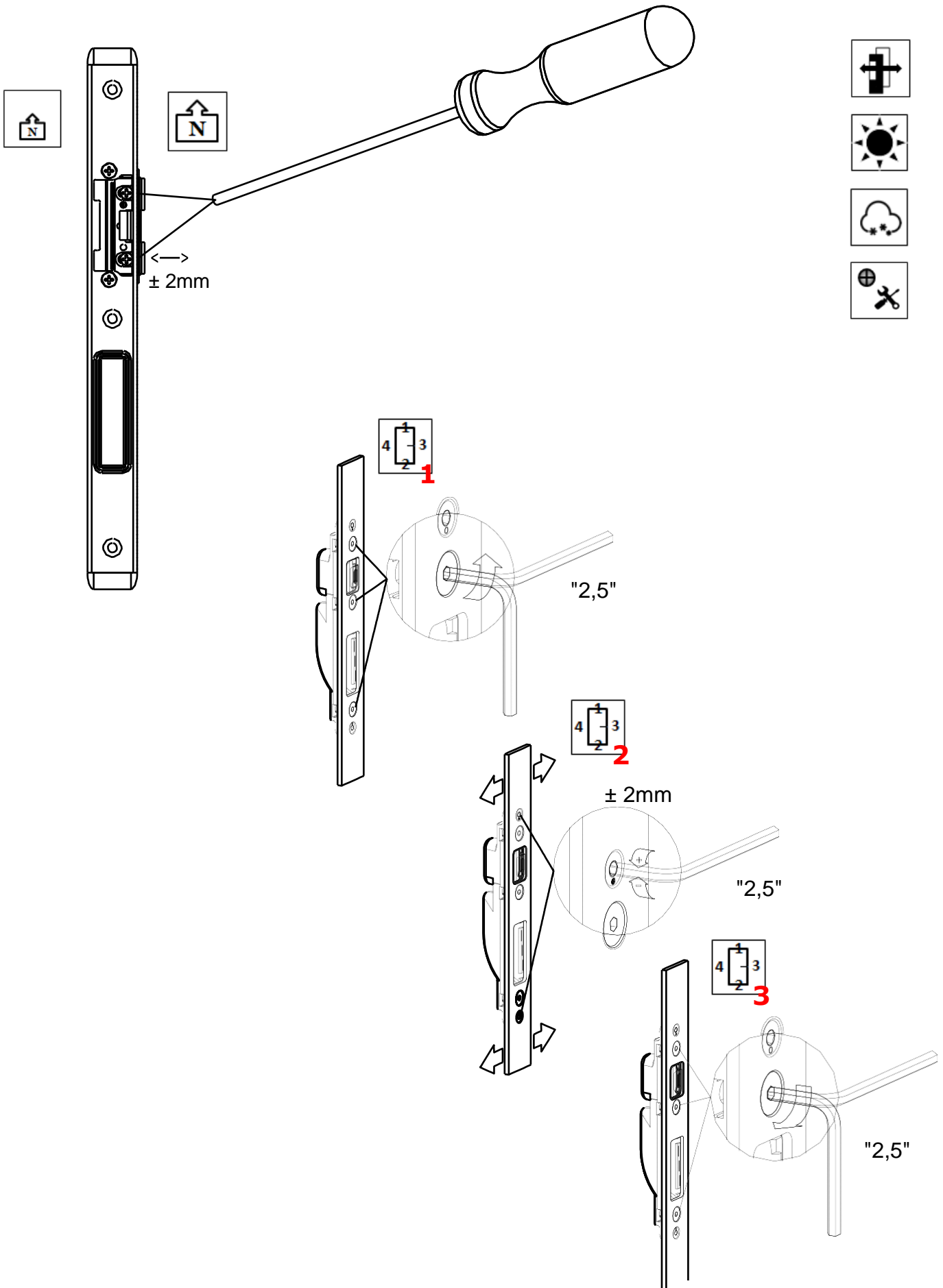
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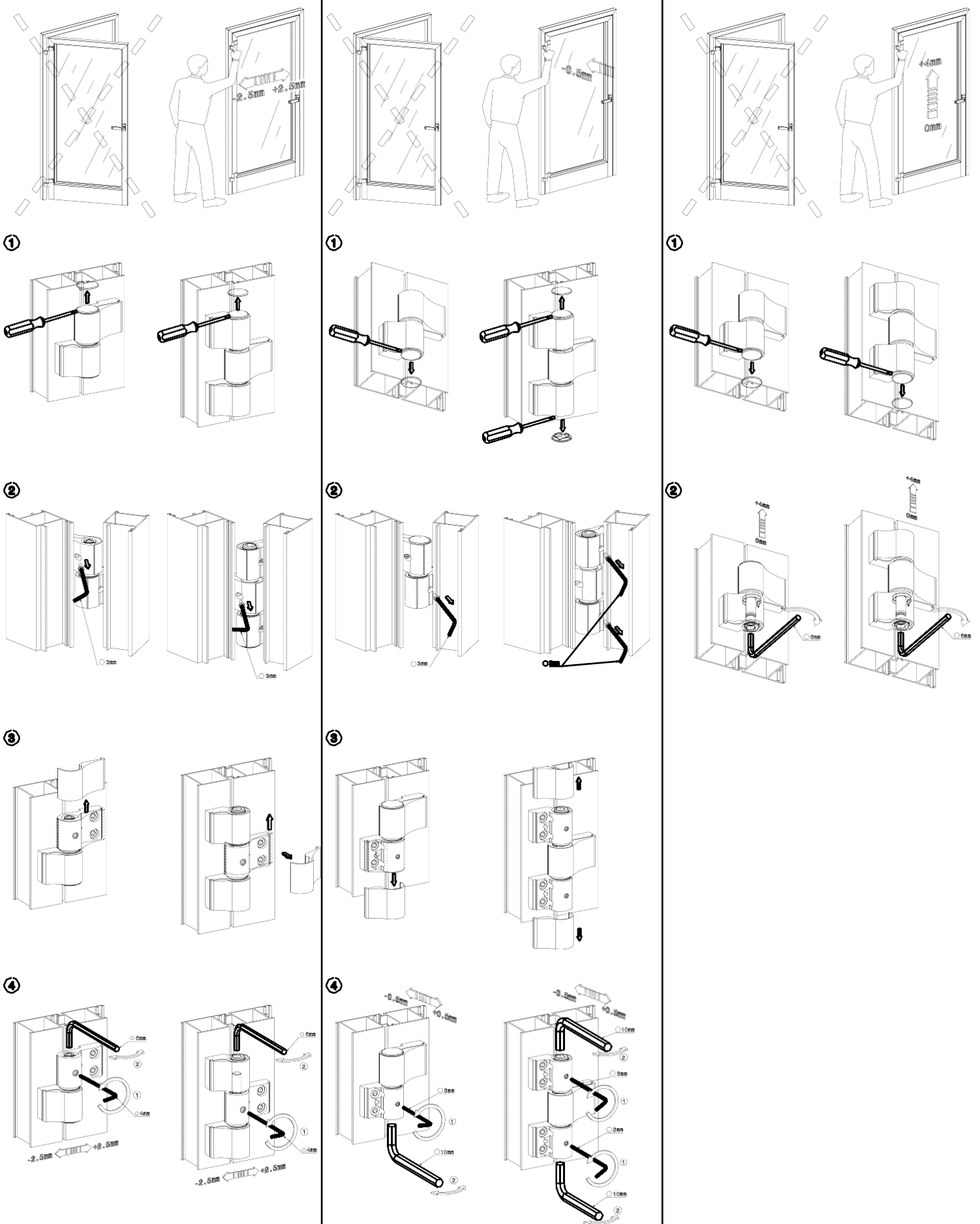



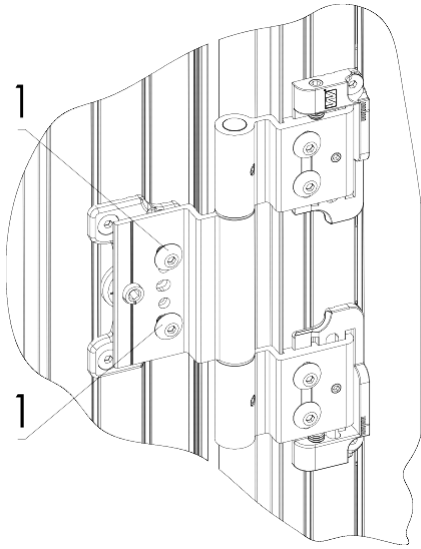
		
A	 Ø 10 mm	
B	 Ø 6 mm	 Ø 8/13 mm
C	 Ø 10 mm	 Ø 11/13 mm
D	 Ø 10 mm	 Ø 11/13 mm



PROTECTIVE FILM BREAK UP TO 48 HOURS AFTER INSTALLATION THE DOOR!

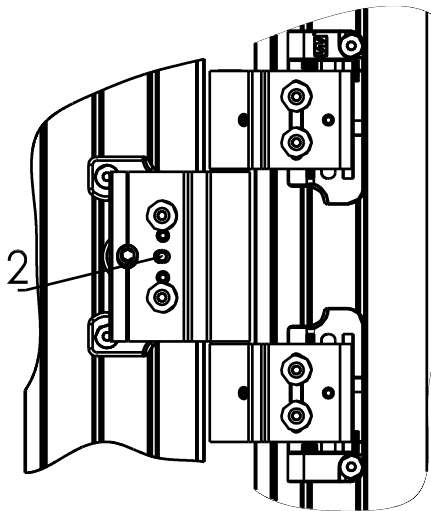
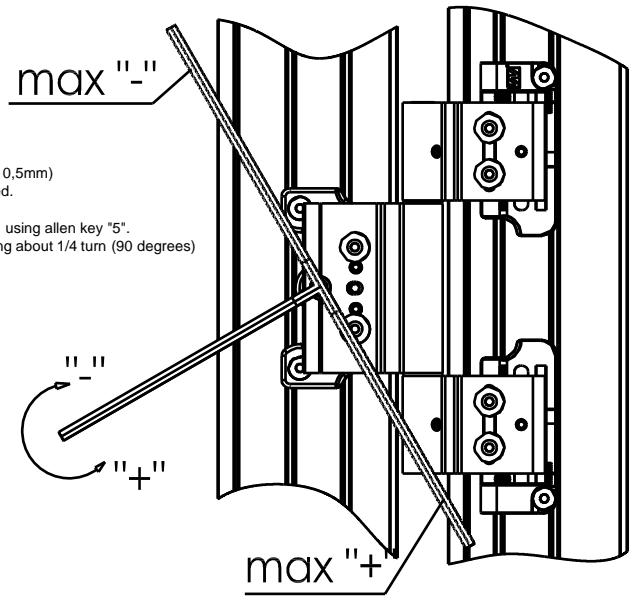






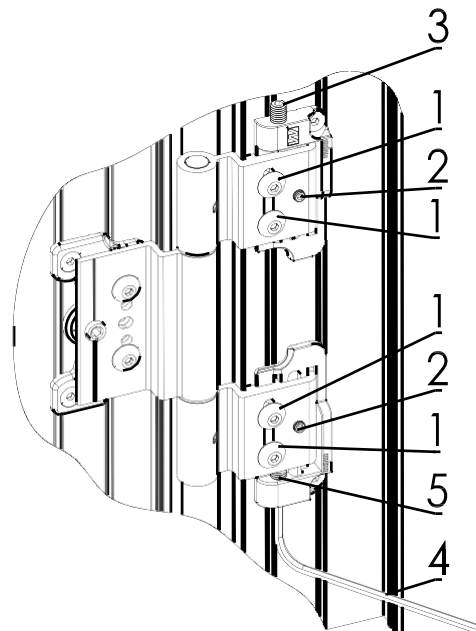
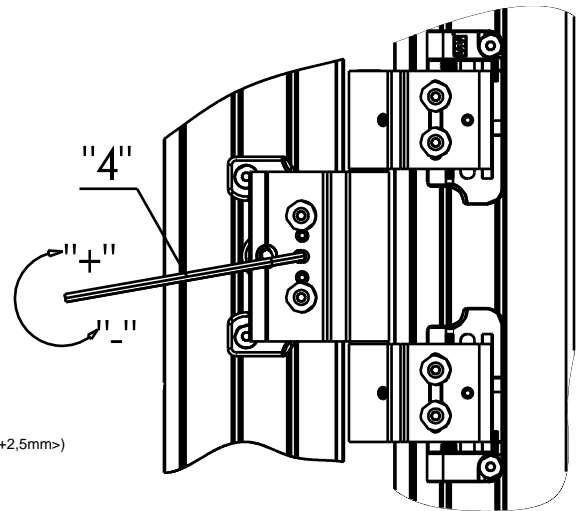
ADJUSTMENT THE SEALS: (adjustment range $\pm 0,5\text{mm}$)

1. Doors before adjustment should be balanced.
 2. Loosen slightly the screws 1.
 3. Make adjustment the seals eccentricity with using allen key "5".
 4. After adjustment tighten the screws.
- The maximum adjustment is obtained after rotating about 1/4 turn (90 degrees)



ADJUSTMENT THE GAP: (adjustment range $<-1,5\text{mm}, +2,5\text{mm}>$)

1. Make adjustment by means of a grub screw.

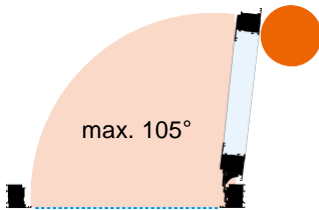
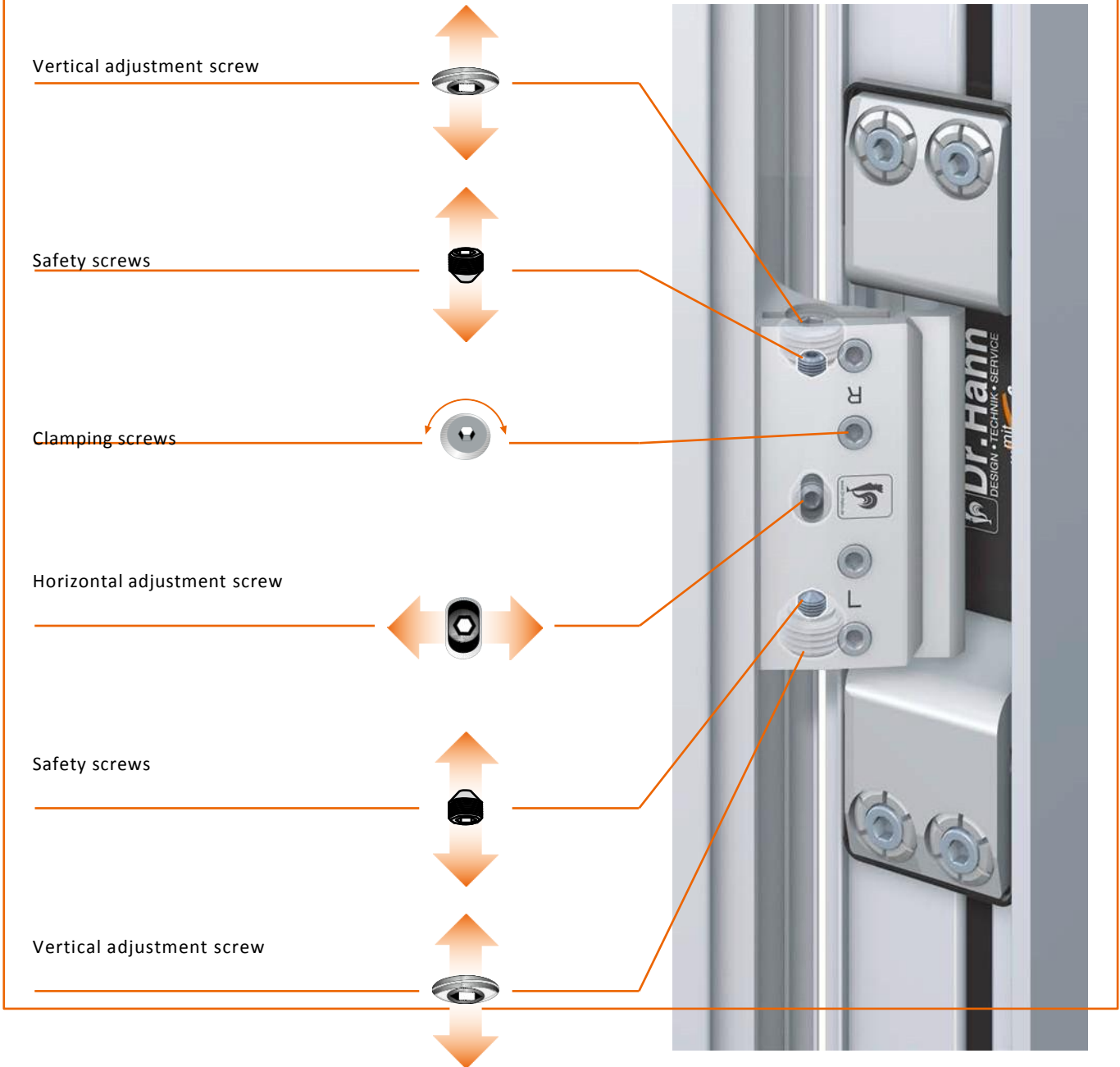


ADJUSTMENT THE HEIGHT: (adjustment range: $\pm 5\text{mm}$)

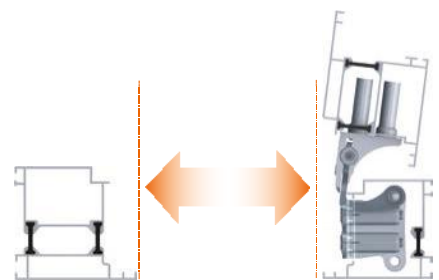
1. Doors before adjustment should be balanced.
2. Loosen the bolts 1 and screws 2
3. Loosen the grub screw 3
4. Allen key 4 make the adjustment with the screw 5.
5. After adjustment tighten the screws 1 and the grub screws.

Adjustment and regulation only to be done by an experienced tradesman.

Adjustment elements

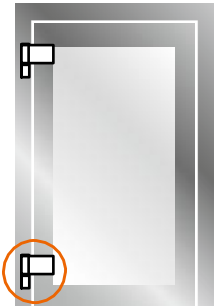


Floor door closer is imperative.
A failing limitation can lead to a damaging of the door panel.

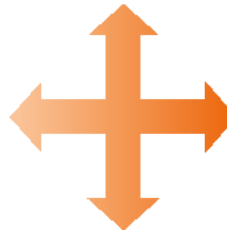




Note



Lower hinge should bear weight, only adjust the upper hinges.



Whenever readjusting the door wing, the load must be taken off the centre of gravity.

Horizontal adjustment



Horizontal adjustment ± 2 mm (at the upper and/or lower hinge as required). Slightly loosen clamping screws.



Loosen both safety screws till stop.



Adjust shadow groove.



Tighten both safety screws.



Tighten clamping screw 1,5 to 2 Nm **Caution:** over tightening of the clamping screw can cause damage to the thread.



Height adjustment the mounted door.



Slightly loosen clamping screws **1** at both hinges.



Raising the door: Loosen vertical adjustment screws **3** by two turns at both hinges. Raise the door using the vertical adjustment screw **2** at the lower hinge (max. + 3 mm)

Lowering the door: Loosen vertical adjustment screw **2** by two turns at the upper hinge, and lower the door using vertical adjustment screw **2** at the bottom hinge (max. - 3 mm).

Reset vertical adjustment screws **2** at the upper hinge.

Tighten adjustment screws **3** 2 to 4 Nm at both hinges.

Tighten clamping screws **1** 1.5 to 2 Nm at both hinges.

Caution: Over tightening of the clamping screw can cause damage to the thread

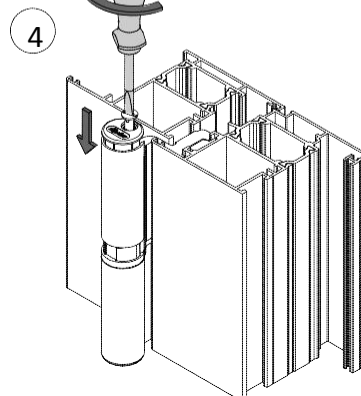
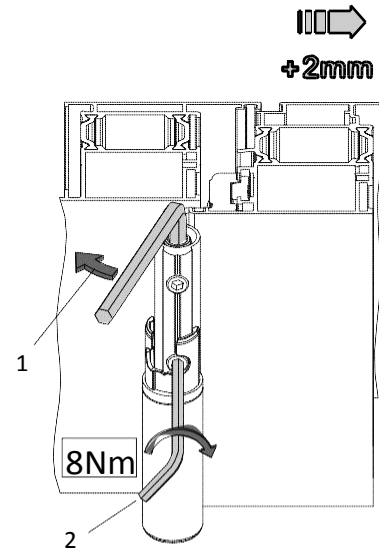
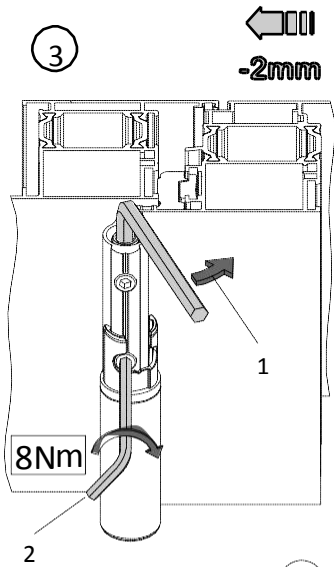
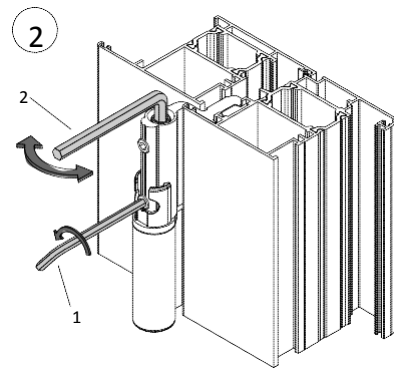
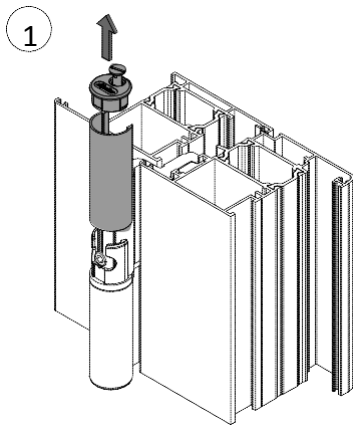
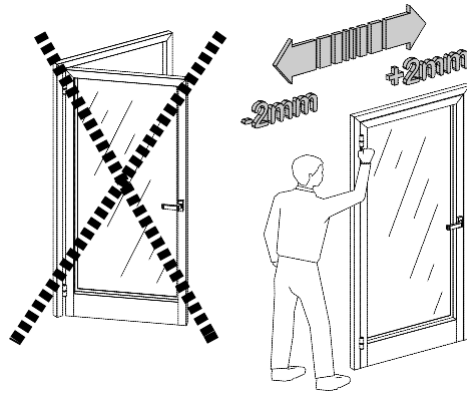


Dismantle on construction site

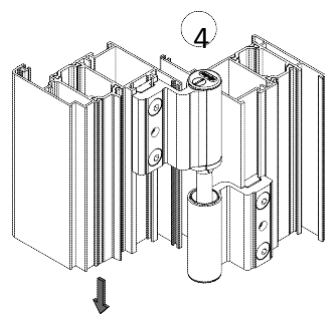
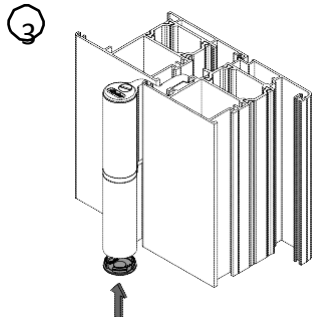
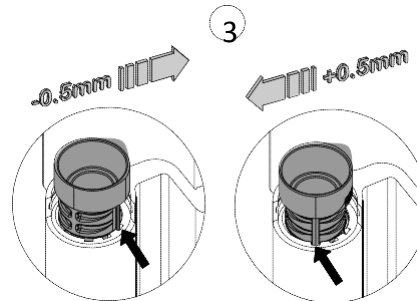
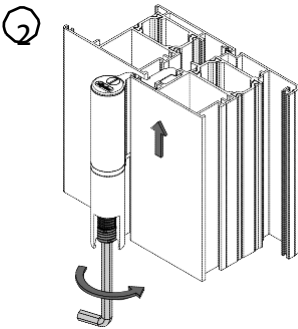
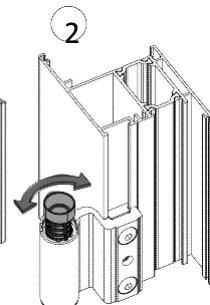
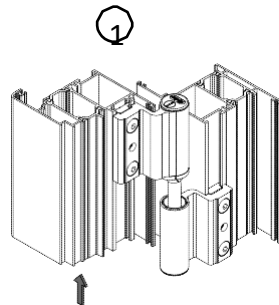
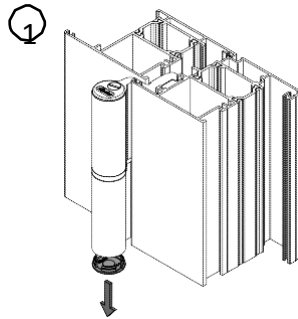
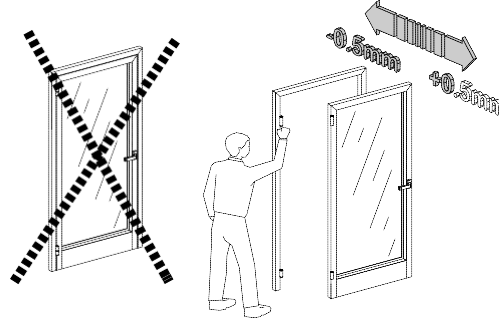
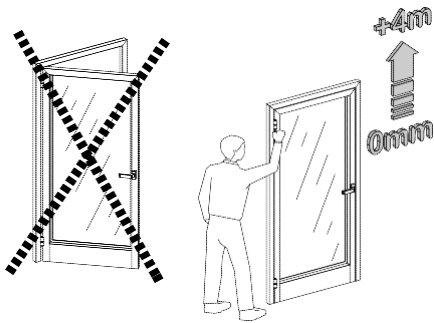


- 1 Loosen screws.
Remove spread bushings.
- 2 Lift out sash.

Assemble the sash in reverse order
(please see page 4).



groove (concerns EUROA 50)



KONSERWACJA
Natuszczać bolec co 25000 cykli albo raz w roku smarem Klüber Polylub WH lub też jego odpowiednikiem mającym zakres temperatury dostosowany do warunków, w których użytkowany jest zawias.

MAINTENANCE
The pin has to be lubricated every 25000 cycles or every year with Polylub Klüber WH 2 grease or similar product with temperature of use suitable to the working conditions.

ENTRETIEN
Graisser l'axe tous les 25000 cycles ou chaque année par du gras Polylub Klüber WH2 ou autre produit similaire qui ait une température d'utilisation apte aux conditions de utilisation.

INSTANDHALTUNG
Den Zapfen mit Fett „Klüber Polylub WH 2“ oder einem ähnlichen Produkt alle 25.000 Zyklen oder einmal im Jahr schmieren; das Fett soll eine Verwendungstemperatur haben, die für die Verwendungsbedingungen geeignet ist.