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ClickitUp® by ErgoSafe®

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CiUPivotDoor

Instruction Manual

ClickitUp® by ErgoSafe®

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Introduction

CiUPivotDoor is a pivot-hinged glass door intended for use together with the ClickitUpPlus glass system. This manual contains technical information and step-by-step instructions for correct installation. To ensure full understanding of the product's function, assembly sequence and relevant safety aspects, the entire manual must be read before installation begins. Incorrect installation may result in risk of personal injury, damage to the product and may void the warranty.

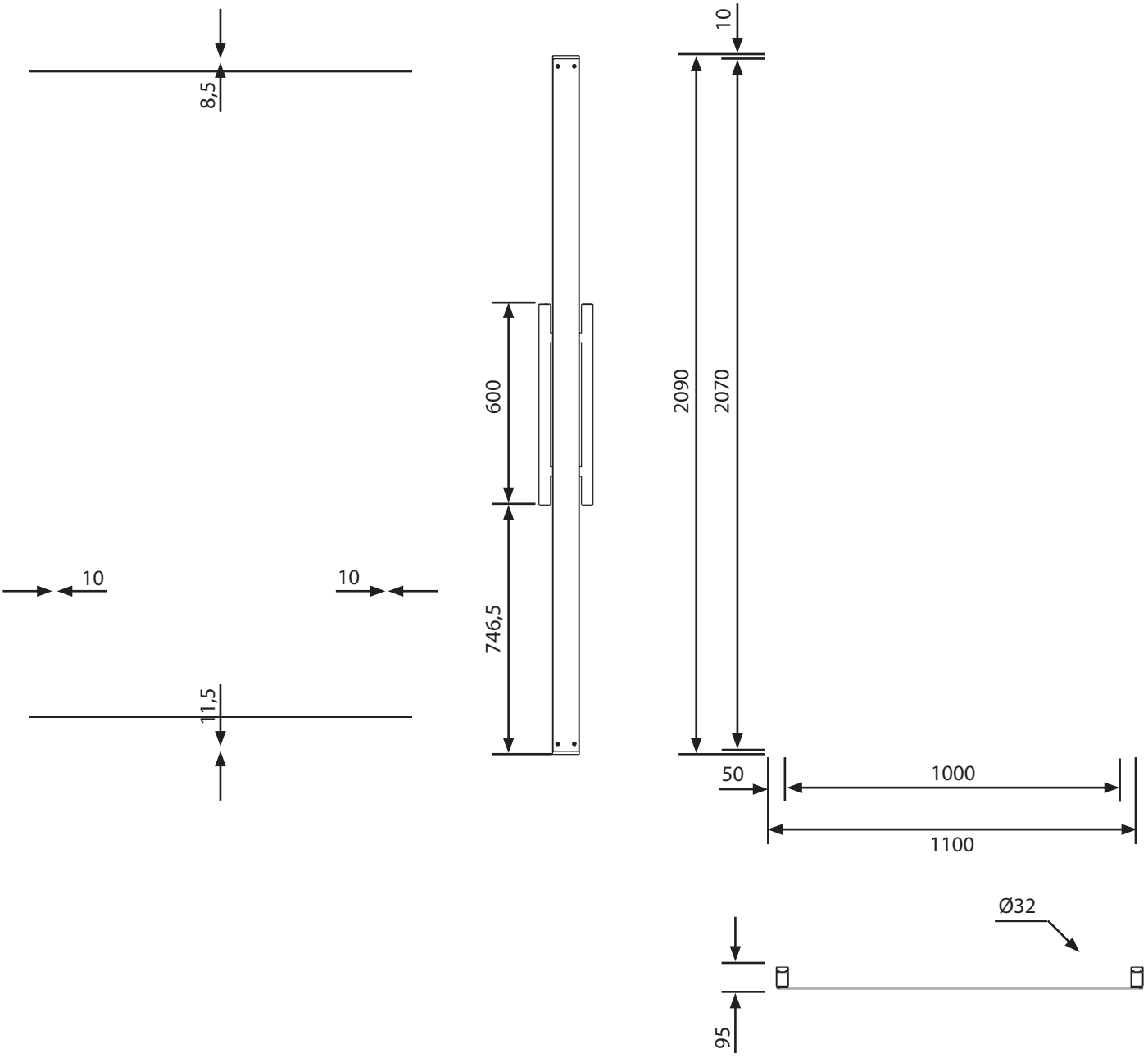
Technical Specification

Description	Glazed double-acting swing door with pivot suspension
Fixing	Fixing to floor, overhead structure and adjacent ClickitUpPlus sections
Material	Glass, aluminium and stainless steel
Glass	10 mm toughened safety glass
Height	2090 mm
Width	1100 mm
Depth	95 mm
Lock	Black key lock enabling locking from both inside and outside
Handle	Black cylindrical vertical handle on both inside and outside
Surface treatment	Posts and fittings are supplied in black anodized finish as standard

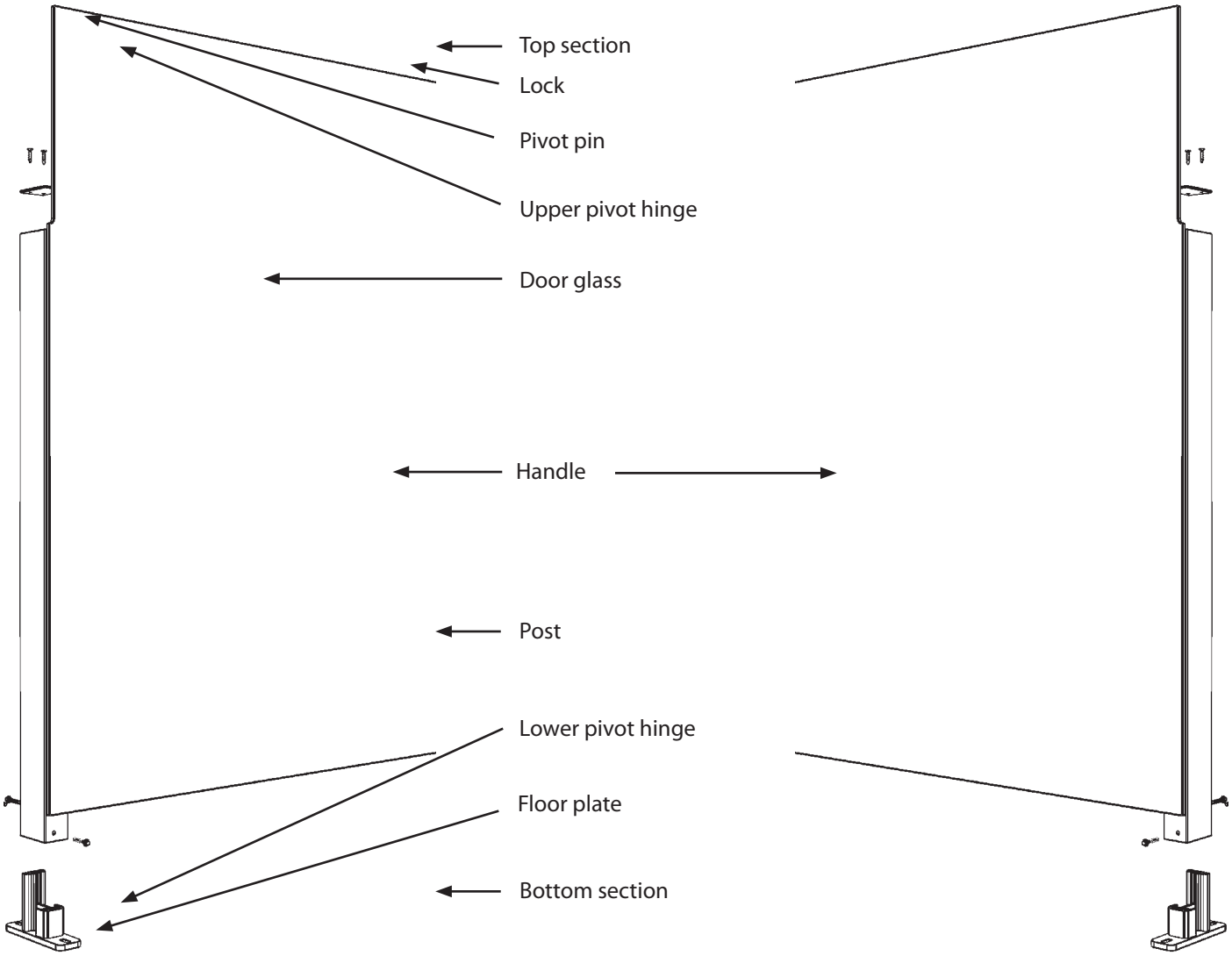
Product overview

CiUPivotDoor is a glazed, double-acting swing door with pivot hinges, meaning the door can open both inward and outward. It is operated with handles on both sides of the door leaf and an integrated key lock enables locking from both inside and outside. The door is supplied in fixed dimensions and the design allows both right- and left-hand installation.

The top and bottom sections serve as fixing points during installation, combined with attachment to adjacent ClickitUpPlus sections. For more information, see drawing below. All dimensions are stated in millimetres.



The door leaf is delivered separately from the frame and is equipped with pre-mounted pivot hinges and lock housing to facilitate installation. The floor plate for the lower pivot hinge is mounted in the bottom section of the door frame. The upper pivot pin and handles are supplied separately and installed according to the enclosed instructions.



Delivery

Delivery inspection

Upon delivery, the recipient is responsible for checking the condition of the goods and the number of packages against the information stated on the delivery note. Visible damage must be documented with photographs while the product is still packaged and reported directly on the delivery note as well as to the driver and the transport company before signing for the goods. Concealed damage must be documented and reported immediately upon discovery, however no later than seven days after receipt. After this time limit, deviations regarding the delivery can no longer be claimed. Note that concealed damage can only be reported if the goods remain at the unloading location at the time of discovery.

Unloading from pallet

Place the pallet on stable and level ground before unloading begins. To avoid personal injury and damage to the product, unloading should be carried out in a controlled sequence:

1. Carefully remove the packaging plastic.
2. Carefully lift off the components. Always use several people when lifting the door leaf, as it is both heavy and fragile.
3. Ensure that remaining components are stable and individually secured to prevent tipping.

Preparations

To ensure smooth and correct installation of CiUPivotDoor, the following preparations must be completed before starting work.

- Check that the substrate has sufficient load-bearing capacity to support the door's own weight and the loads arising from wind pressure and normal use.
- The substrate must be level and even to ensure correct installation and function.
- The fixing surfaces must be dimensioned to allow secure attachment. When fixing to concrete, a rubber sheet or other insulating barrier should be placed between the brackets and the concrete surface to minimise the risk of corrosion and damage.
- Check that the opening dimensions and door dimensions correspond to the drawing and order.
- Select fastening elements suitable for the materials of the substrate and superstructure. Note that when installing in structures with drainage systems directly adjacent to the fixing points, corrosion-resistant sealed screw connections must be used to prevent water penetration.
- Plan the positioning of the door before starting installation.
- Ensure there is sufficient space for safe handling, taking into account its weight and size.
- Do not lift alone.
- Avoid installing the product in strong winds or adverse weather conditions

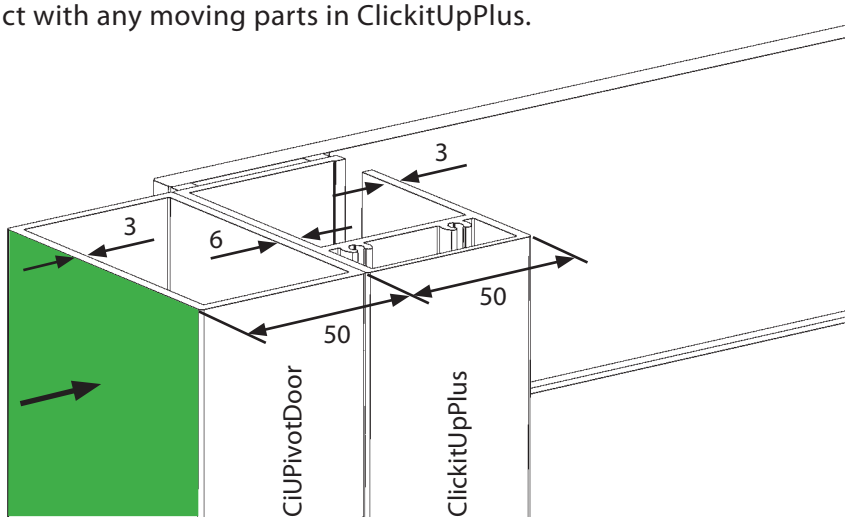
Installation

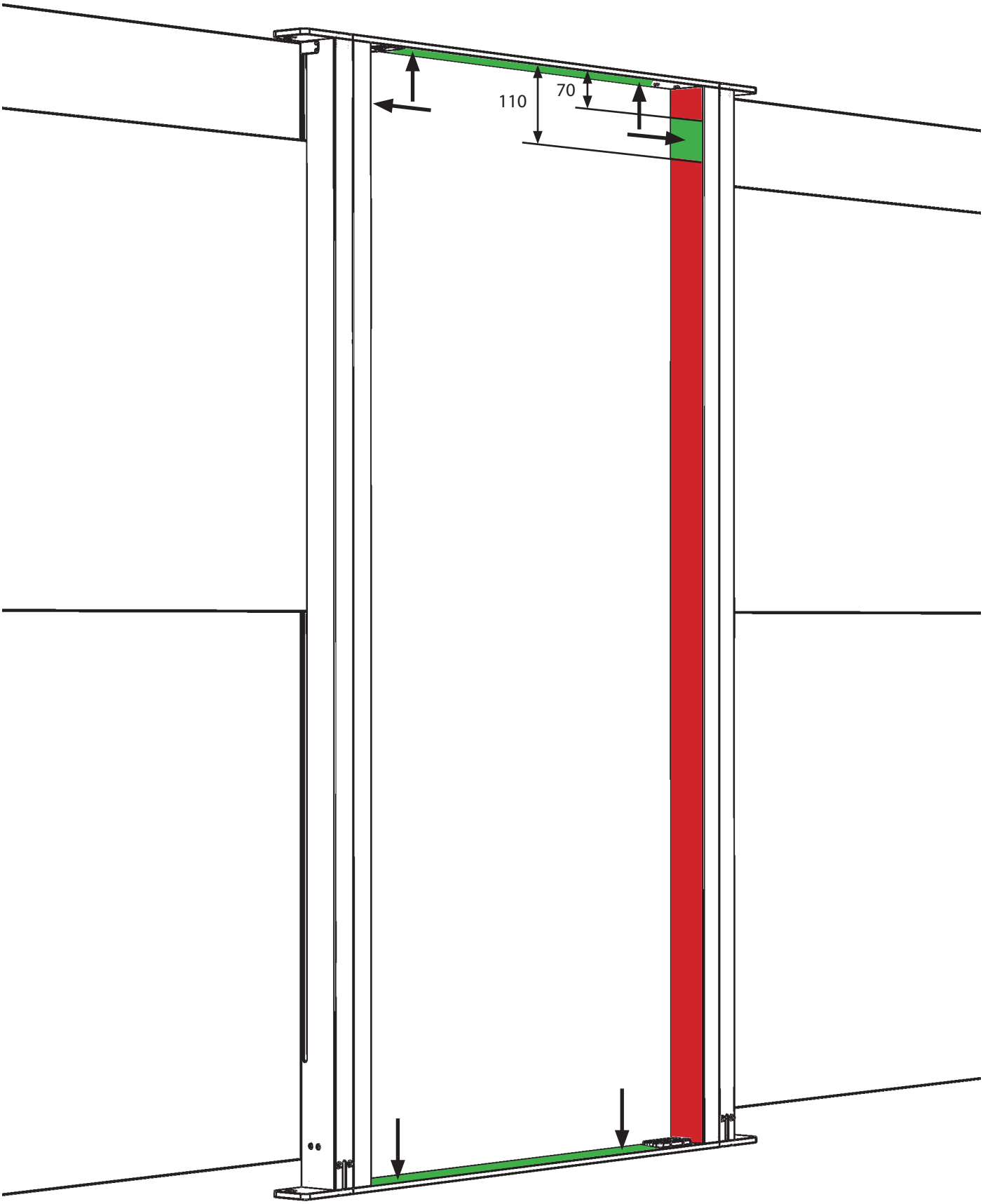
1. Fixing of door frame

It is recommended to begin by fixing the door frame to the substrate and superstructure. Check that the frame is plumb and level. Then secure the frame using appropriate fasteners suited to the material. When installing the frame, fastening should be positioned as close to the corners as possible in both the top and bottom sections. This provides maximum stability and minimizes the risk of movement or distortion in the structure.

Since the bottom section is placed directly on the substrate, a small gap may arise between the top section and the superstructure. To prevent the top section from bending when tightening the screws, this gap must be compensated with a spacer before fastening.

The door frame must also be fixed laterally to adjacent ClickitUpPlus sections to ensure stability. This fixing may only be carried out within the green-marked area, 70–110 mm below the top section of the frame, to avoid contact with any moving parts in ClickitUpPlus.

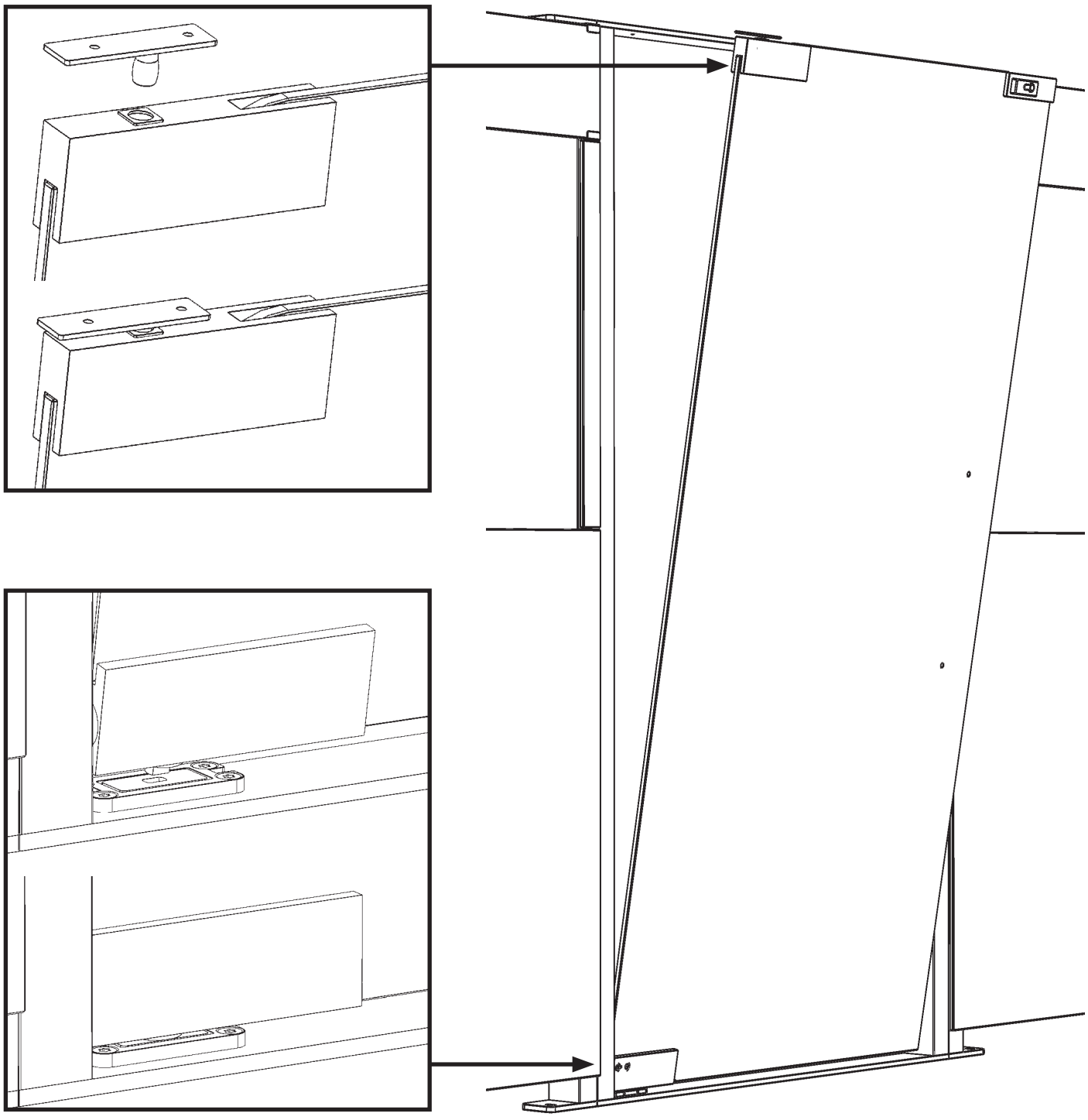


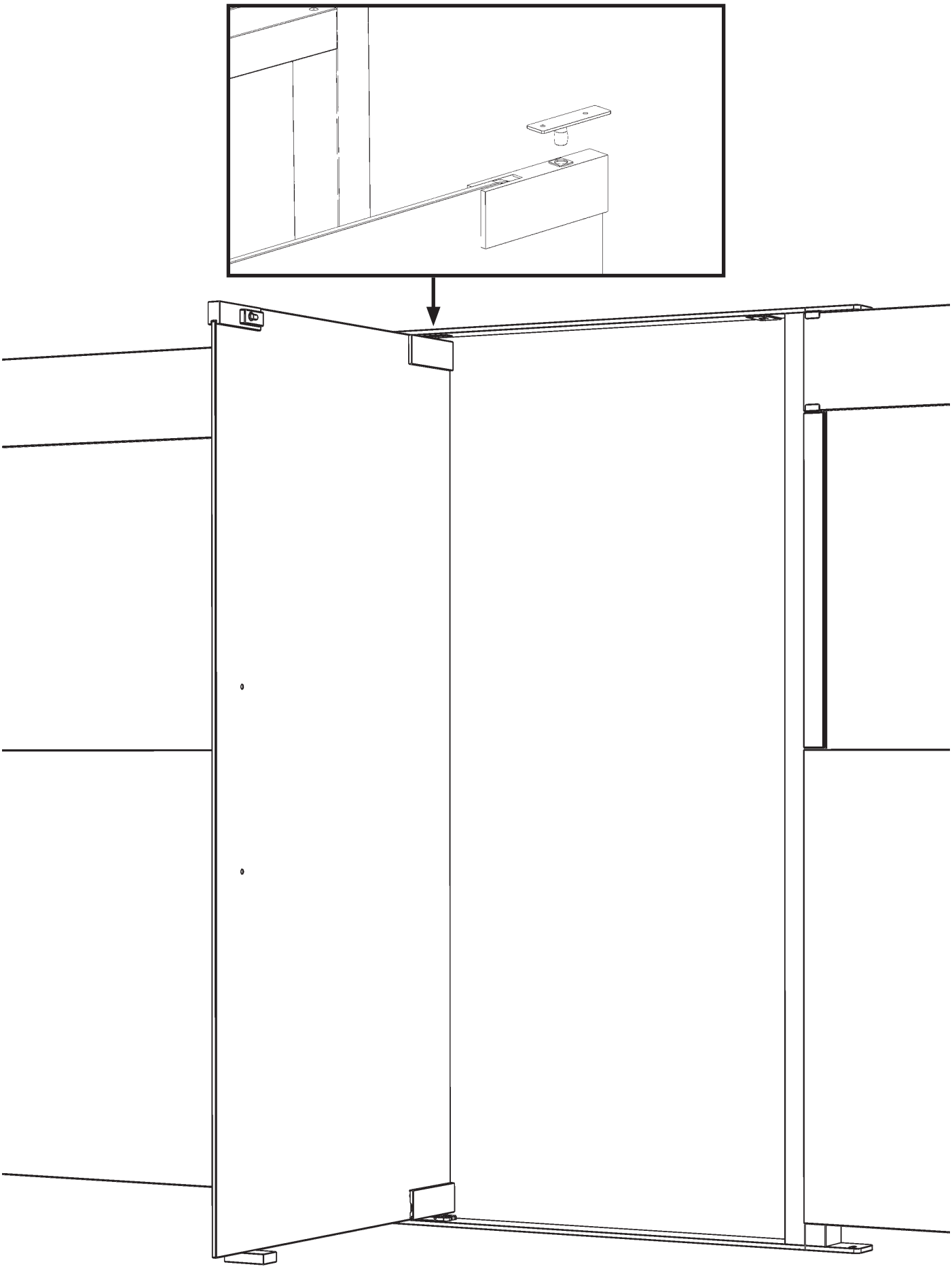

110
70

2. Installation of door leaf

The door leaf is delivered with upper and lower pivot hinges pre-mounted. The floor plate for the lower hinge is mounted in the bottom section. The pivot pin is installed after the door leaf has been positioned in the frame.

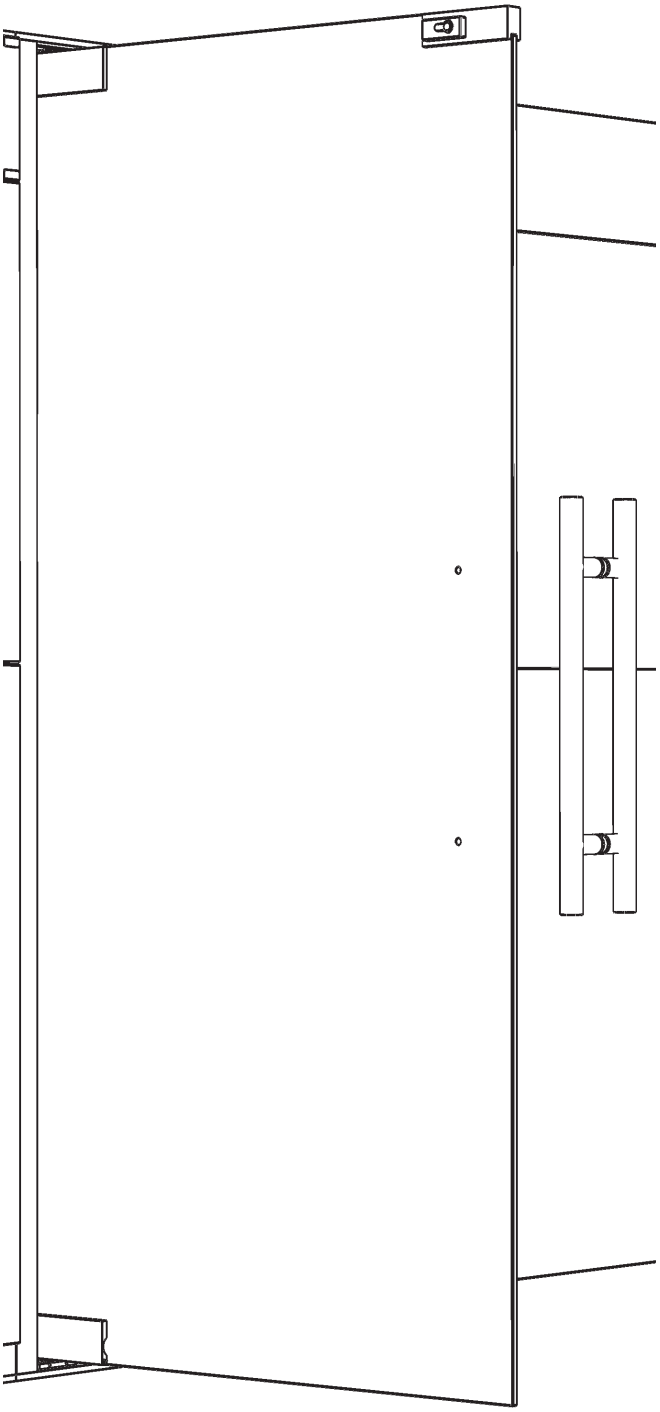
- Check that the pivot pin is pressed down into the upper pivot hinge, but not screwed in.
- Check that the latch bolt is lowered (in open/unlocked position).
- Lift the door leaf into the frame and hook the lower hinge into the floor plate.
- Open the door approximately 90° to access the upper pivot pin. Support the bottom edge of the door glass throughout this step, as it is only secured by the lower hinge at this stage.
- Screw the pivot pin into the top section of the frame to secure the door leaf.

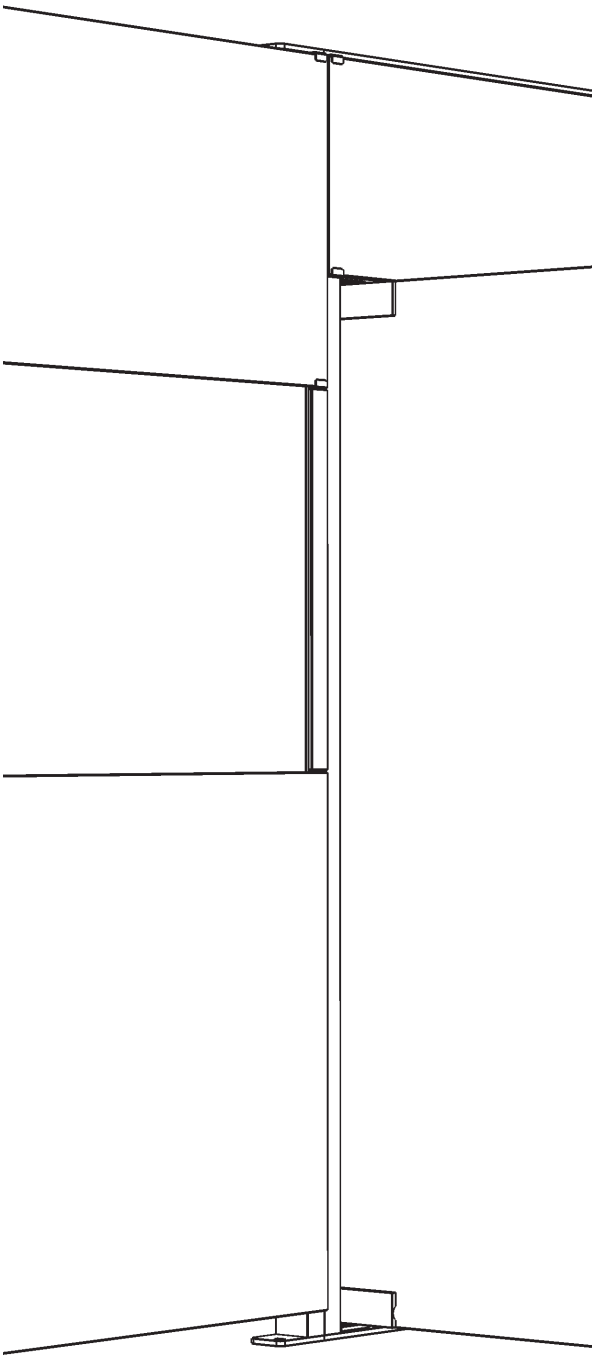




3. Installation of handles

Mount handles on both sides of the door leaf. Do not forget to install the gaskets between the glass and the handles to prevent point loading and cracking of the glass. Tighten the screws evenly and with moderate torque.

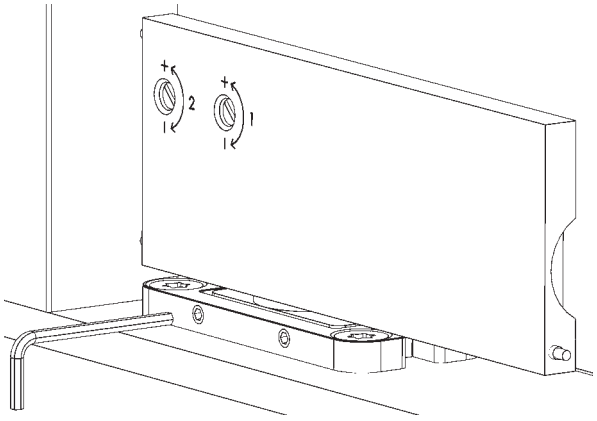


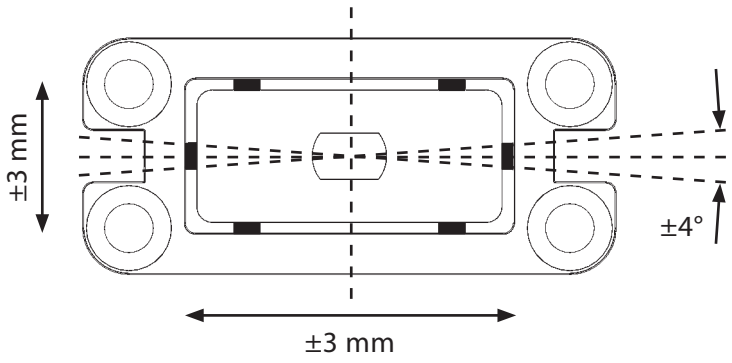


4. Adjustment of pivot hinges

The lower hinge offers several adjustment options to adapt the door's function if required:

- **Door leaf base position:** The floor plate of the lower hinge can be fine-adjusted using six screws to ensure correct positioning of the door leaf. Use the supplied Allen key.

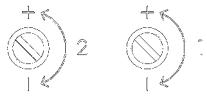




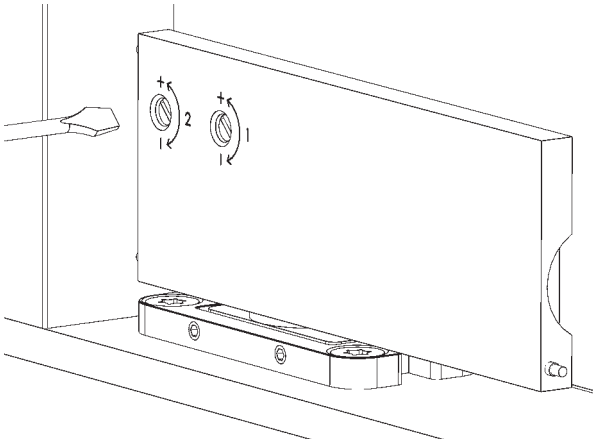
- **Opening angle and fixed hold-open position:** The door can open up to 160° in both directions. At 90° it stops at a fixed hold position but can easily be opened further by continuing to push.
- **Closing speed:** Regulates the speed from open position to almost closed position. A higher speed results in faster closing, while a lower speed provides smoother movement.
- **Latching speed:** Regulates the braking during the final approximately 10° before the door reaches closed position. A slower latching speed gives a soft closing, while a faster latching speed provides more direct closing.

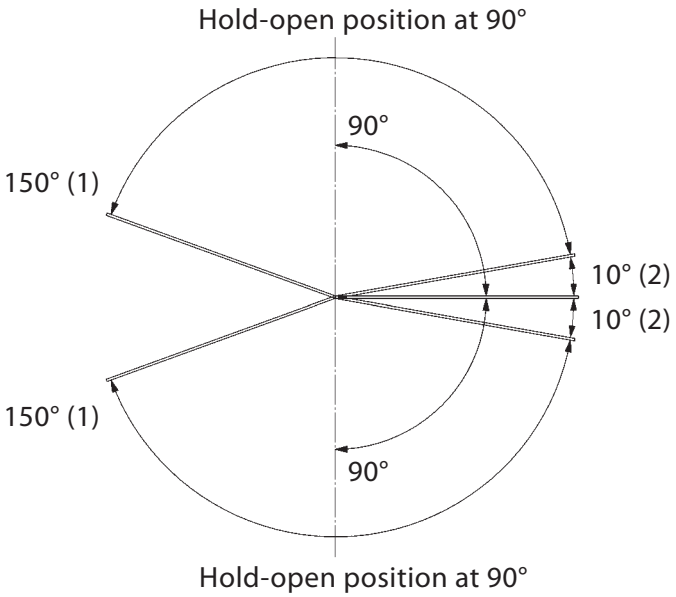
Note that the hinge's closing and latching speed may be affected by temperature. At low temperatures the door closes more slowly, while at higher temperatures it closes faster. This is normal and is due to the properties of the oil, where viscosity increases in cold conditions.

Adjustment of closing and latching speed is carried out using the screws on the hinge as shown in the image below.



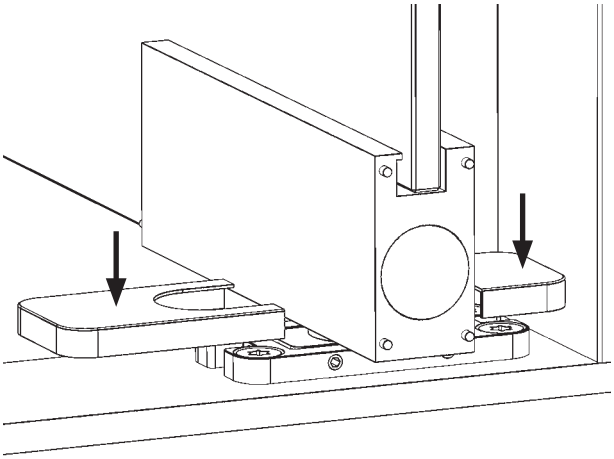
1. Closing speed
2. Braking speed

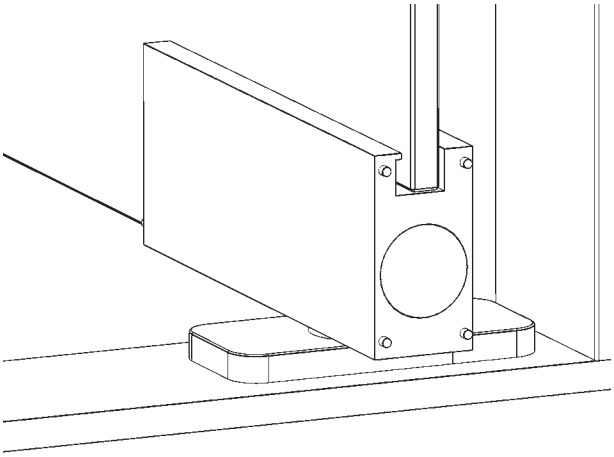




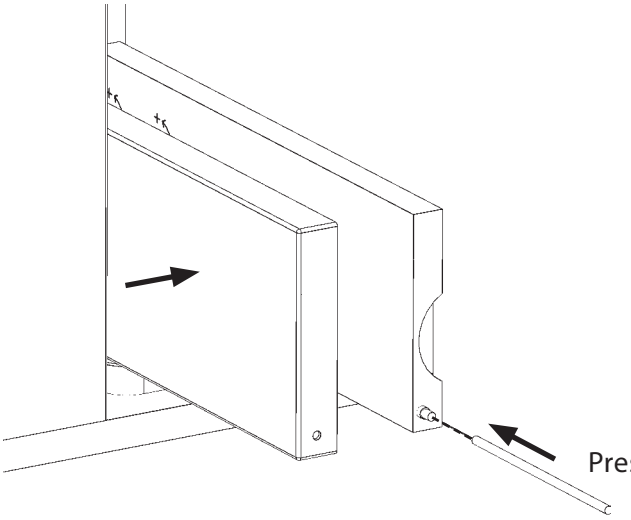
5. Installation of cover caps

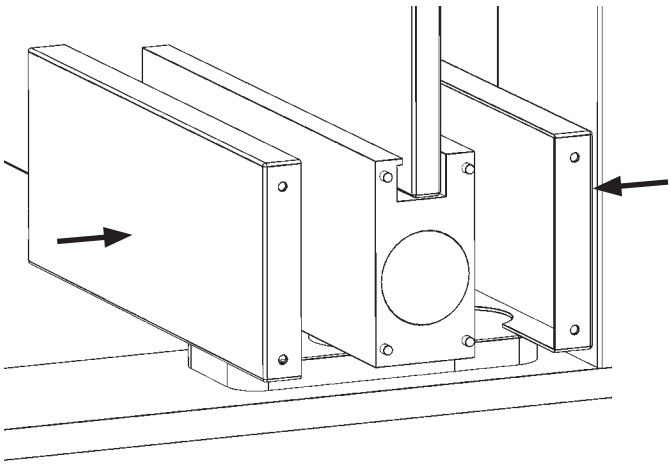
Install the cover caps on hinges and lock housing to protect the components and give the product a clean and uniform appearance.

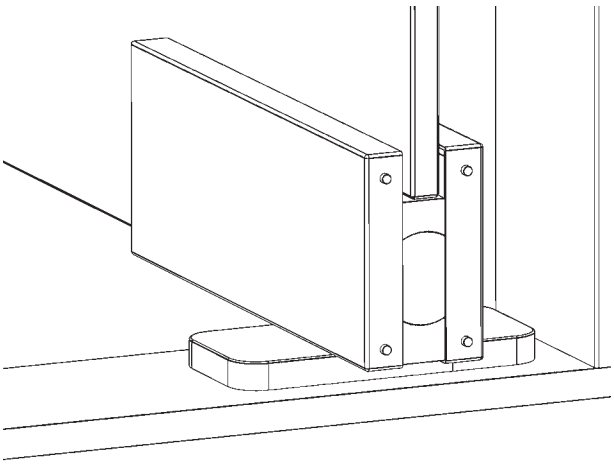




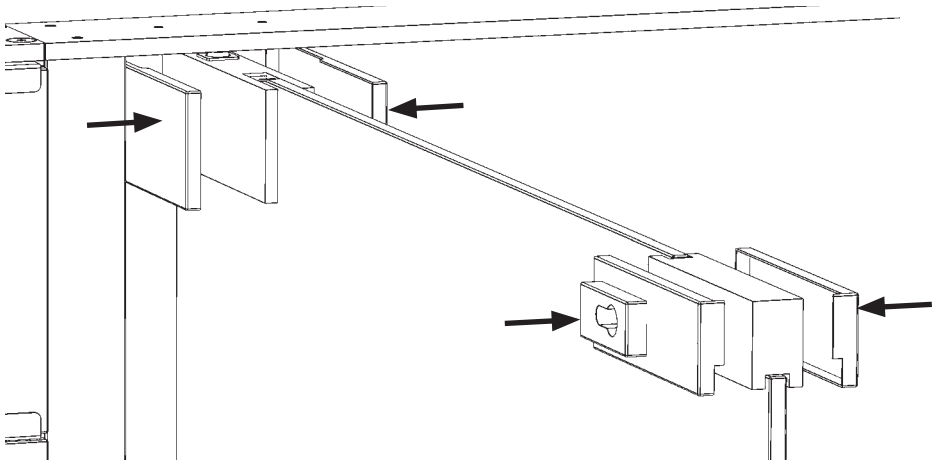
Most fittings are equipped with fixed and spring-loaded pins that secure the caps. During installation or removal, press the spring pins to release the cap.

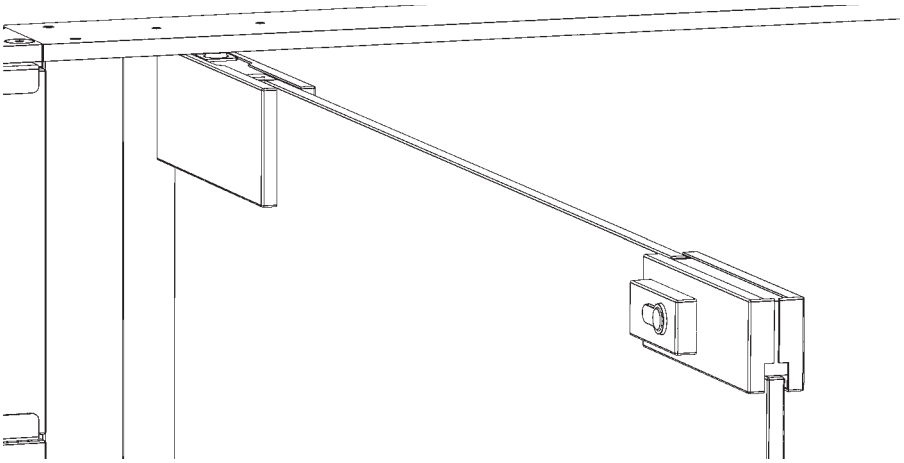






Continue according to the same procedure until all cover caps are in place.





6. Self-inspection

The product should be inspected after installation to ensure correct operation.

- Verify that the door opens and closes smoothly in both directions.
- Verify that the lock and handle function as intended.
- Ensure that no parts are damaged or incorrectly installed.

7. Contrast marking

Improve safety and accessibility by applying contrast markings to glass surfaces. In many countries, this is a legal requirement in public environments. The markings should be positioned at two heights to be clearly visible for both seated and standing persons. The shape and colour may vary but must provide sufficient contrast against the background. Always verify applicable regulations where the product is to be installed.

Operation

The door opens and closes with light pressure in either direction and automatically returns to the closed position, as the pivot hinge is equipped with a self-closing function. During use, the door should be handled carefully to avoid damage to the glass, fittings and frame.

Warning – risk of crushing
Please note that the clearance between the hinge side of the door leaf and the frame constitutes a potential pinch zone. Avoid placing fingers in this area during opening and closing.

Strong wind
In strong winds, the door should be kept closed and, in exposed environments, locked to prevent unintended movement that may cause personal injury or material damage.

Maintenance

The product requires minimal maintenance; however, regular cleaning and visual inspection are recommended to ensure continued functionality and safety.

- Wipe the exterior of the aluminium profiles with a damp cloth and a mild detergent. Do not use strong acids, alkaline cleaners or abrasive agents that may damage the anodised surface.
- Clean the glass using a soft cloth or sponge with lukewarm water and a mild detergent. Avoid abrasive cleaners or tools that may scratch the glass surface.
- Clean the lock using a dry cloth or compressed air. Lubricate moving parts with a lock spray.

Warranty

For the warranty to be valid, the following conditions must be met:

- In the event of a warranty claim, the seller must be contacted to assess the complaint in accordance with the applicable warranty terms. The seller is responsible for confirming whether the defect is covered by the warranty. Please note that any interventions or corrective actions carried out without approval from ErgoSafe's claims department are undertaken at the customer's own risk and will void the warranty.
- In warranty cases, the product's serial number must be stated, together with a photograph clearly showing the defect being claimed.
- In the event of replacement of parts, these must unconditionally be returned to the seller. Failure to do so will result in the customer losing the right to warranty compensation.

The warranty does not cover: Incorrect installation or settlement in the foundation or timber structure.

Troubleshooting

The door does not close completely. A possible cause may be dirt or obstruction in the hinge or frame. Action: Check that nothing blocks the door movement and clean if necessary.

The door opens too forcefully. A possible cause may be that the door has too little opening/braking resistance. Action: Increase the opening/braking resistance.

The door moves uncontrollably in wind. The door is unlocked or has too little opening/braking resistance. Action: Lock the door or increase the opening/braking resistance.

The door cannot be locked. A possible cause is a fault in the locking mechanism or incorrect adjustment of, for example, the hinges.
Action: Contact the reseller if necessary.

Disassembly

If disassembly is required, for example for service, relocation or recycling, it must be carried out with the same level of care as during installation.

Recycling

CiUPivotDoor is designed with recyclable materials in mind, contributing to a more sustainable lifecycle. At the product's end of life, the components can be easily dismantled, separated and sorted in accordance with applicable regulations and recommendations for material recycling.



ClickitUp®
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