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CiUPivotDoorPlus

Instruction Manual

ClickitUp® by ErgoSafe®

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Introduction

CiUPivotDoorPlus is a pivot-hinged glass door with transom, designed to be used 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, installation sequence and relevant safety aspects, the entire manual must be read before installation begins. Incorrect installation may result in personal injury, product damage and void the warranty.

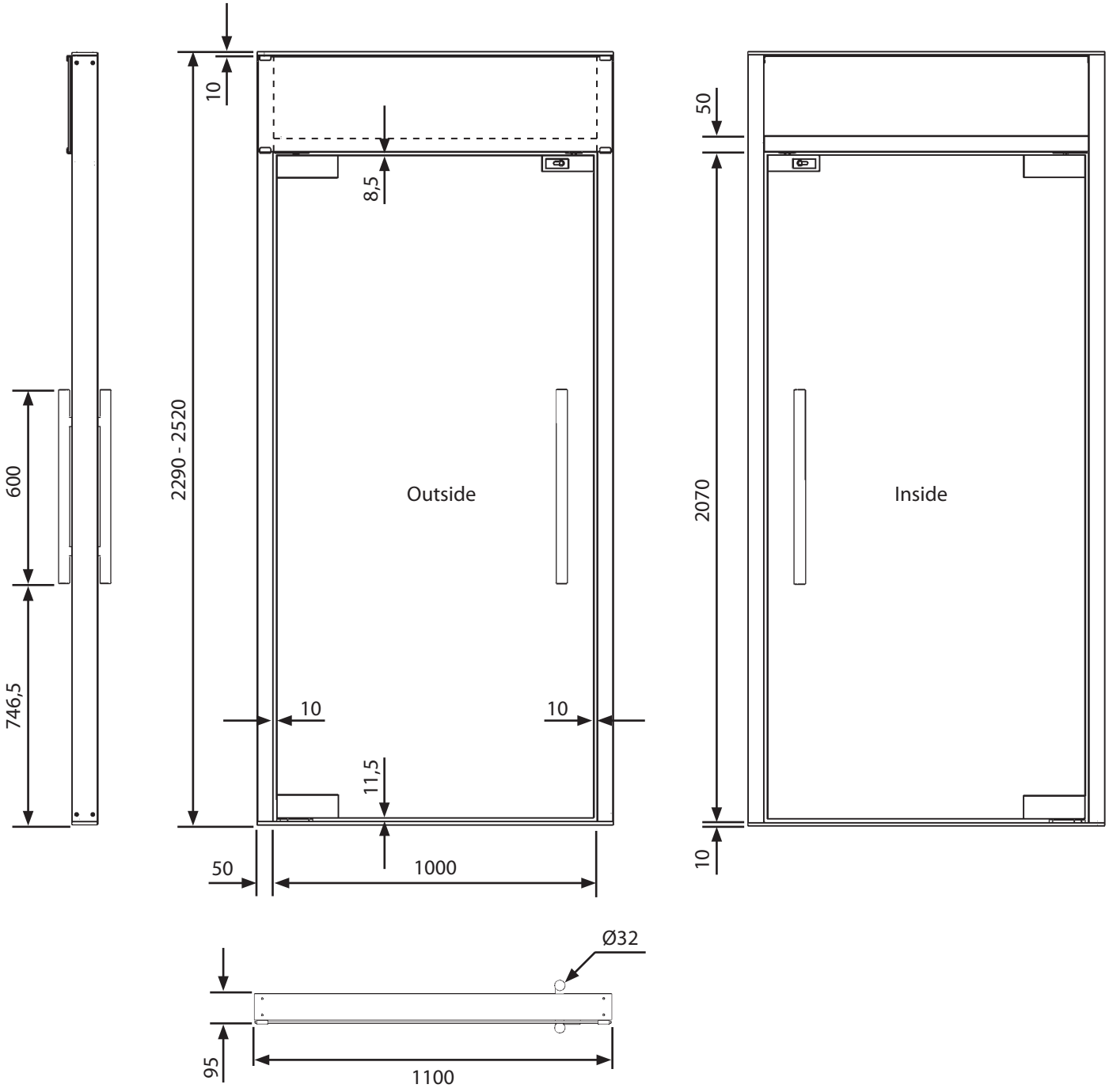
Technical Specification

Description	Glazed double-acting swing door with pivot suspension and integrated transom
Manufacturing method	Structural glazing is used to mount the transom (fixed glass) to the aluminium posts
Fixing	Fixing to substrate, superstructure and adjacent ClickitUpPlus sections
Material	Glass, aluminium and stainless steel
Glass	Toughened safety glass: 10 mm door glass, 8 mm transom
Height	2290–2520 mm
Width	1100 mm
Depth	95 mm
Lock	Black key lock allowing locking from both inside and outside
Handle	Black cylindrical vertical handle on inside and outside
Surface treatment	Posts and brackets supplied in black anodised finish as standard

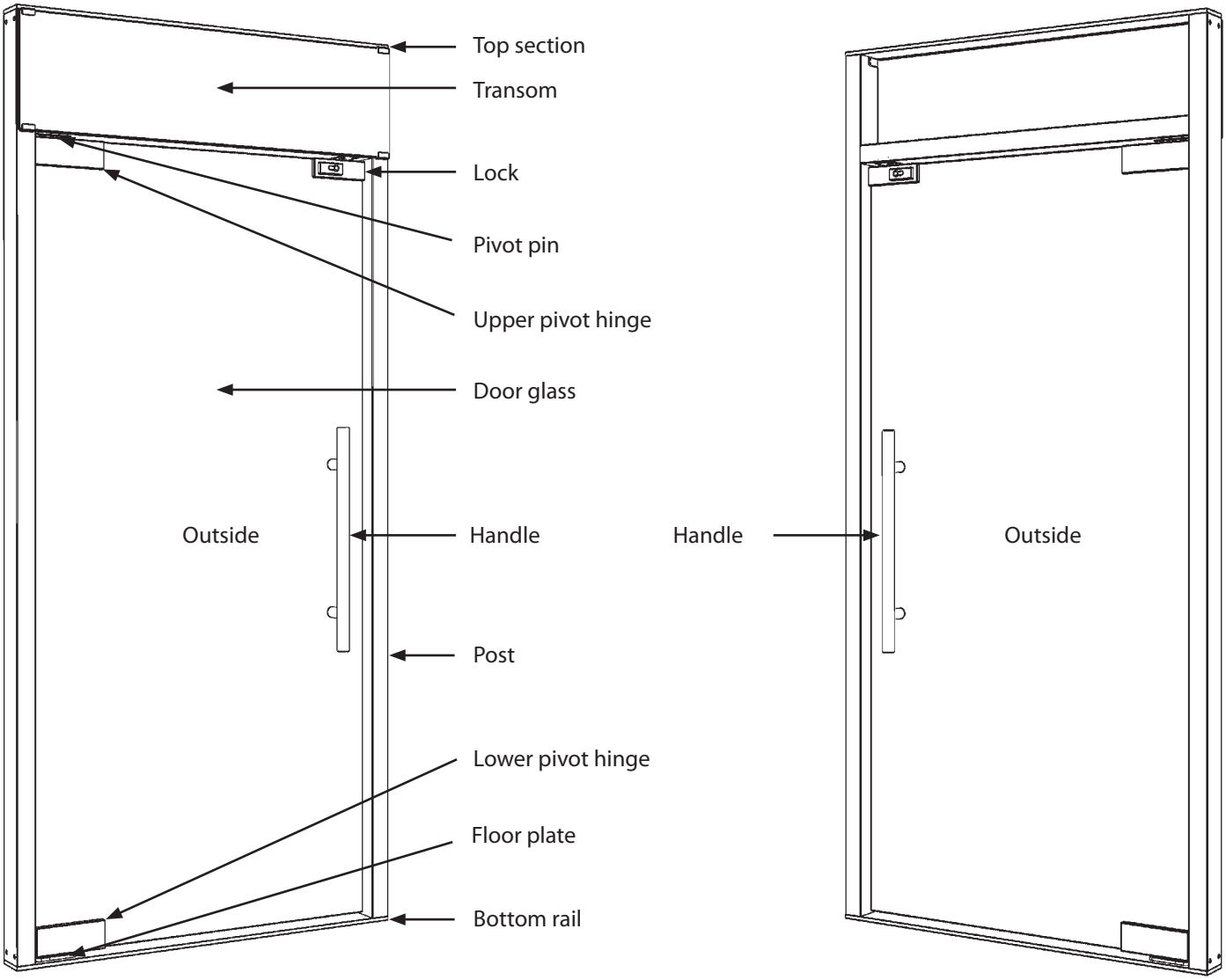
Product Overview

CiUPivotDoor is a glazed double-acting swing door with pivot suspension, allowing the door to open both inward and outward. It is operated by 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 construction allows both right- and left-hand installation at the time of mounting.

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



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



Receiving

Delivery inspection

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

Unloading from pallet

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

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

Preparations

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

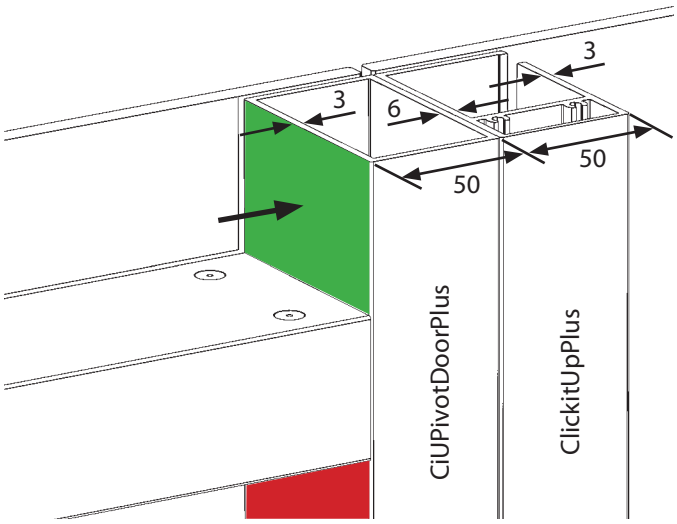
- Verify that the substrate has sufficient load-bearing capacity to support the door's own weight as well as loads arising from wind exposure and normal use.
- The substrate must be level and even to ensure proper installation and function.
- Fixing surfaces must be dimensioned to allow secure anchoring. When fixing to concrete, a rubber membrane or other insulating barrier shall be placed between brackets and the concrete surface to minimise the risk of corrosion and damage.
- Verify that opening dimensions and door dimensions correspond with drawings and order confirmatio
- Select fasteners adapted to the materials of the substrate and the superstructure. When installing in structures with water drainage systems directly adjacent to the fixing points, corrosion-resistant sealed screw connections must be used to prevent water penetration.
- Plan the position of the door before installation begins.
- Ensure that there is sufficient space for safe handling, taking into account its weight and size.
- Avoid lifting alone.
- Avoid installing the product in strong winds or adverse weather conditions.

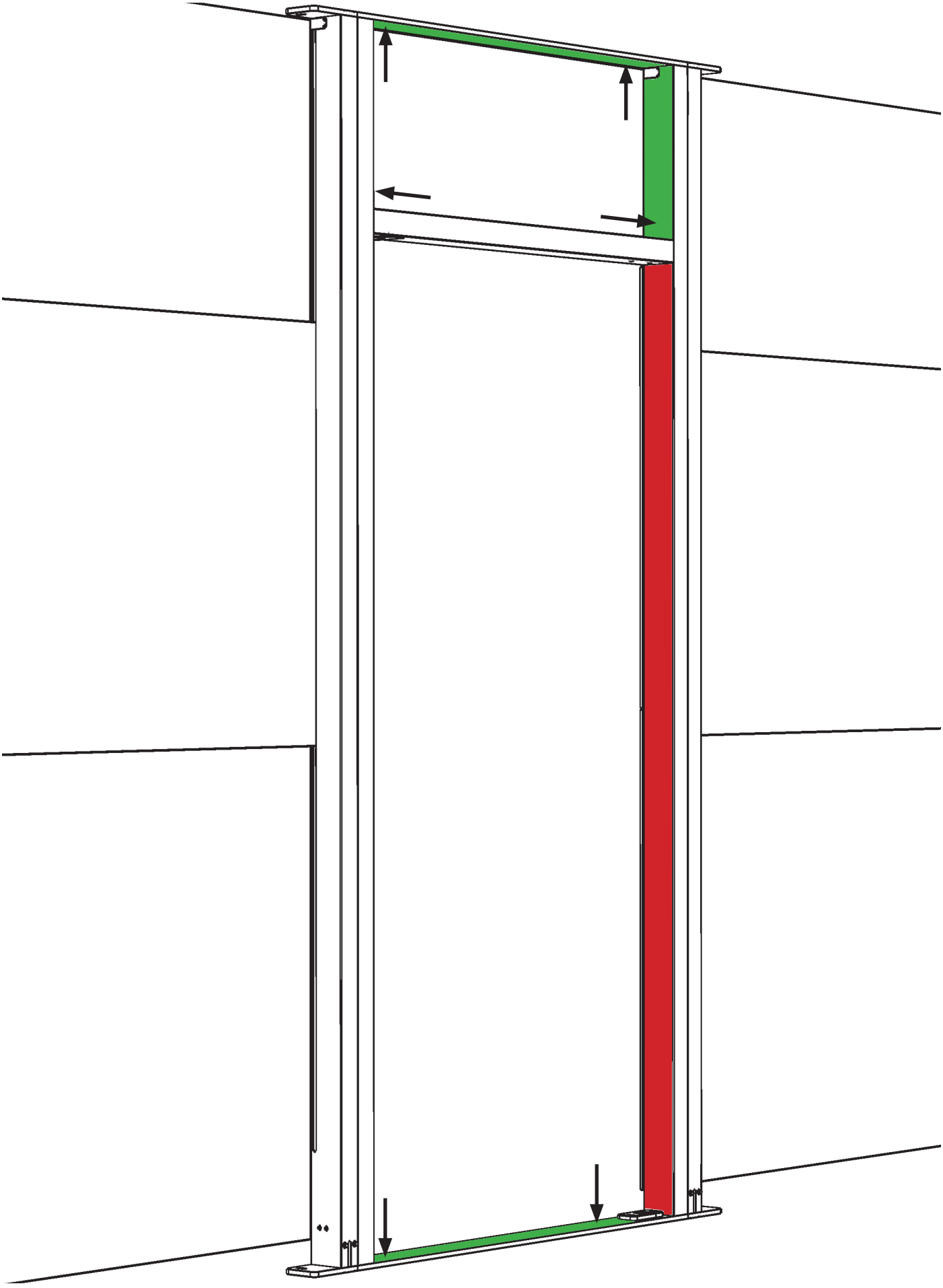
Installation

1. Fixing of door frame

The recommendation is to begin by fixing the door frame to the substrate and the overhead structure. Ensure that the frame is plumb and level. Then secure the frame using suitable fasteners adapted to the material. When installing the door frame, it is recommended that fastening 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 against the substrate, a small gap may occur between the top section and the overhead structure. To prevent the top section from bending when tightening the screws, this gap must be compensated with a spacer to ensure stability before fastening.

The door frame must also be fixed laterally to adjacent ClickitUpPlus sections to ensure stability. This fastening may only be carried out within the transom area in order to avoid contact with any moving parts in ClickitUpPlus. It is recommended that screws be positioned as low as possible within this area in order to achieve optimal load transfer and reduce the risk of movement in the structure.

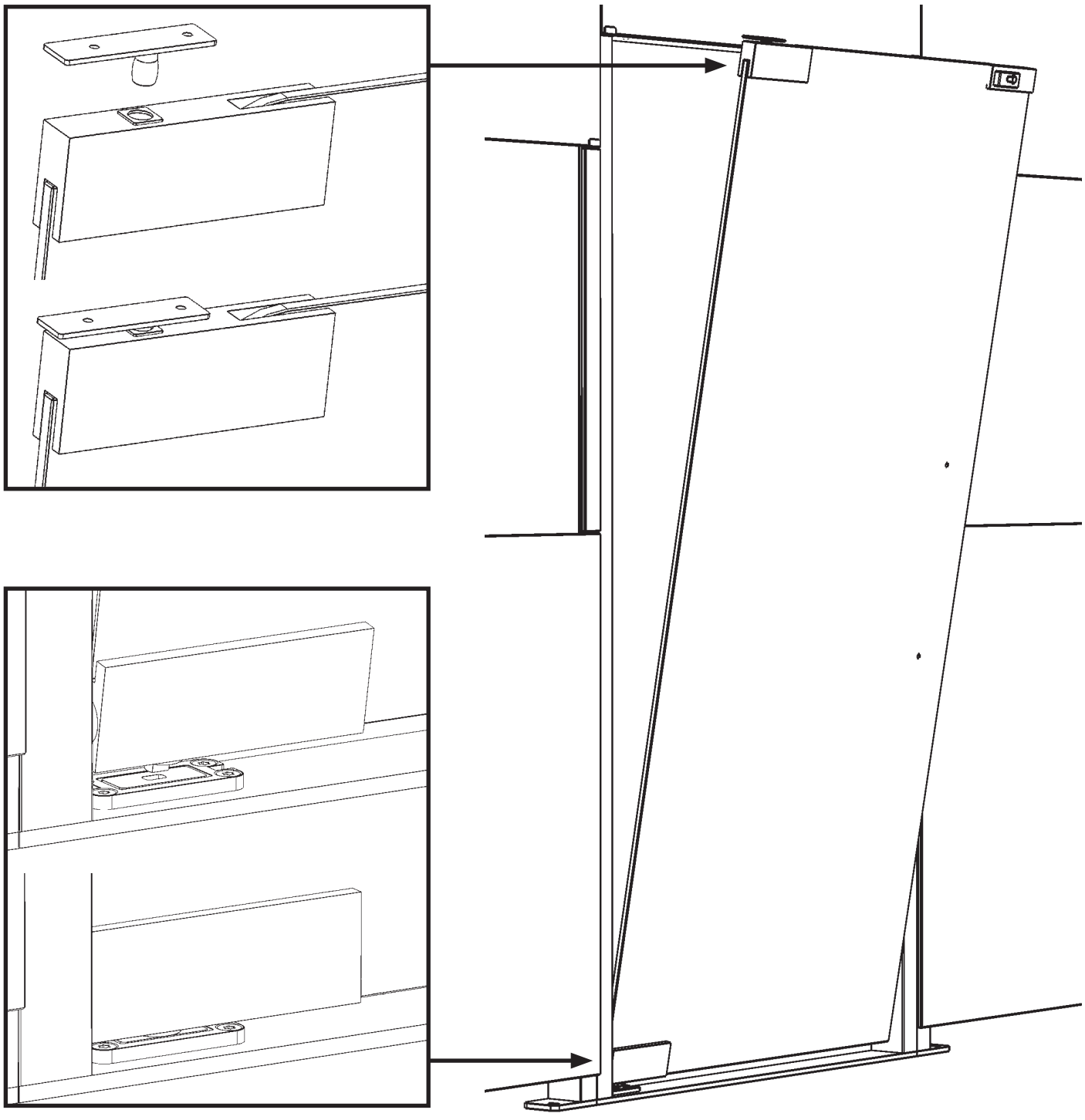


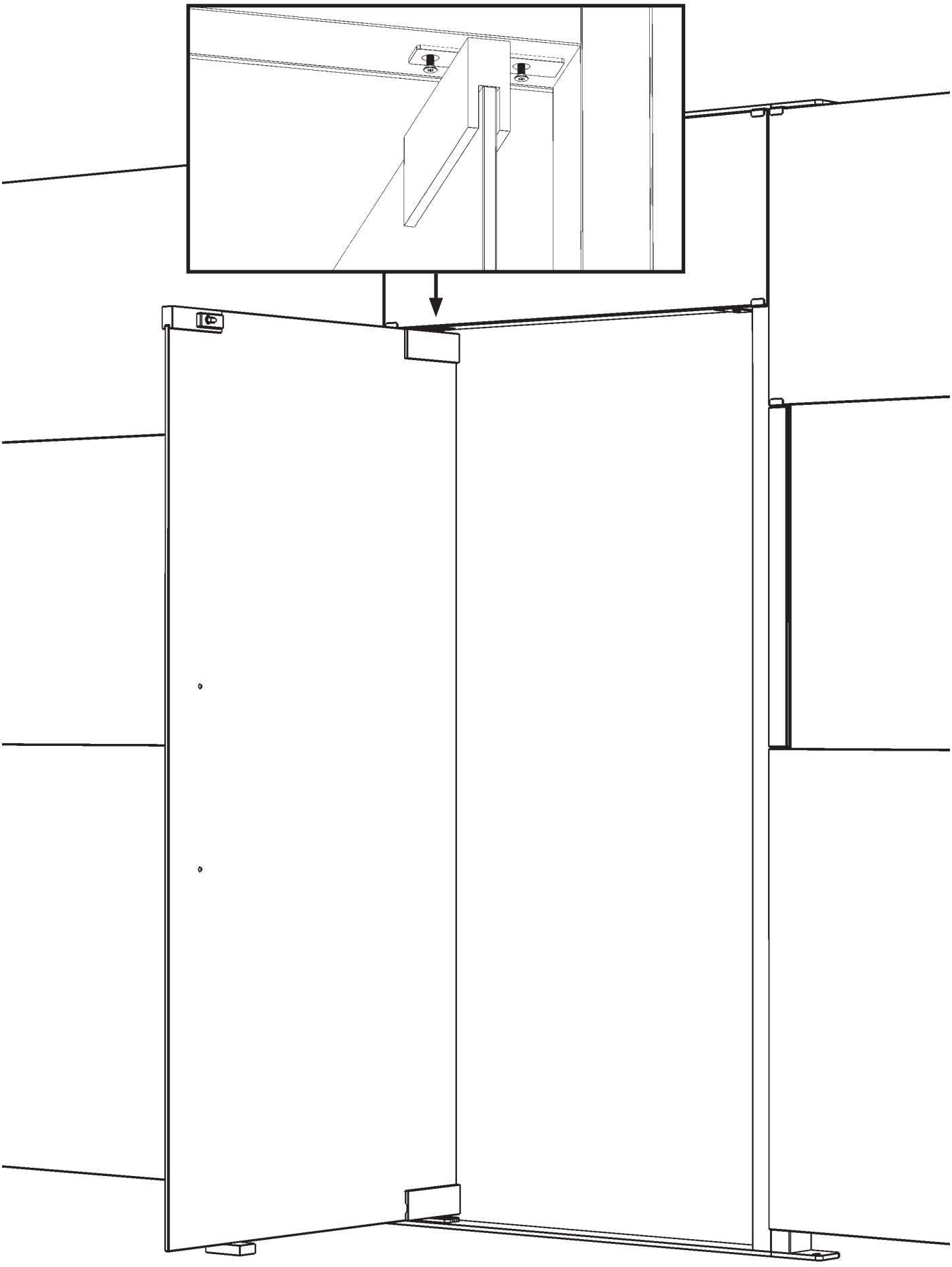


2. Installation of door leaf

The door leaf is delivered with upper and lower pivot hinges pre-installed. 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.

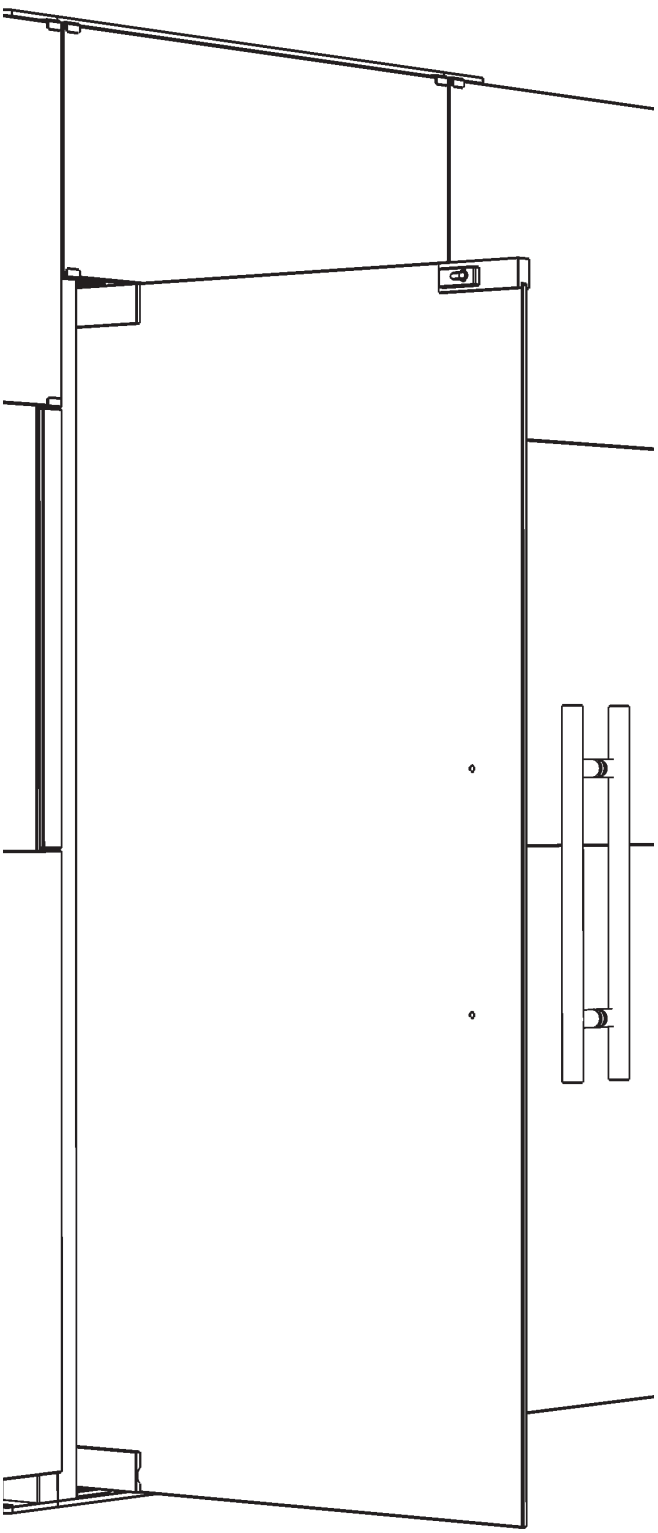
- Check that the pivot pin is pressed down into the upper pivot hinge, but not screwed in.
- Check that the latch bolt is lowered (in open/unlocked position).
- Lift the door leaf into the frame and hook the lower hinge into the floor plate.
- Open the door approximately 90° to access the upper pivot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

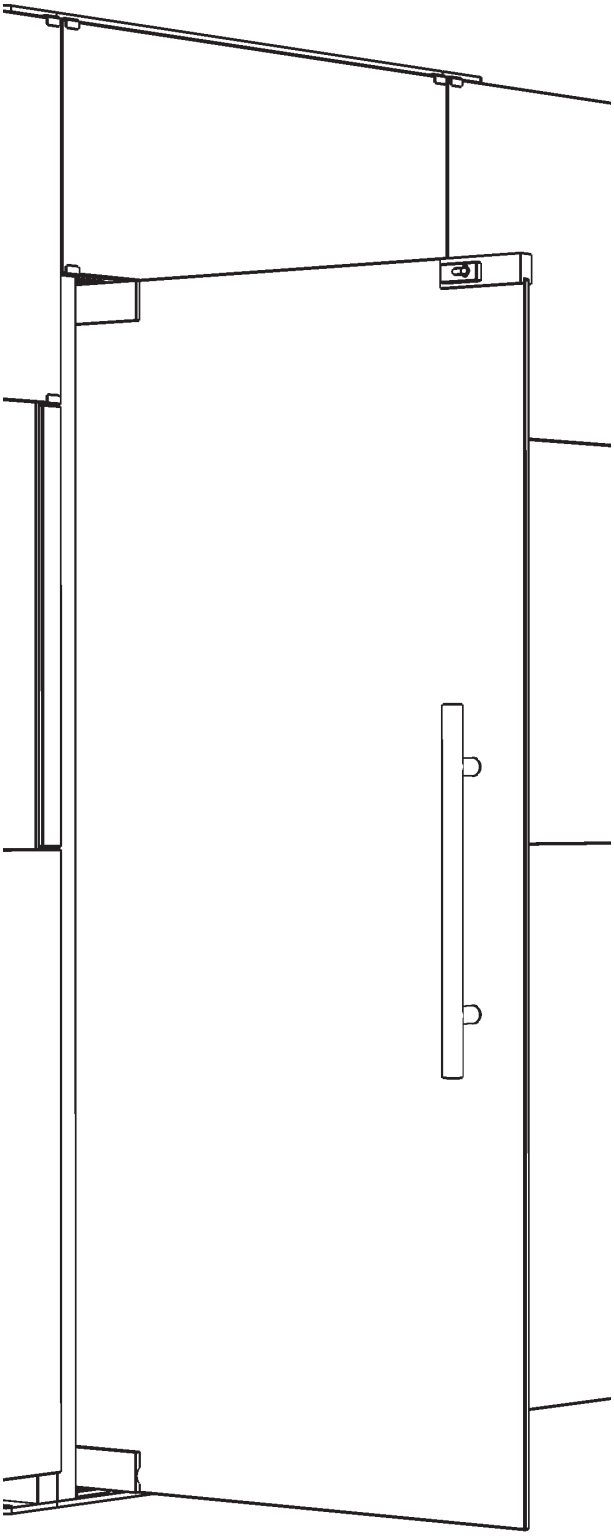




3. Installation of handles

Install 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.

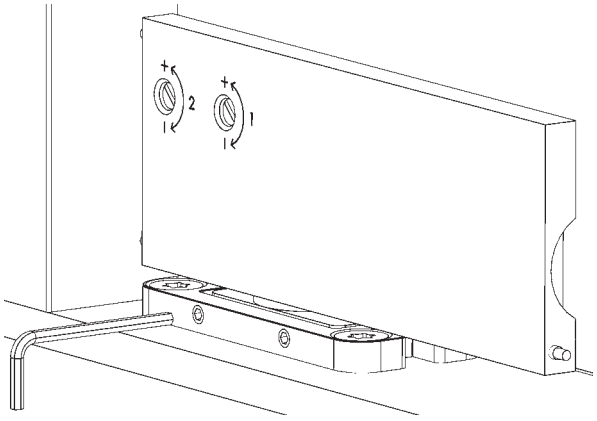


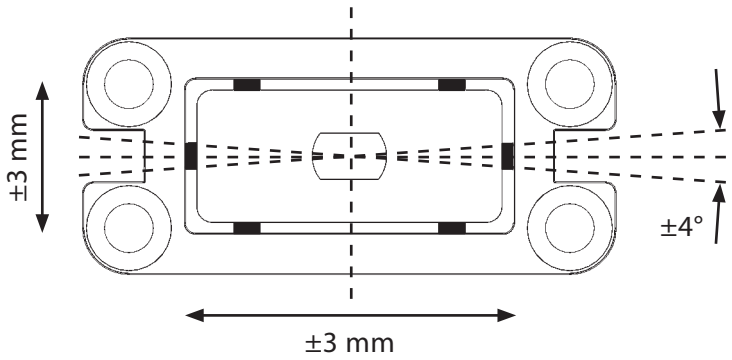


4. Adjustment of pivot hinges

The lower hinge provides several adjustment options to adapt the function of the door if necessary.

- **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.

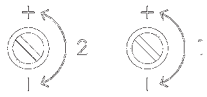




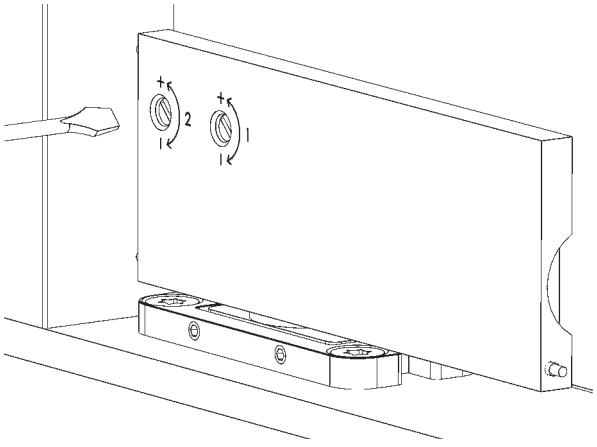
- **Opening angle and fixed hold position:** The door can be opened up to 160° in both directions. At 90° it stops at a fixed hold position but can easily be opened further by continuing to apply pressure.
- **Closing speed:** Regulates the speed from open position to nearly closed position. A higher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

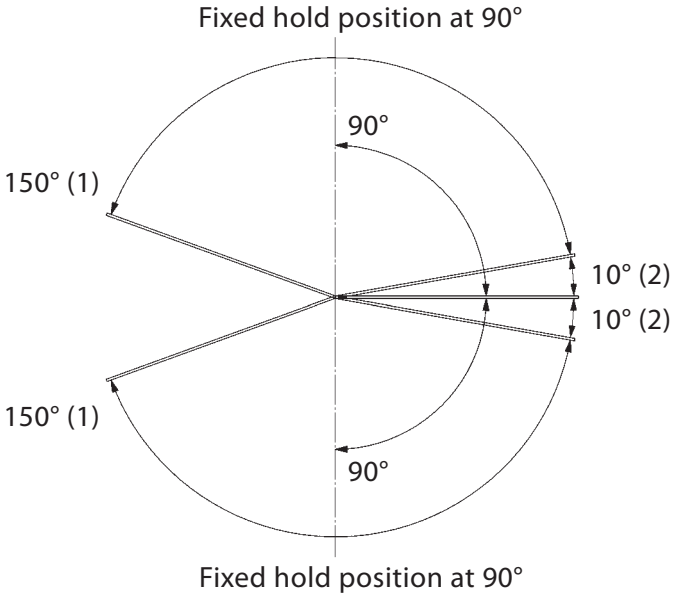
Note that the hinge's closing and braking speed may be affected by temperature. At low temperatures the door closes more slowly, while at higher temperatures it closes faster. This is normal and is due to the properties of the oil, as viscosity increases in cold conditions.

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



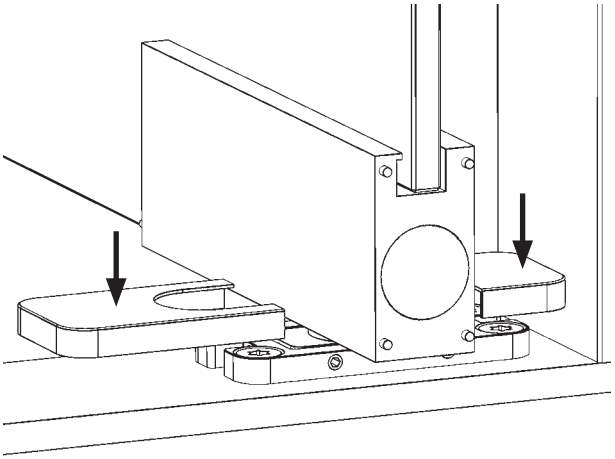
1. Closing speed
2. Braking speed

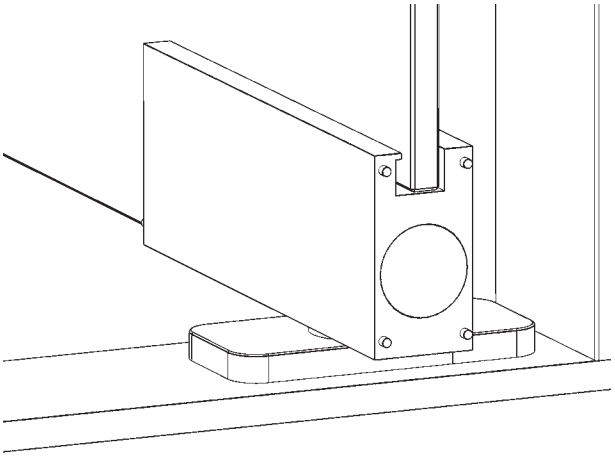




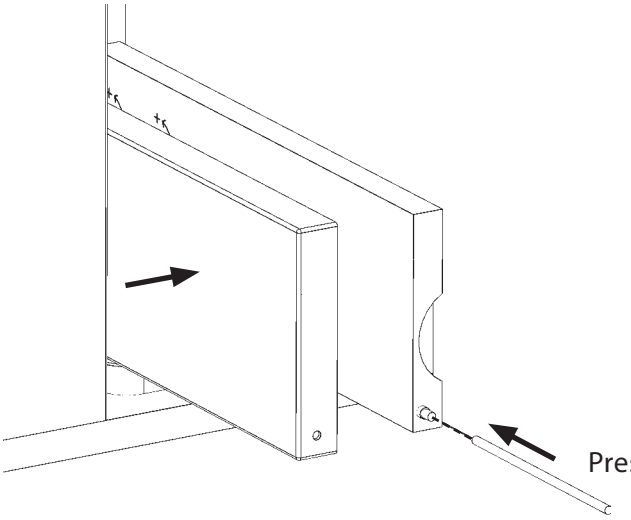
5. Installation of cover caps.

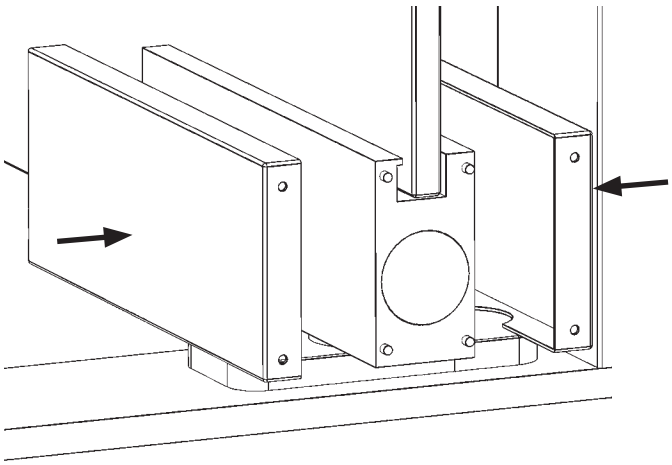
Install the cover caps on hinges and lock housing to protect the components and give the product a clean, uniform appearance.

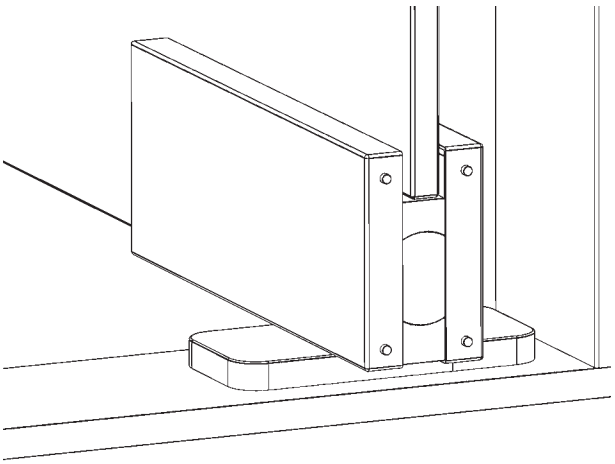




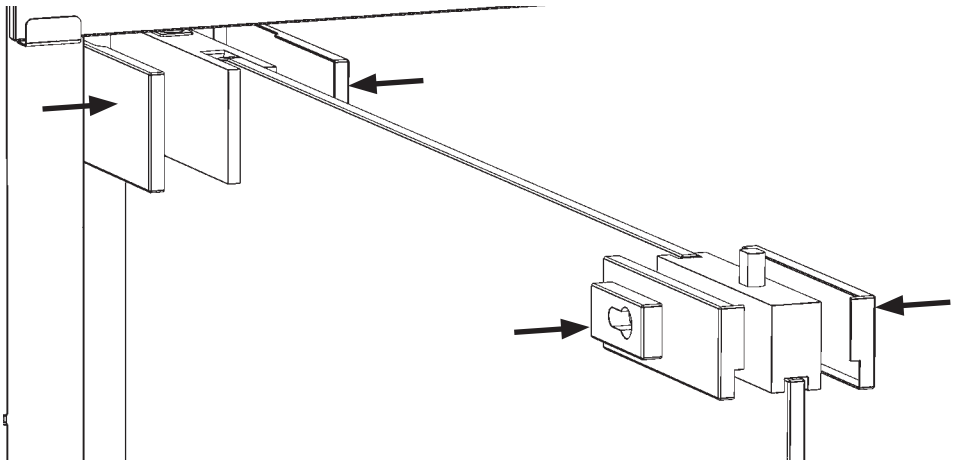
Most fittings are equipped with fixed and spring-loaded pins that secure the covers. During installation or removal, press the spring pins in to release the cover.

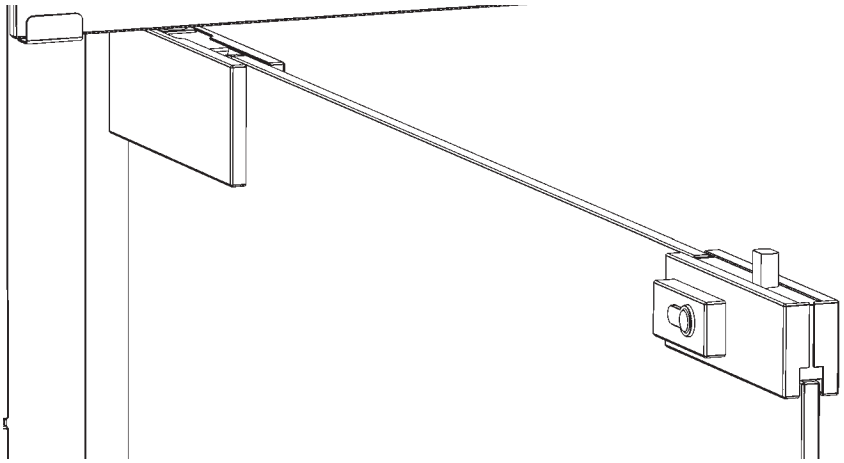






Continue according to the same principle until all covers are in place.





6. Self-inspection.

The product should be checked after installation to ensure correct function.

- Check that the door opens and closes smoothly in both directions.
- Check that the lock and handles 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 placed at two heights to be clearly visible to both seated and standing persons. The shape and colour may vary but must provide good contrast against the background. Always check applicable regulations where the product is to be installed.

Use

The door is opened and closed by applying light pressure in either direction and automatically returns to the closed position as the pivot hinge is equipped with a self-closing function. Handle the door carefully during use to avoid damage to glass, fittings and frame.

Warning – risk of pinching
Note that the free space 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 also locked, to prevent unintended movement that may cause personal injury or material damage.

Maintenance

The product requires minimal maintenance, but regular cleaning and visual inspection are recommended to ensure continued function and safety.

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

Warranty

In order for the warranty to be valid, the following conditions must be fulfilled:

- 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 intervention or action carried out without approval from ErgoSafe's complaints department is undertaken at your own risk and will void the warranty.
- In warranty cases, the product's serial number must be provided together with a photograph clearly showing the defect being claimed.
- When replacing components, these must unconditionally be returned to the seller. If this is not done, the customer loses the right to warranty compensation.

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

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

Recycling

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



ClickitUp®
by ErgoSafe®

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