



# NATHALIUM

Elevating Spaces with Italian Precision



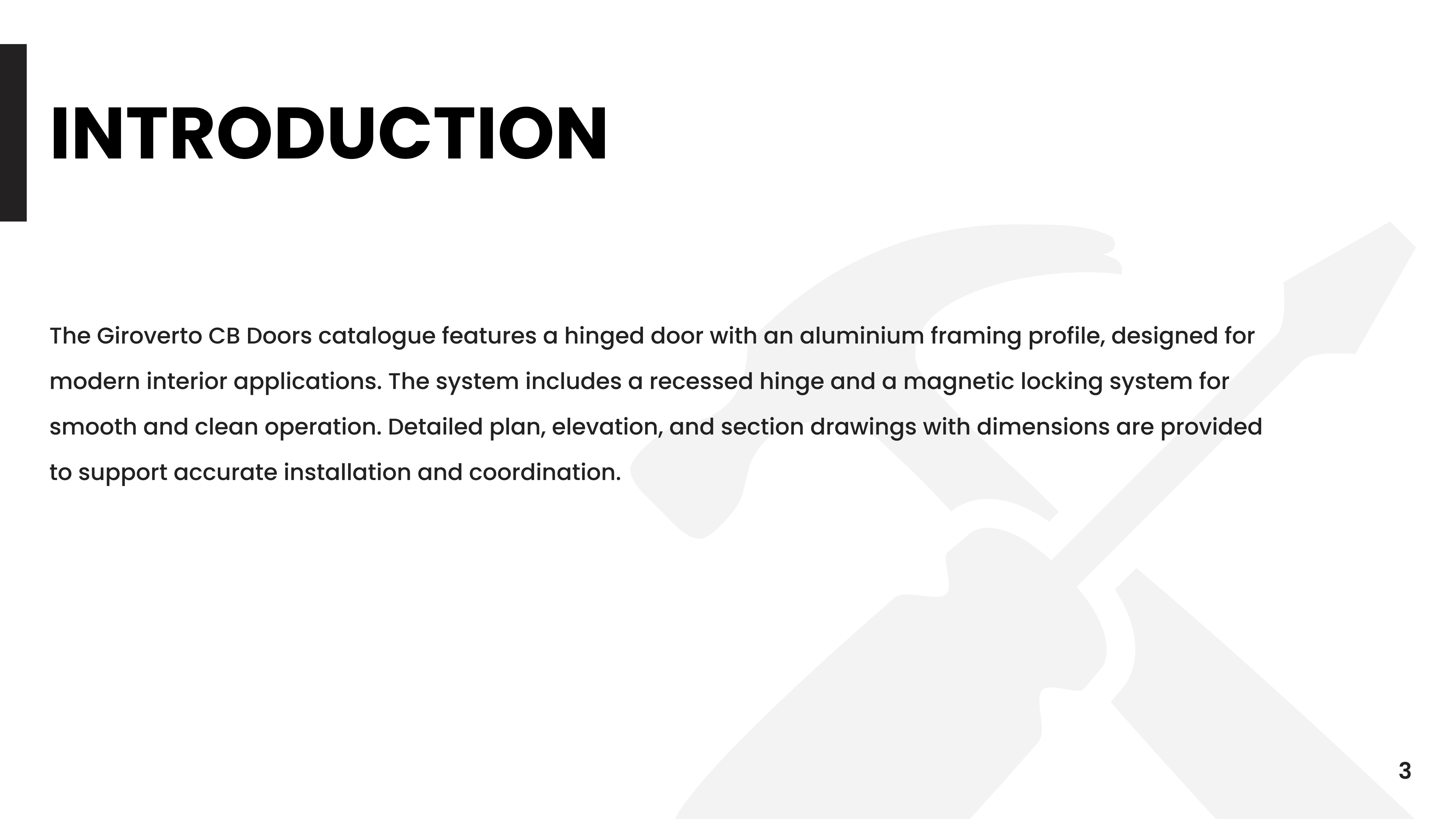
GIROVERTO / HINGED DOOR

DOORS

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# INTRODUCTION

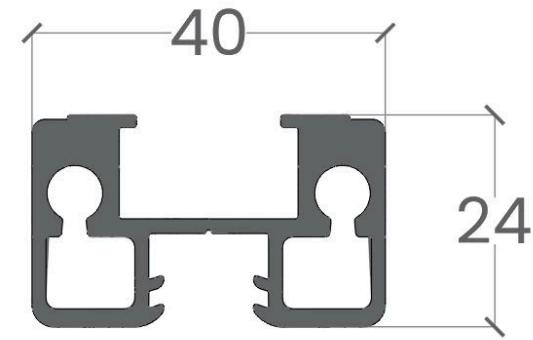


The Giroerto CB Doors catalogue features a hinged door with an aluminium framing profile, designed for modern interior applications. The system includes a recessed hinge and a magnetic locking system for smooth and clean operation. Detailed plan, elevation, and section drawings with dimensions are provided to support accurate installation and coordination.

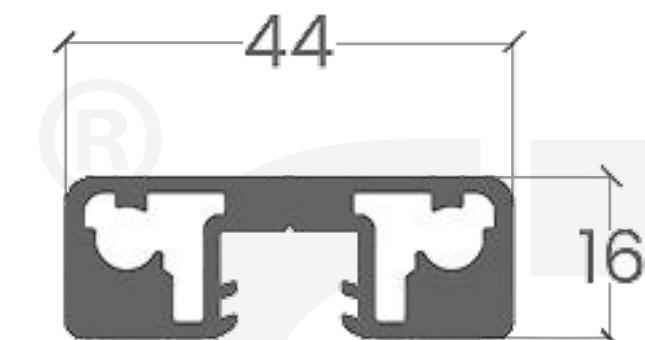


# MATERIALS & TOOLS

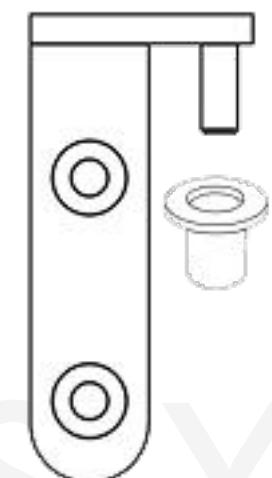
## Main Components



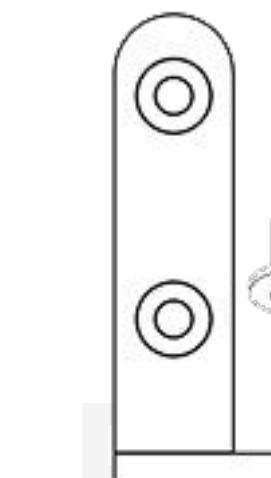
• Horizontal Profile



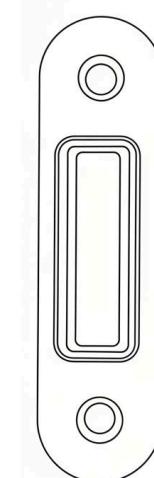
• Vertical Profile



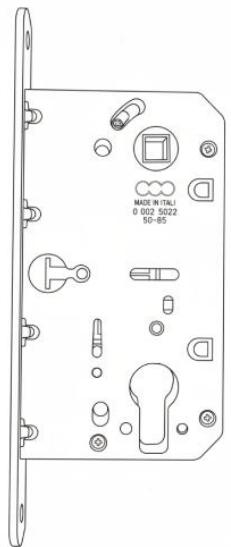
• Top Hinge



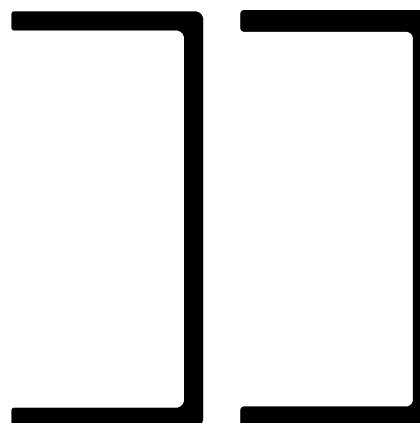
• Bottom Hinge



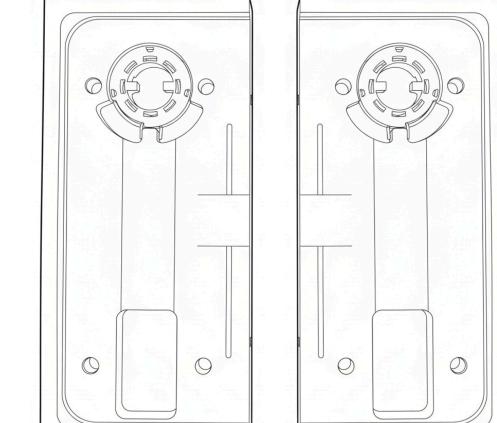
• Strike Plate



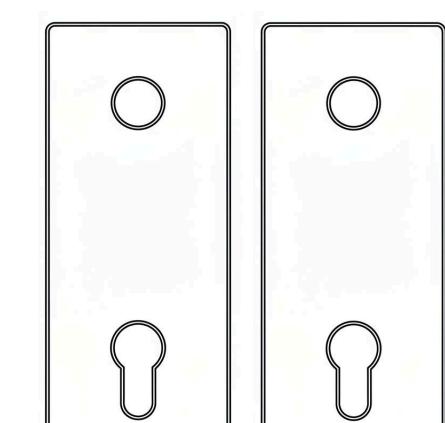
• Magnetic Lock Body



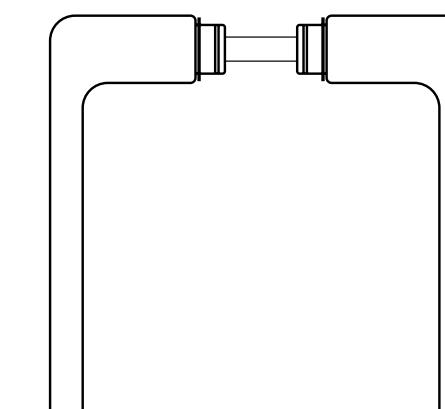
• Rubber Insert



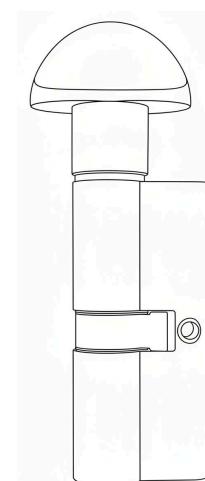
• Concealed Insert Plate



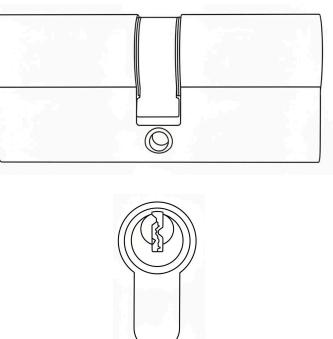
• Wooden Unit Connector



• Handle



• Cylinder Lock With Nobe

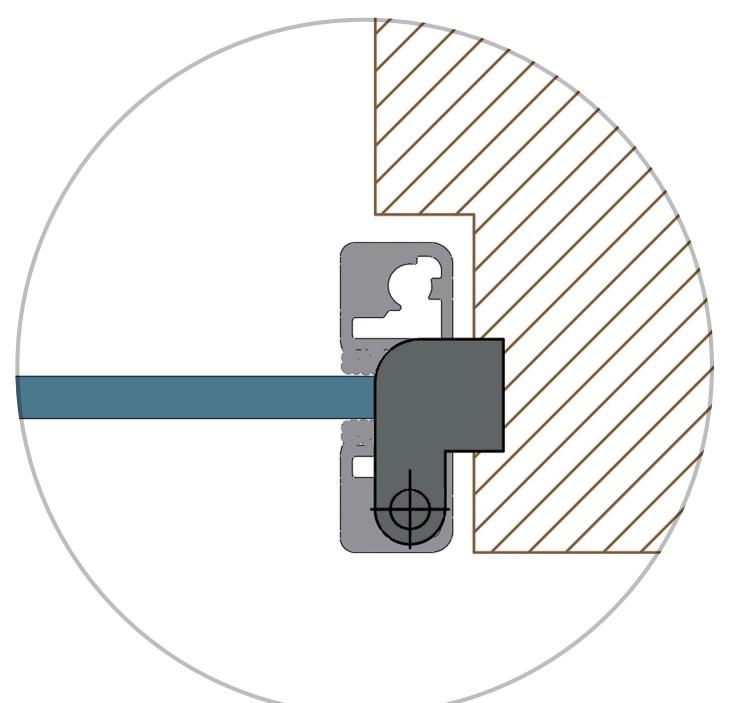


• Standard Cylinder Lock

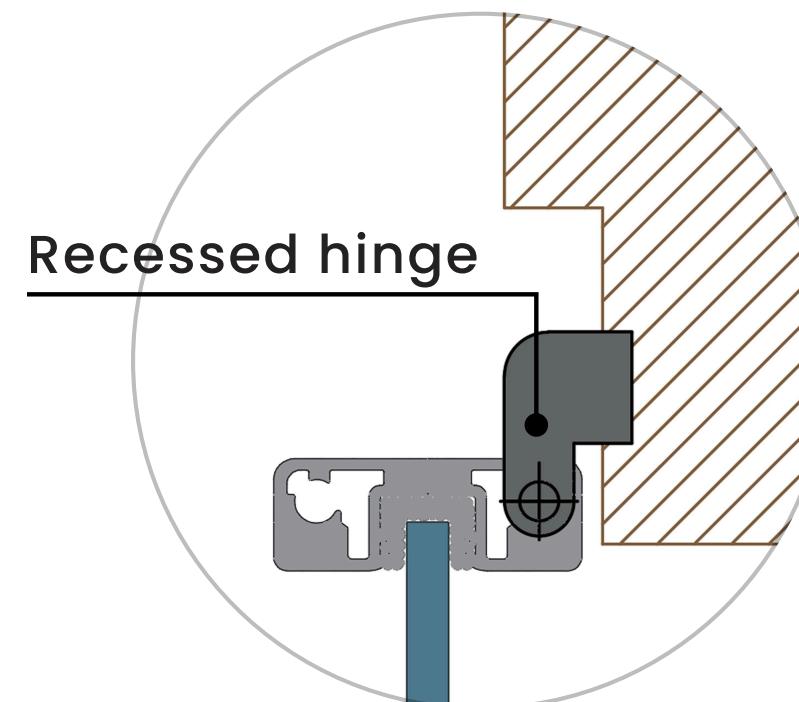
# HINGE FIXING

## Hinge Positioning

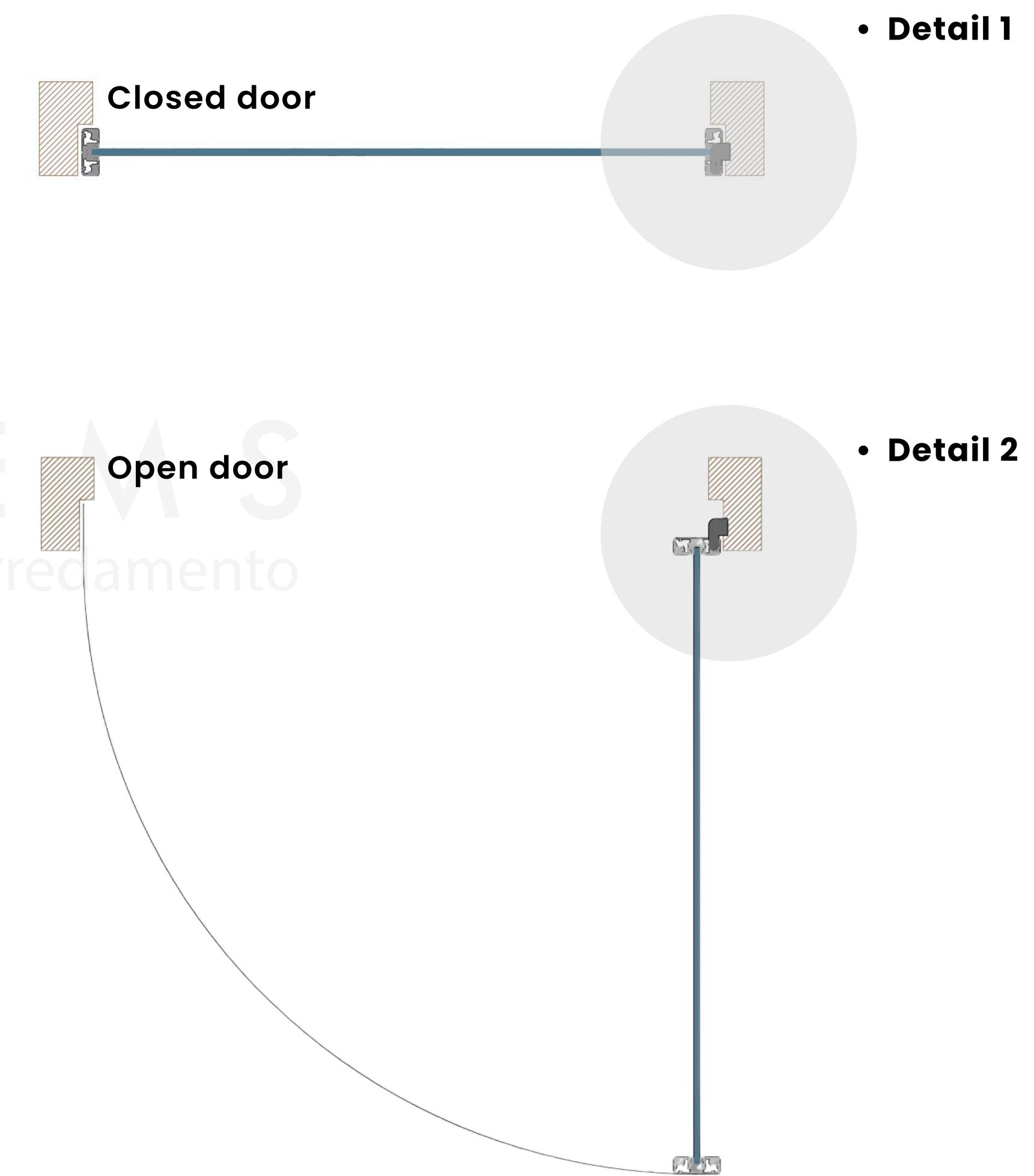
Plan view illustrates the door's swing path and the recessed hinge integration, providing a clear understanding of hinge placement and installation requirements.



- **Detail 1**  
Hinge fixing in the door's closed position.



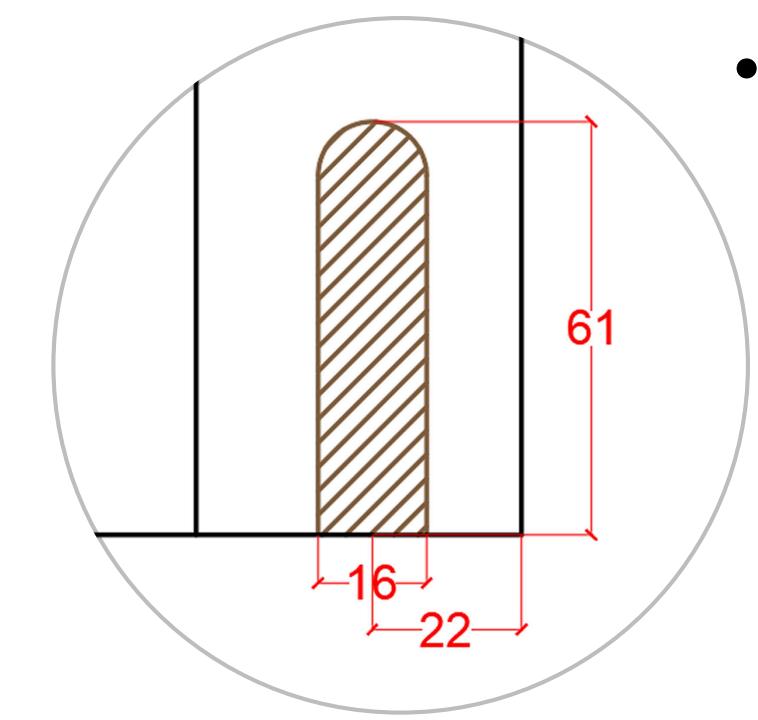
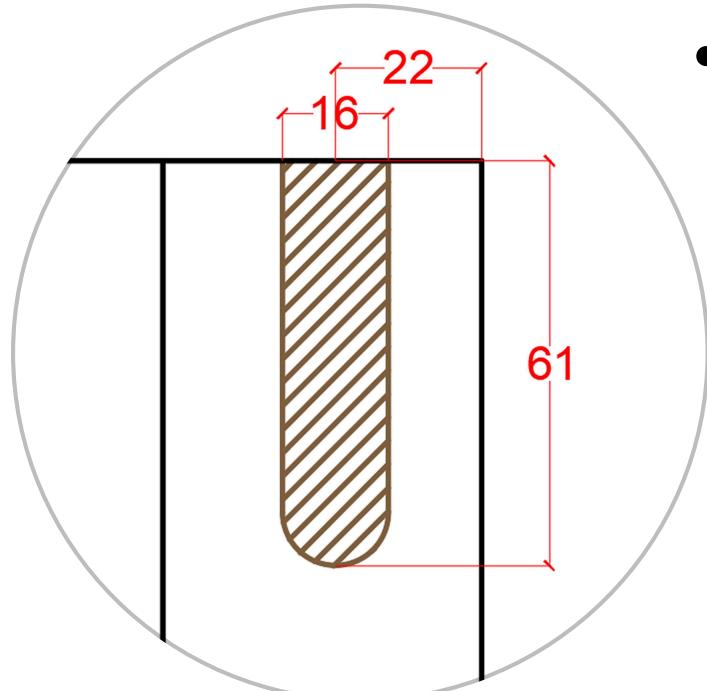
- **Detail 2**  
Hinge fixing in the door's open position.



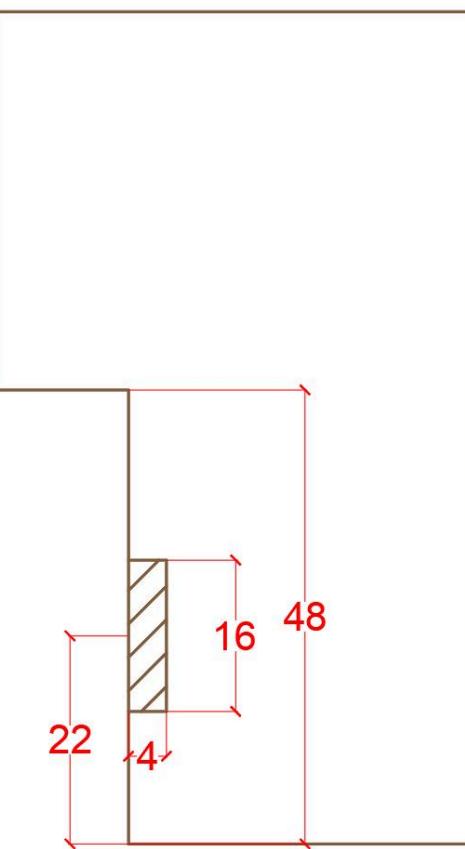
# HINGE FIXING

## Frame Groove Specifications

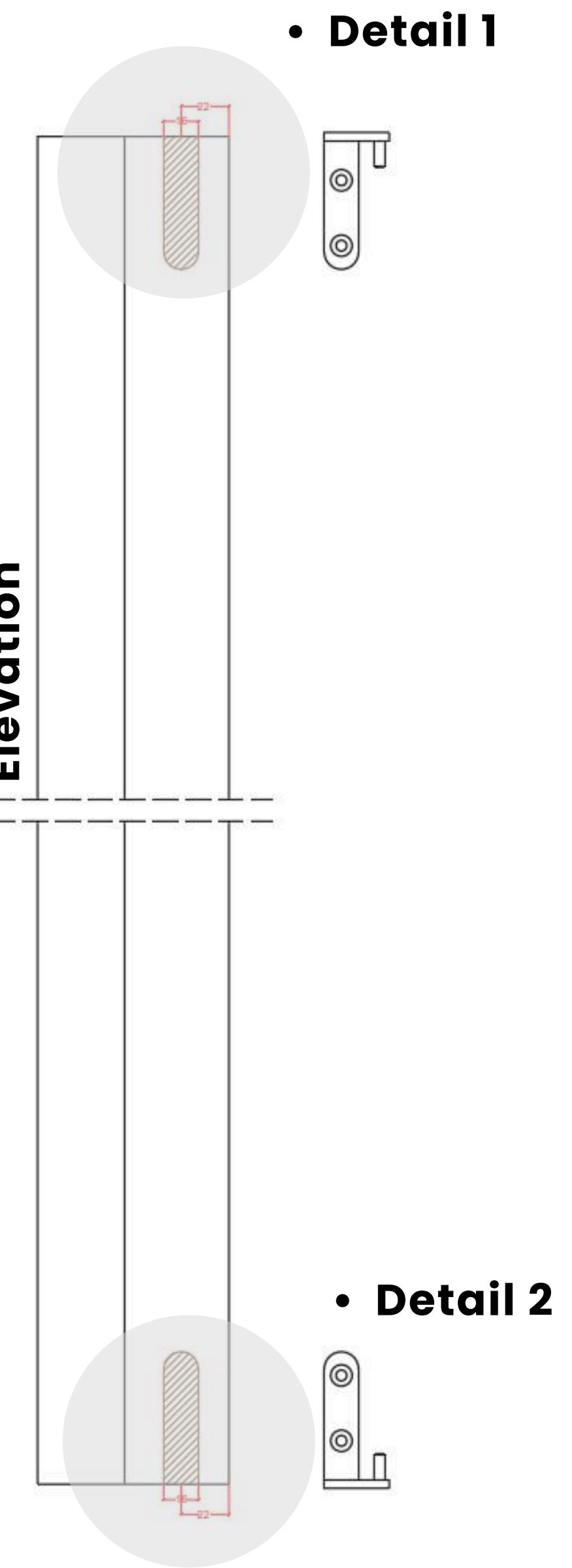
- The recess groove dimensions are detailed in both plan and elevation views to indicate the precise machining required.
- Compatible with 48 mm wooden frame.



**Plan view**



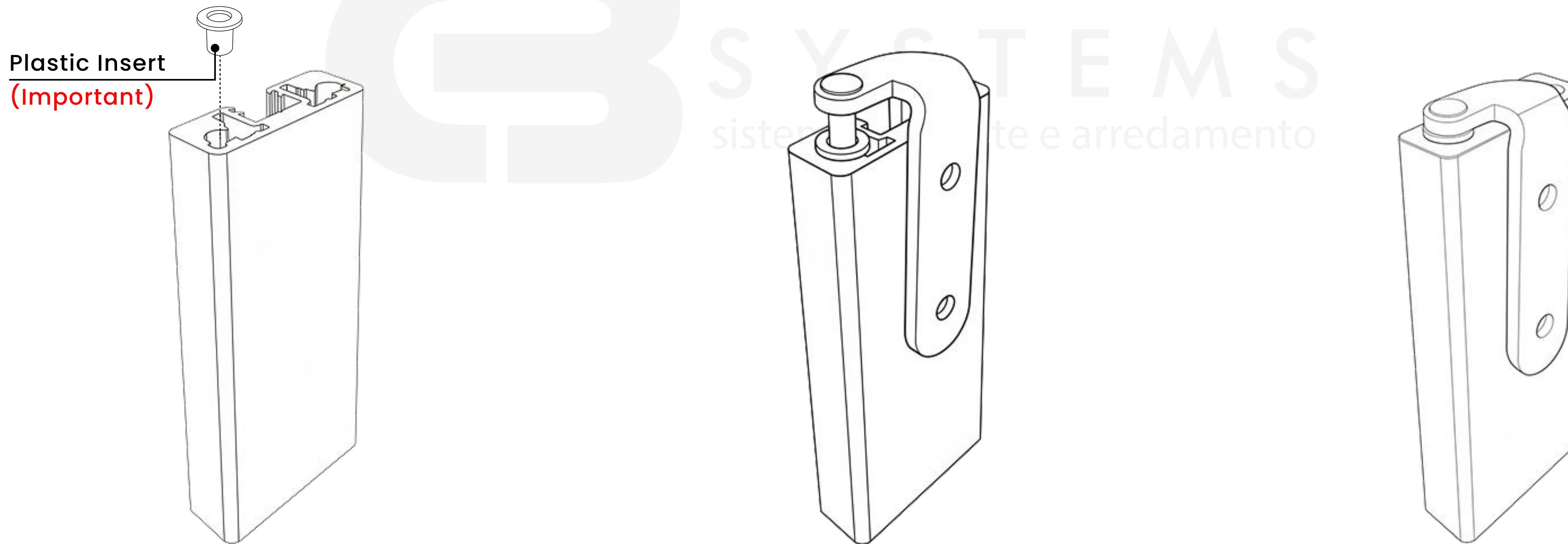
**Elevation**



# HINGE FIXING

## Assembly and configuration

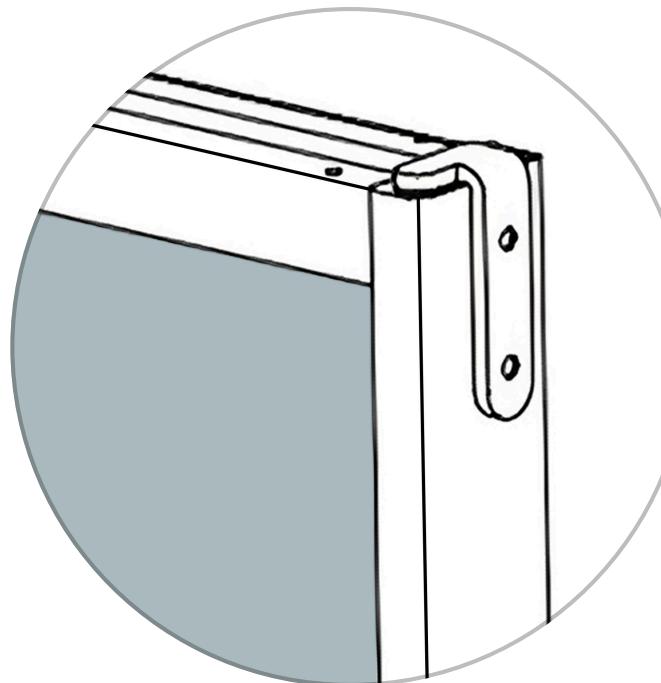
To secure the hinge, the plastic insert is first positioned inside the profile groove. The hinge body is then fitted into the insert, ensuring proper alignment and a stable fixing point.



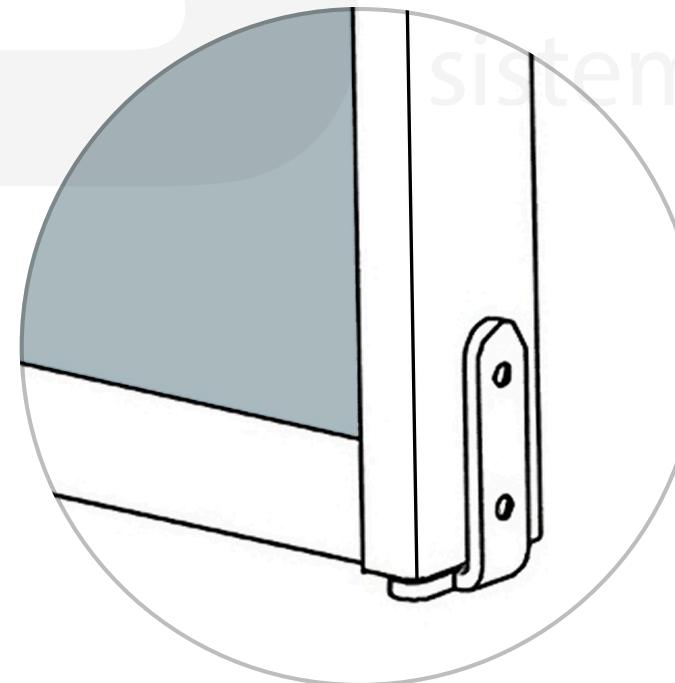
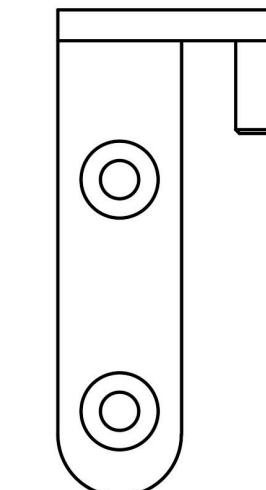
# HINGE FIXING

## Assembly and configuration

- Top and bottom hinges with plastic insert, anti-friction and noise-reducing bushing.
- The recessed hinge is supplied as a set, with one hinge designated for the top and the other for the bottom.



**Top hinge**



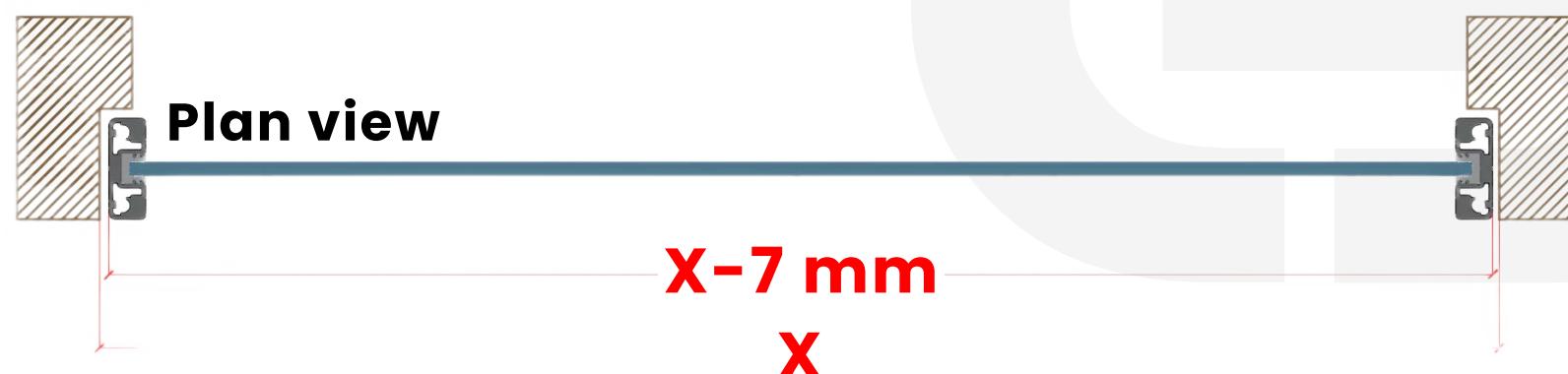
**Bottom hinge**



# DOOR DIMENSIONS

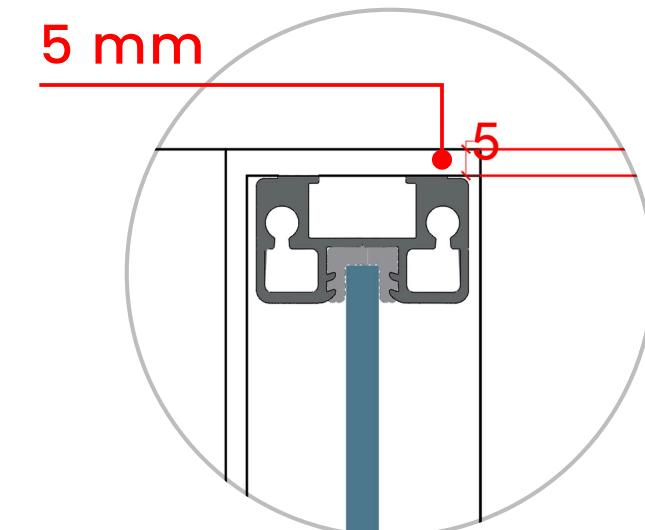
## Width & Height

Top and section views illustrate the door's width and height dimensions, along with the detailed side clearance dimensions.

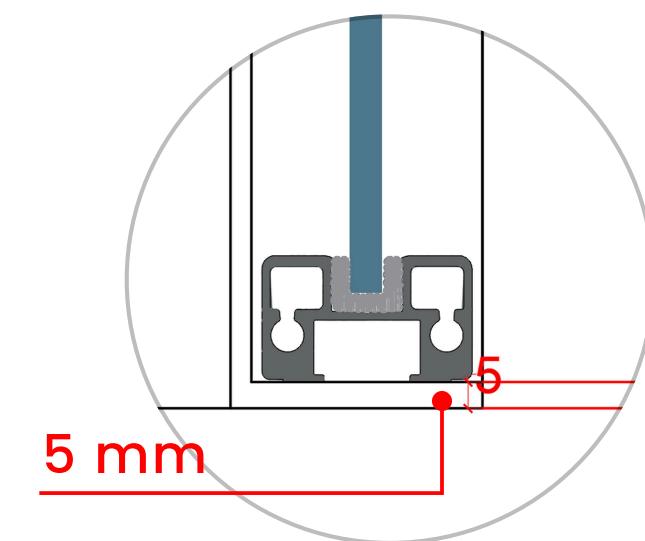


	Formula
Door Width	X-7 mm
Door Height	Y-10 mm

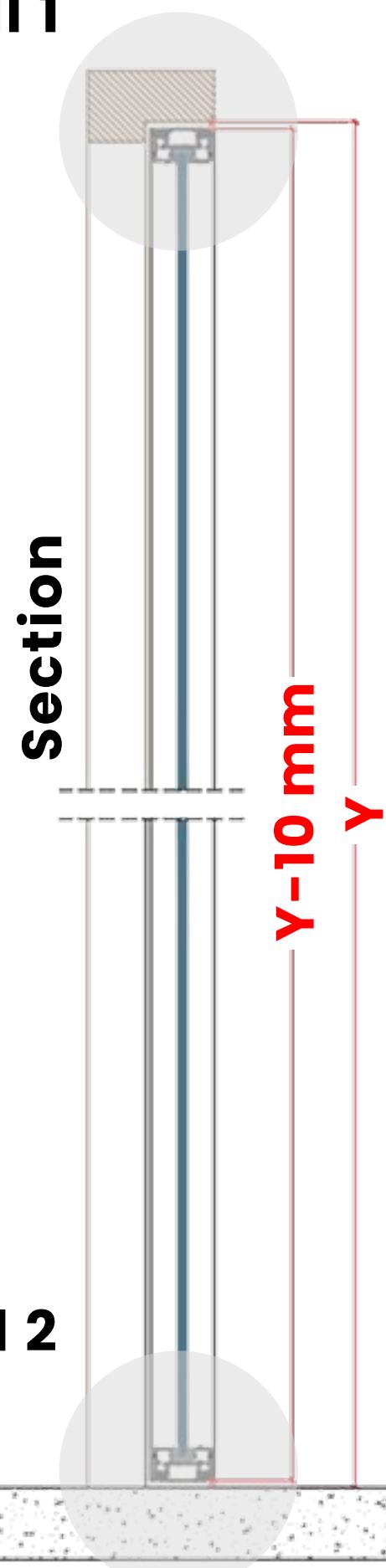
X= Door Opening Width  
Y= Door Opening Height



**Detail 1**



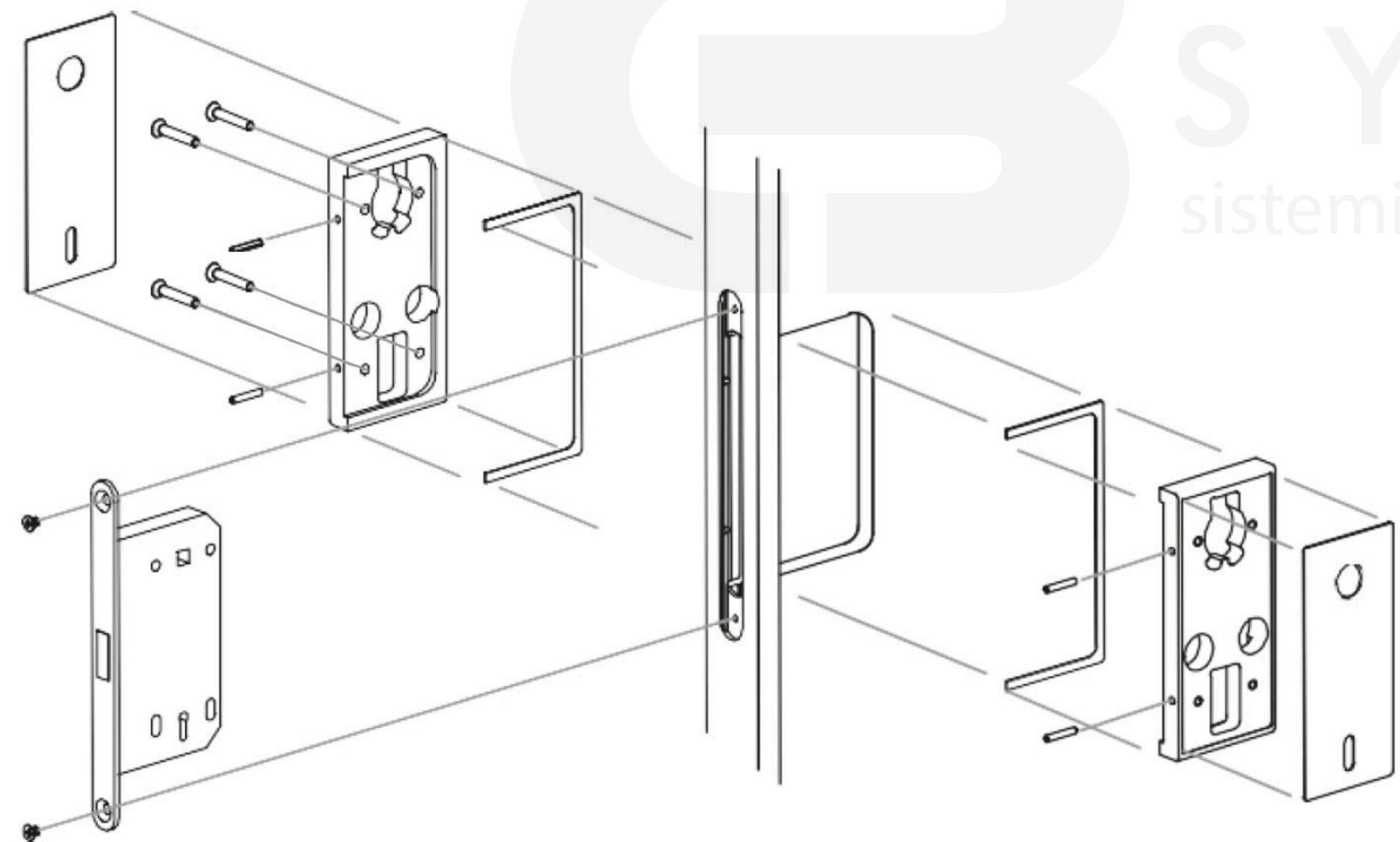
**Detail 2**



# LOCK FIXING

## Key Assembly

Exploded view illustrating the full key assembly kit with cylinder, covers, and mounting parts.



**CB SYSTEMS**  
sistemi per porte e arredamento

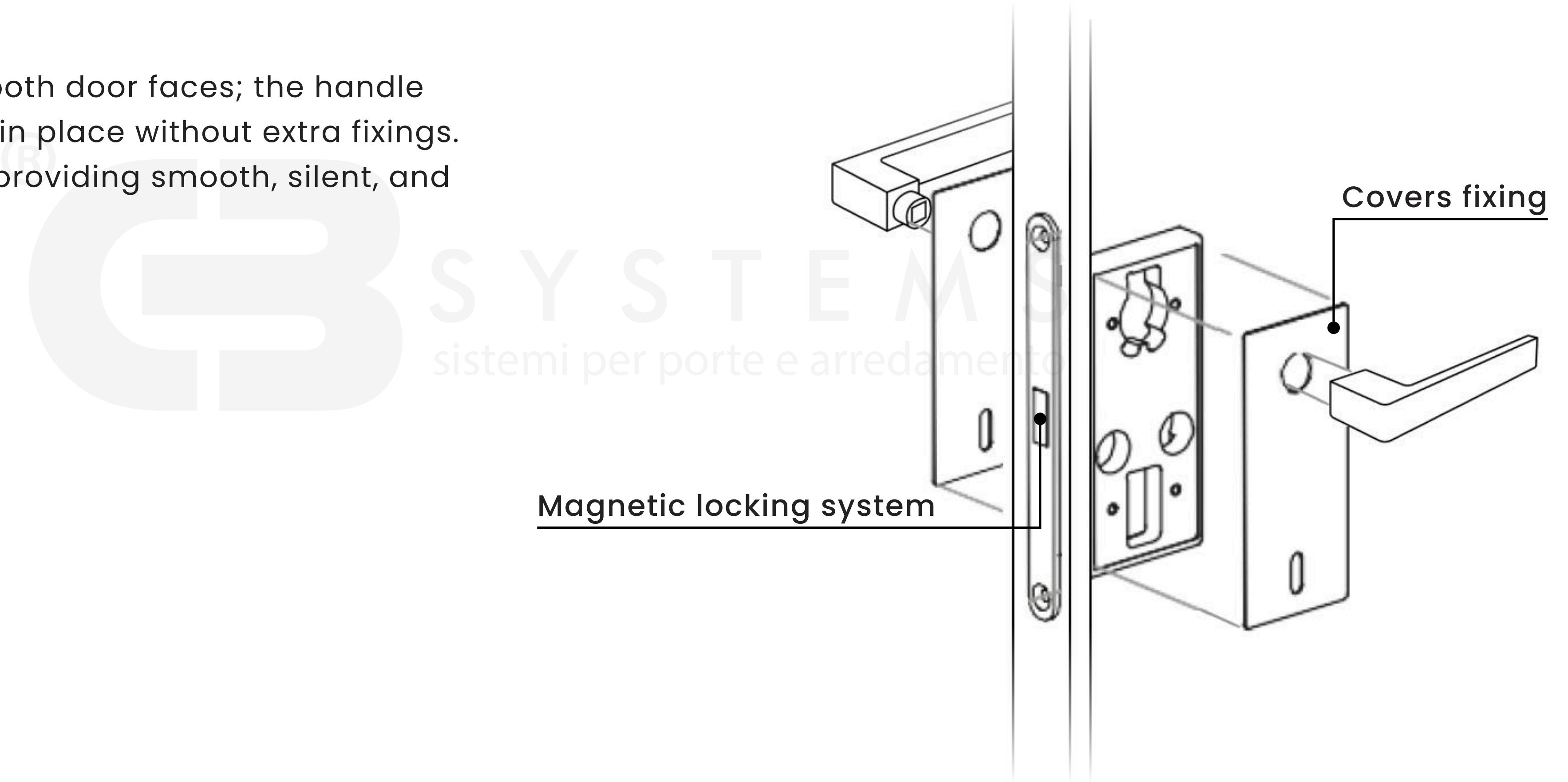


Elevation

# LOCK FIXING

## Magnetic Lock & Covers

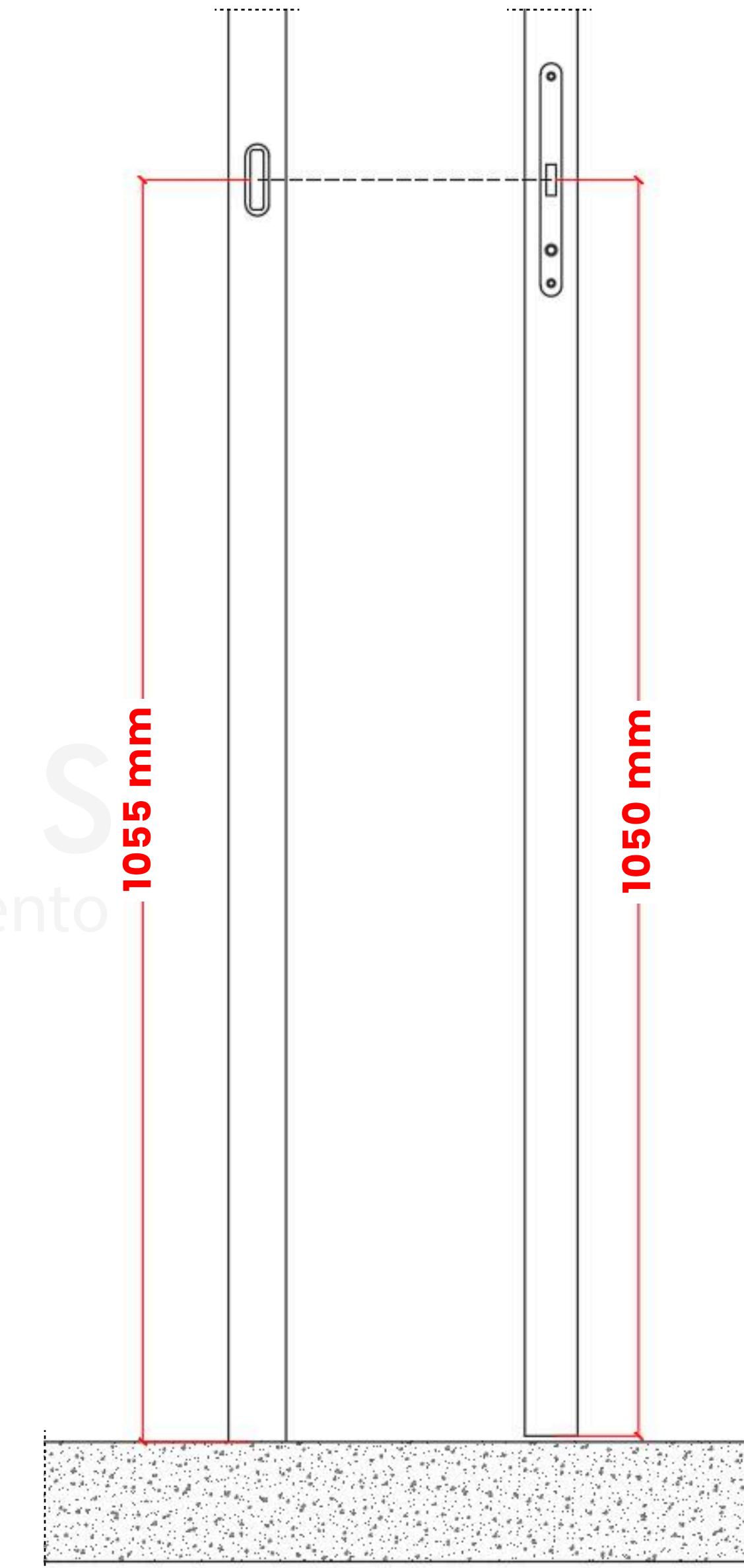
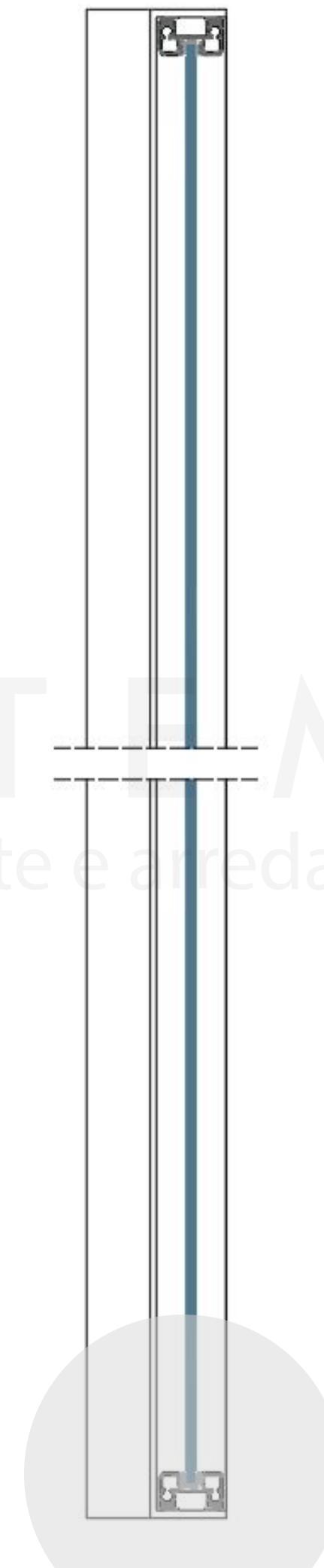
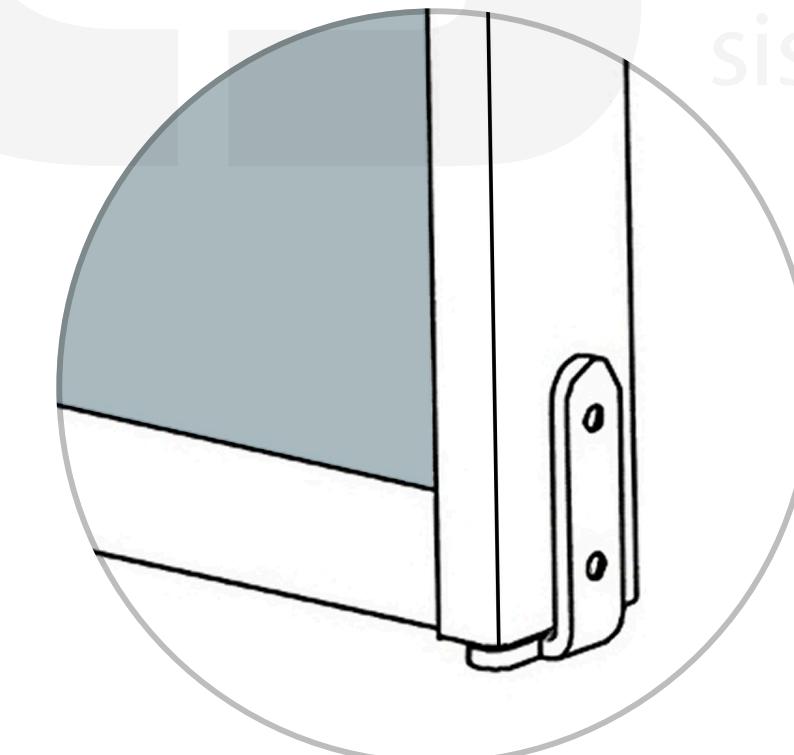
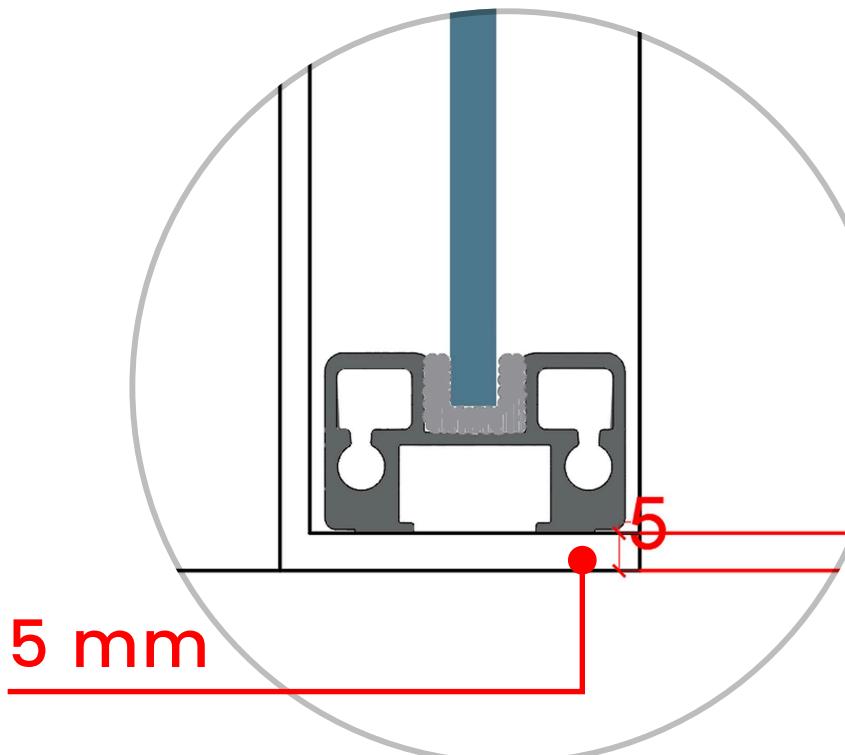
- Covers are applied from both door faces; the handle installation secures them in place without extra fixings.
- Magnetic locking system providing smooth, silent, and precise closure



# LOCK FIXING

## Lock & Strike Position

- The lock position on the door is set at 1050 mm, while the strike plate on the frame is positioned at 1055 mm.
- The 5 mm bottom clearance shown is required for proper recessed hinge installation.

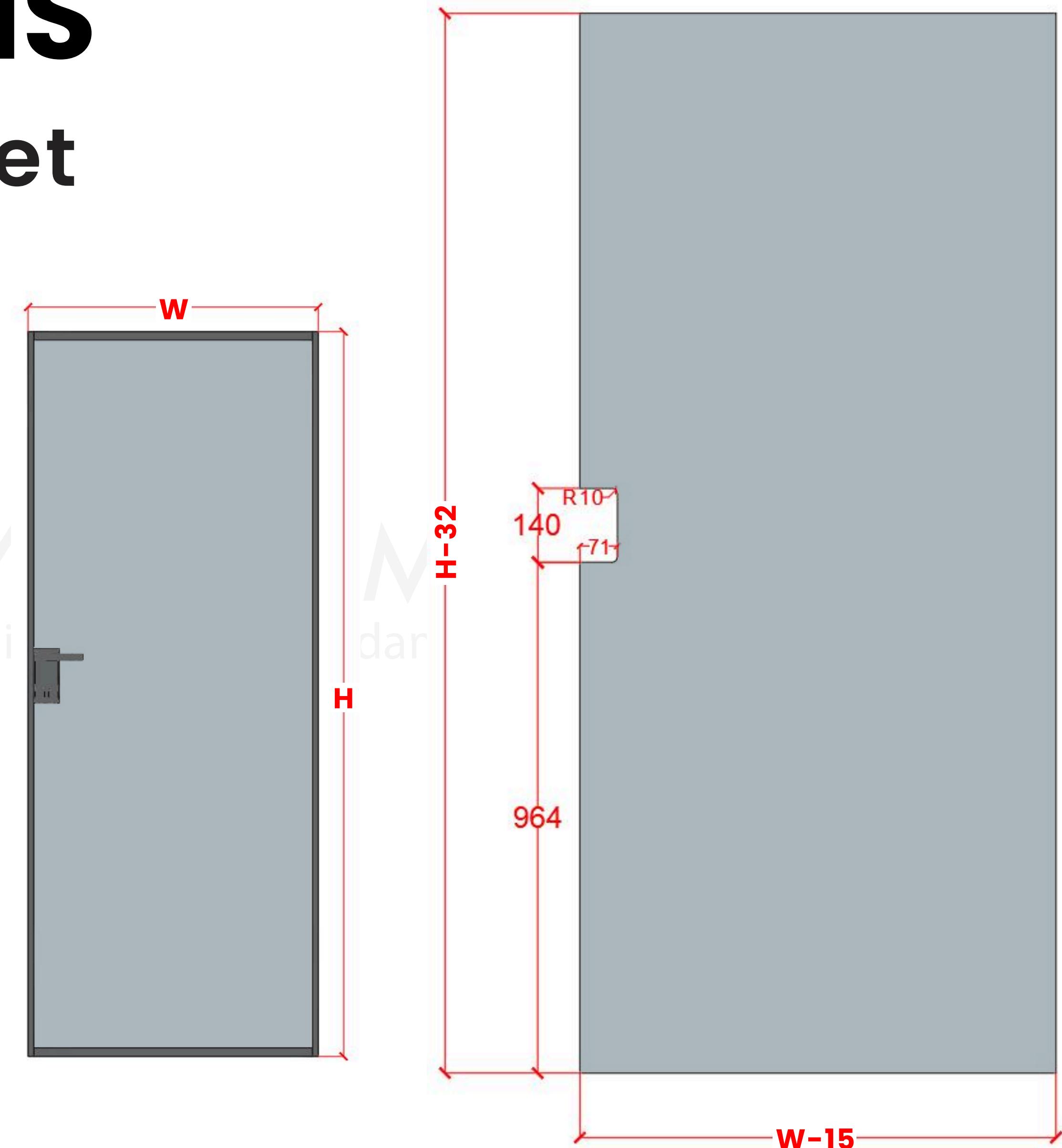




# GLASS DIMENSIONS

## Groove & Strike Alignment

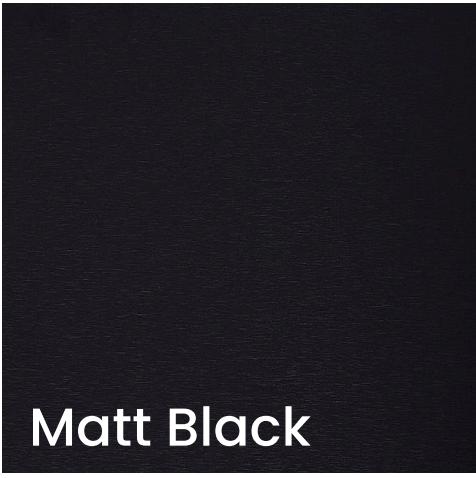
- Glass groove position for magnetic lock aligned with the center of the magnetic strike at 1055 mm from the floor (standard positioning).
- Download the Glass Groove Dimensions as a PDF by [clicking here](#) ↓



# DOOR SHUTTERS

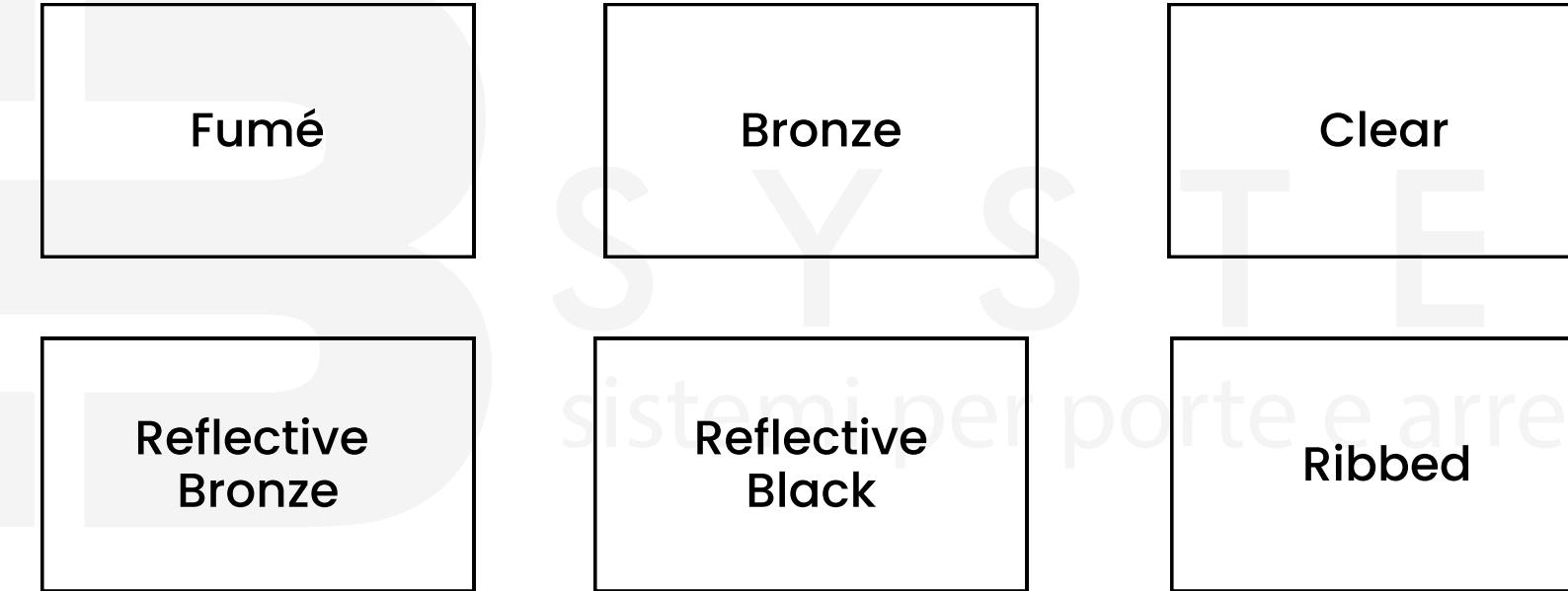
## Colors and Glass Selections

- Color Options



Matt Black

- Glass Options



Note: Glass 6 mm



**NATHALIUM**  
Elevating Spaces with Italian Precision

Doors

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