dormakaba

Contents

UNIQUIN Timber Door Frame System

Mounting instructions

WN 059548 45532 – 2018-03

EN

1 About this manual

1.1 Information about the manual

This manual describes the mounting of a UNIQUIN door frame system for a wooden door as part of a UNIQUIN partition wall system and provides maintenance and care information.
For the complete mounting of the UNIQUIN partition wall unit, further unit components and mounting instructions may be required according to the project-related unit drawing, e.g. for the mounting profile. The illustrated unit components and configurations are exemplary and do not show every possible mounting situation.

1.2 Other applicable documents

The following technical documents for the product should be noted:

- The project-related unit drawing
- The enclosed mounting instructions of the unit components
- The UNIQUIN system manual

1.3 Target group

The target group of these mounting instructions is qualified personnel specially trained in mounting glass.

1.4 Symbols used

1.4.1 Safety instructions

Safety instructions are marked with signal words. The safety instructions are introduced by symbols that express the extent of the hazard, e. g.:

WARNING

This signal word indicates a situation of potential risk, which could lead to death or serious injury if not averted.

CAUTION

This signal word indicates a situation of potential risk, which could lead to minor or slight injury if not averted.

ATTENTION

This signal word indicates a situation of potential risk, which could lead to damage to property or the environment if not averted.

TIPS AND RECOMMENDATIONS

This symbol indicates useful information for efficient and trouble-free operation.

1.4.2 Further labeling

1. 2.	Step-by-step graphics
1 2	Position numbers for parts in graphics

2 Safety

2.1 Intended use

The product is part of a UNIQUIN unit designed to install and operate a wooden door in a passage.
The product may only be mounted with unit components designed by dormakaba for the installation situation and approved according to the project-related unit drawing.

- The product may only be mounted undamaged and in accordance with the requirements of the assembly location.
- The product may only be mounted by qualified personnel who correspond to the defined target group.
- The product may only be used with a wooden door that corresponds to the thickness of the side panels.
- The product may only be attached to a surface capable of bearing loads using suitable fixing materials.
- A wooden door may only be mounted on the product with TECTUS TE 340 3D door hinges.
- The maximum door leaf weight is 80 kg.
- If necessary, the product is intended for use with an ITS 96 door closer only.
- The product is intended for use with a standard mortise lock.
- If necessary, the product is intended for the use of a drop-down seal.
- The product is only suitable for indoor use.
- The product is suitable for use in tropical countries.

2.2 Foreseeable misuse

WARNING

Danger to life due to falling glass.
Falling glass can lead to life-threatening injuries.
- Glass should not be suspended.
- Mount glass with at least 2 persons.
- Fix glass correctly.
- Follow mounting sequence.
- Clamping profiles on the base profile are not load-bearing.

- The product is not suitable for outdoor mounting.
- The product is not suitable for mounting in the vicinity of showers, saunas, swimming and brine bath or rooms in which chemicals (e.g. chlorine) are used.

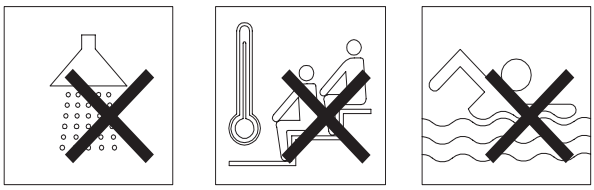

Fig. 1 Not suitable for showers, saunas, baths or salt-water baths

3 Product description

3.1 Example of a UNIQUIN unit

This UNIQUIN unit is an example of a UNIQUIN partition wall unit. Further combinations with other unit components, e.g. with an acoustic element, a door closer or a sliding door are possible.

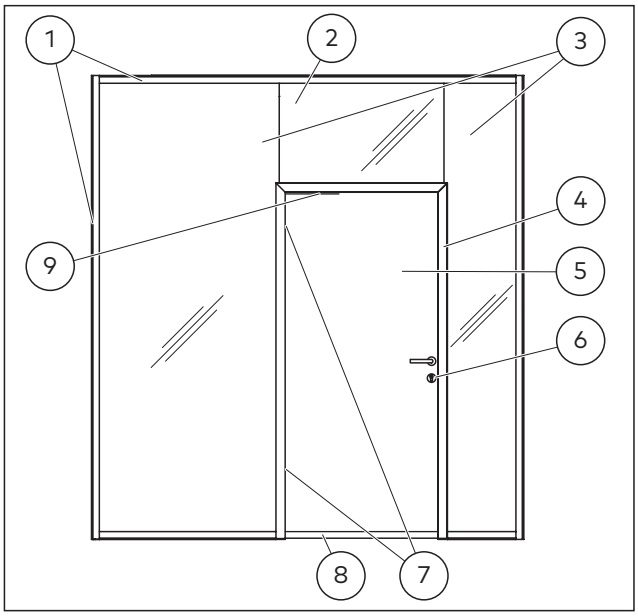

Fig. 2 Example of a UNIQUIN unit

1 Ground profile and end profile
2 Overpanel
3 Side panels
4 Door frame system
5 Wooden door
6 Lock with door handle set
7 Door hinges TECTUS TE 340 3D
8 Drop-down seal
9 Door closer ITS 96

3.2 Product variants

There are 2 product variants for use with different glass thicknesses, see Chapter 3.5.1.
There is a door frame adapter for the door frame's direct wall connection.
There is a fixed glazing adapter to connect the door frame to a mounting profile without glass.

3.3 Parts included

The delivery quantities and profile lengths vary depending on the product variant or the planned combination of the unit components. Glass is not included in the delivery from dormakaba.
The TECTUS door hinges are not included in delivery.
The drop-down seal is not included in delivery.

3.3.1 Door frame

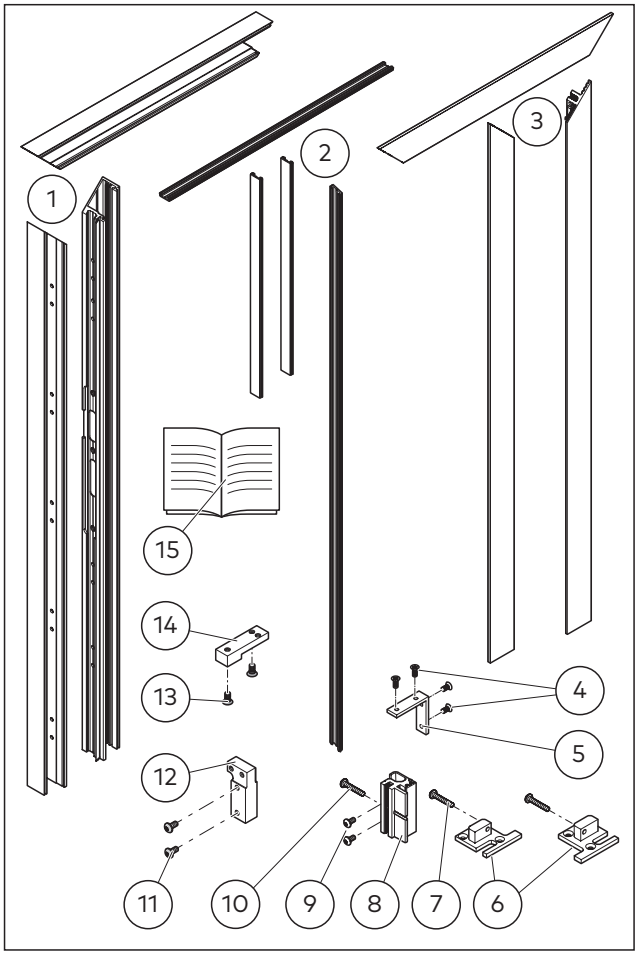

Fig. 3 Parts included for a door frame

1 Cover profiles for the door frame
2 Seals for the door frame
3 Base profiles for the door frame
4 Screws for the brackets
5 Brackets for the base profile
6 Door frame positioner
7 Screws for the door frame positioner
8 Fixer
9 Screws to fasten the cover profile
10 Screws to fasten the fixer
11 Screws for the door hinge mounting bracket
12 Mounting bracket for the door hinge
13 Screws for the slide rail mounting bracket
14 Mounting bracket for the slide rail
15 Mounting instructions

3.3.2 Accessory (optional)

- See TECTUS TE 340 3D hinges' mounting instructions.
- See standard mortise lock's mounting instructions.
- See the ITS 96 door closer's mounting instructions if necessary (optional)
- See the drop-down seal's mounting instructions if necessary (optional)

3.3.3 Adapter (optional)

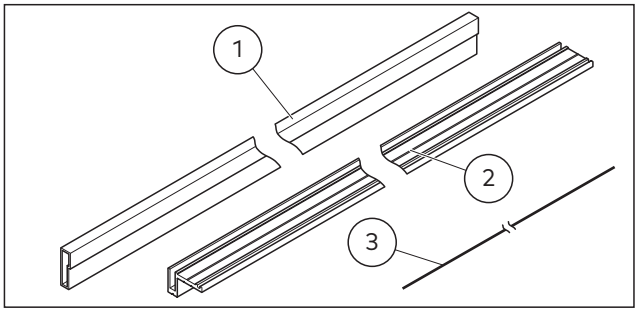

Fig. 4 Parts included for the adapters

1 Fixed glazing adapter (optional)
2 Door frame adapter (optional)
3 Seal for door frame adapter

3.4 Example of a mounted door frame

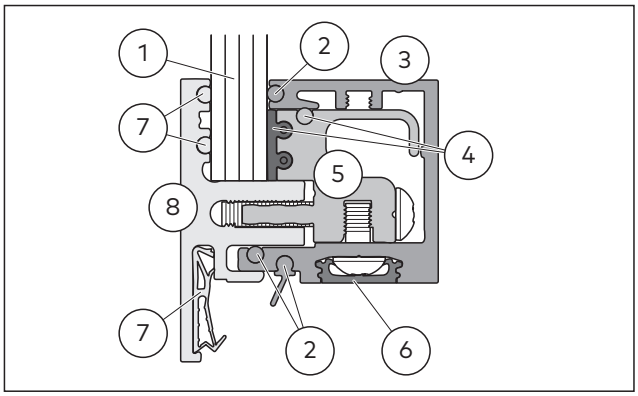

Fig. 5 Example of a mounted door frame

1 Side panel, e.g., glass
2 Silicone seals for the cover profile
3 Cover profile for the door frame (hinge side)
4 Silicone seal for the fixer
5 Silicone seal for the fixer (glass side)
6 Fixer
7 Silicone seal inside
8 Silicone seal for the gap between the door leaf and the frame
9 Silicone seal for the cover profile
10 Silicone seal for the door rebate
11 Base profile for the door frame (opposite side to the hinge)
12 Silicone seals for the base profile

3.4.1 Example of a mounted door frame positioner

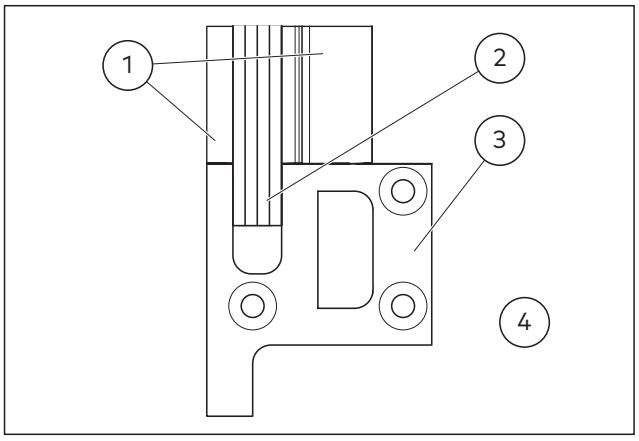

Fig. 6 Example of a mounted door frame positioner

1 Mounting profile horizontal on the ground
2 Side panel with glass bite 18 mm ± 1 mm, e.g., glass
3 Door frame positioner
4 Hinge side (inside)

3.4.2 Examples of installation situations

3.4.2.1 With side panels (overpanel not yet mounted)

WARNING

Danger to life due to falling glass.
Falling glass can lead to life-threatening injuries.
- Glass should not be suspended.
- Fix glass correctly.
- Follow mounting sequence.
- Clamping profiles on the base profile are not load-bearing.

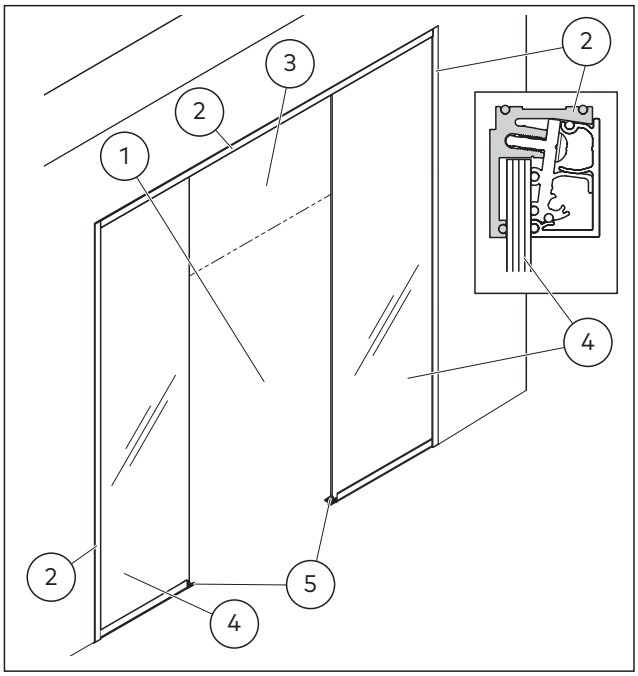

Fig. 7 Installation situation between glass elements and with planned overpanel as an example

1 Passage opening for a door frame with door
2 The mounting profile's base profile
3 Opening for a planned overpanel (may only be mounted on a load-bearing door frame, see Chapter 6.3)
4 Side panels, e.g. glass
5 Door frame positioner

3.4.2.2 With door frame adapters

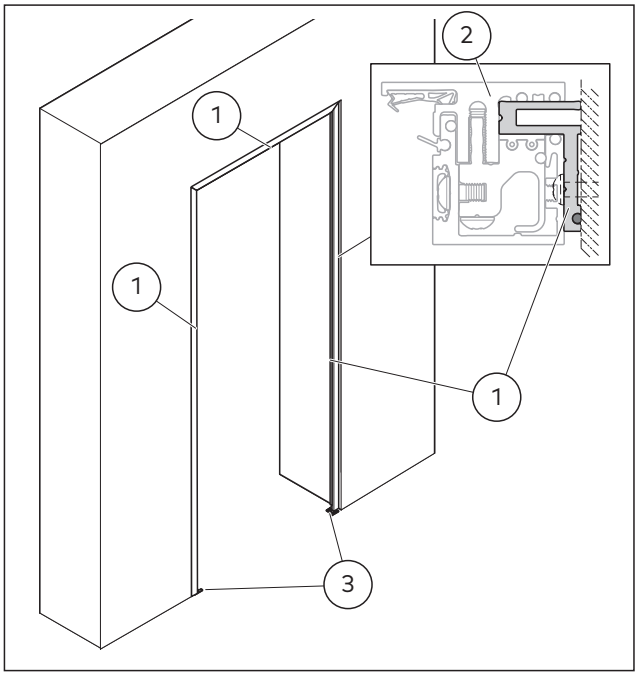

Fig. 8 Example of an installation situation with direct wall connection without mounting profile

1 Door frame adapter for mounting the door frame
2 Door frame
3 Door frame positioner

3.4.2.3 With mounting profile and fixed glazing adapter

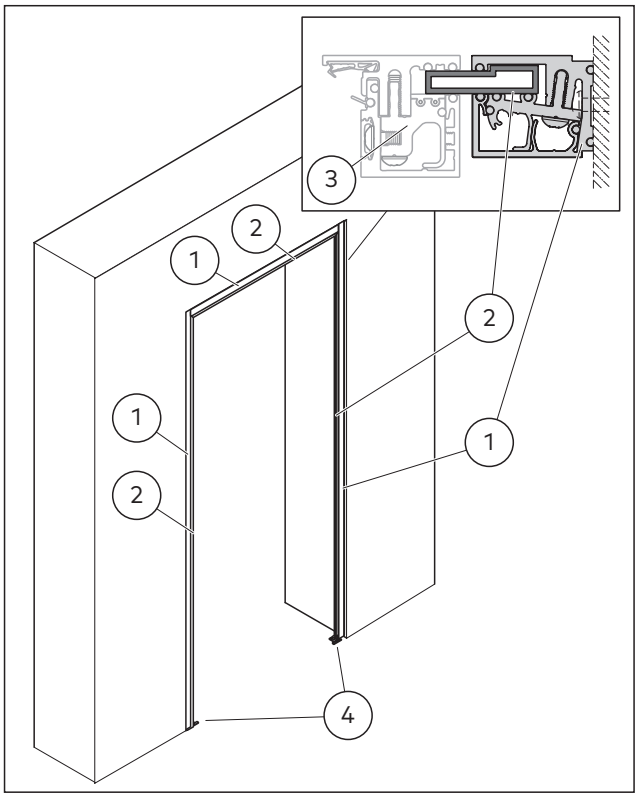

Fig. 9 Example of an installation situation with mounting profile and fixed glazing adapter

1 Mounting profile
2 Fixed glazing adapter for mounting the door frame
3 Door frame
4 Door frame positioner

3.4.3 Examples of mounted unit components

3.4.3.1 Mounted bracket for a door hinge

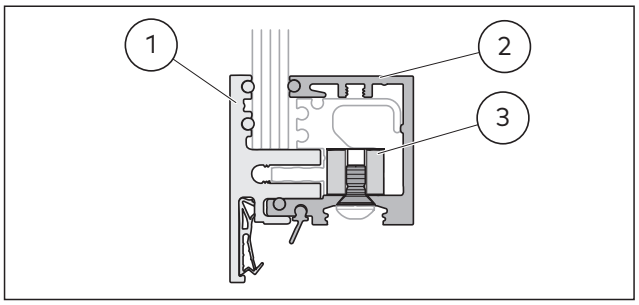

Fig. 10 Illustration of a mounted bracket for the door hinge TECTUS TE 340 3D

1 Base profile for the door frame
2 Cover profile for the door frame
3 Mounting bracket for a door hinge

3.4.3.2 Mounted door closer

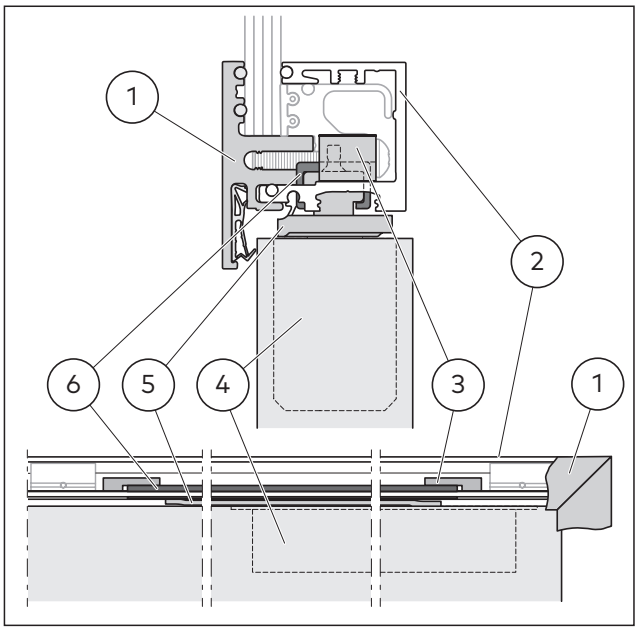

Fig. 11 Mounted slide rail for the door closer ITS 96

1 Base profile for the door frame
2 Cover profile for the door frame
3 Mounting brackets for the slide rail
4 Door closer in the wooden door
5 Door closer's arm
6 Door closer's slide rail

3.5 Technical data

3.5.1 Door frame profile

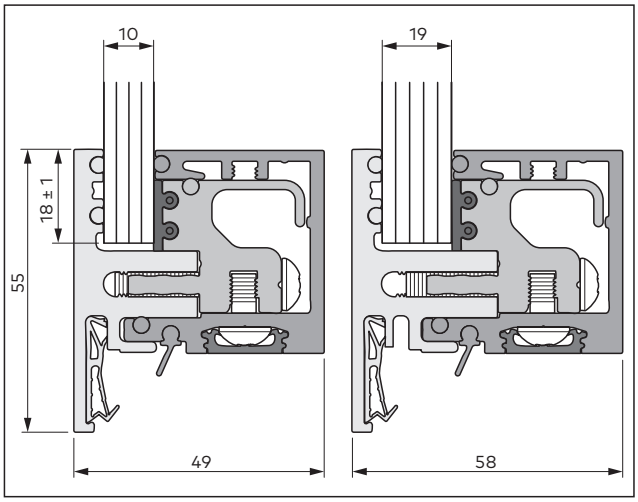

Fig. 12 Dimensions of the mounted door frame for side panels of 10 - 19 mm glass thickness

3.5.2 Door frame positioner

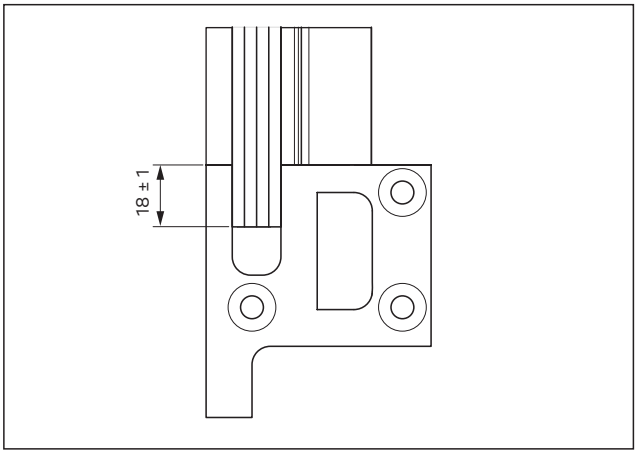

Fig. 13 Door frame positioner for floor mounting on the horizontal mounting profile

3.5.3 Door frame adapter

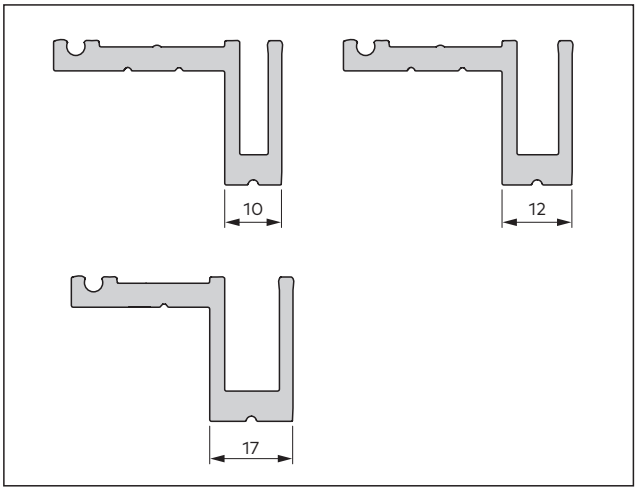

Fig. 14 Door frame adapter dimensions

3.5.4 Fixed glazing adapter

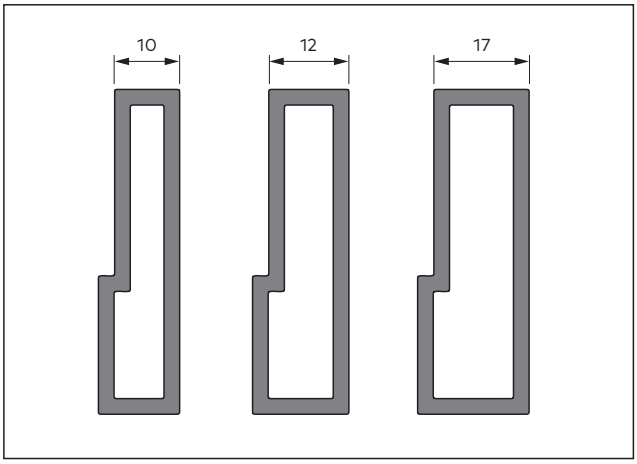

Fig. 15 Fixed glazing adapter dimensions

3.6 Clearances

The following clearances are to be observed during mounting:

- Glass bite in the door frame 18 mm ± 1 mm (Fig. 12)
- Between wooden door and door frame on both sides 3.5 mm ± 0.5 mm (Fig. 16)
- Between wooden door and finished floor level (FFL) 7 mm ± 1 mm (Fig. 16)

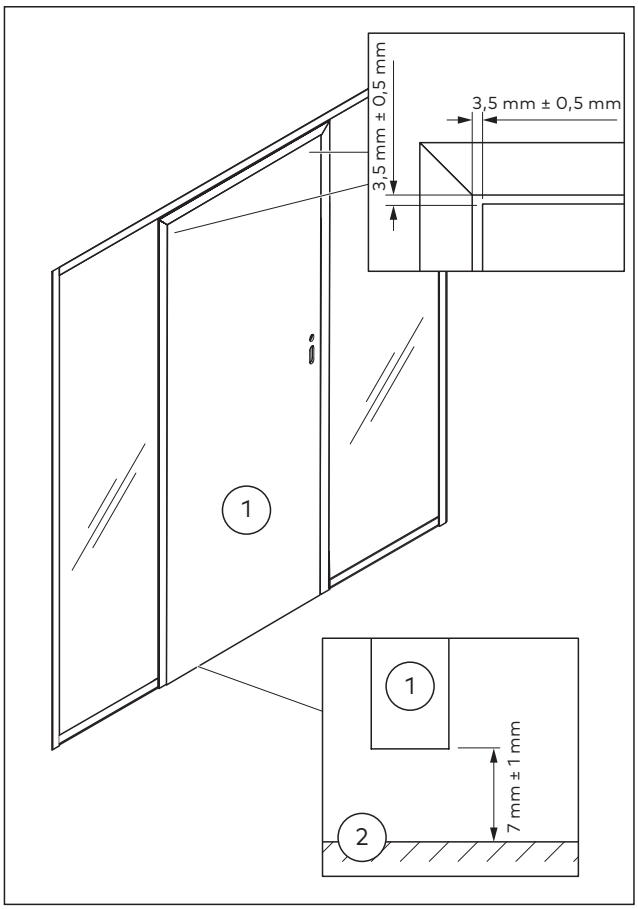

Fig. 16 Clearances in the door frame system

1 Wooden door
2 Finished floor level (FFL)

3.7 Maximum opening angle

- Max. opening angle 180° in an installation situation with base profile and fixed glazing adapters or in glass elements
- Max. opening angle 120° in an installation situation with door frame adapters
- Max. opening angle 120° in case of installation situation with door closer ITS 96

3.8 The wooden door's milled grooves (example for DIN right)

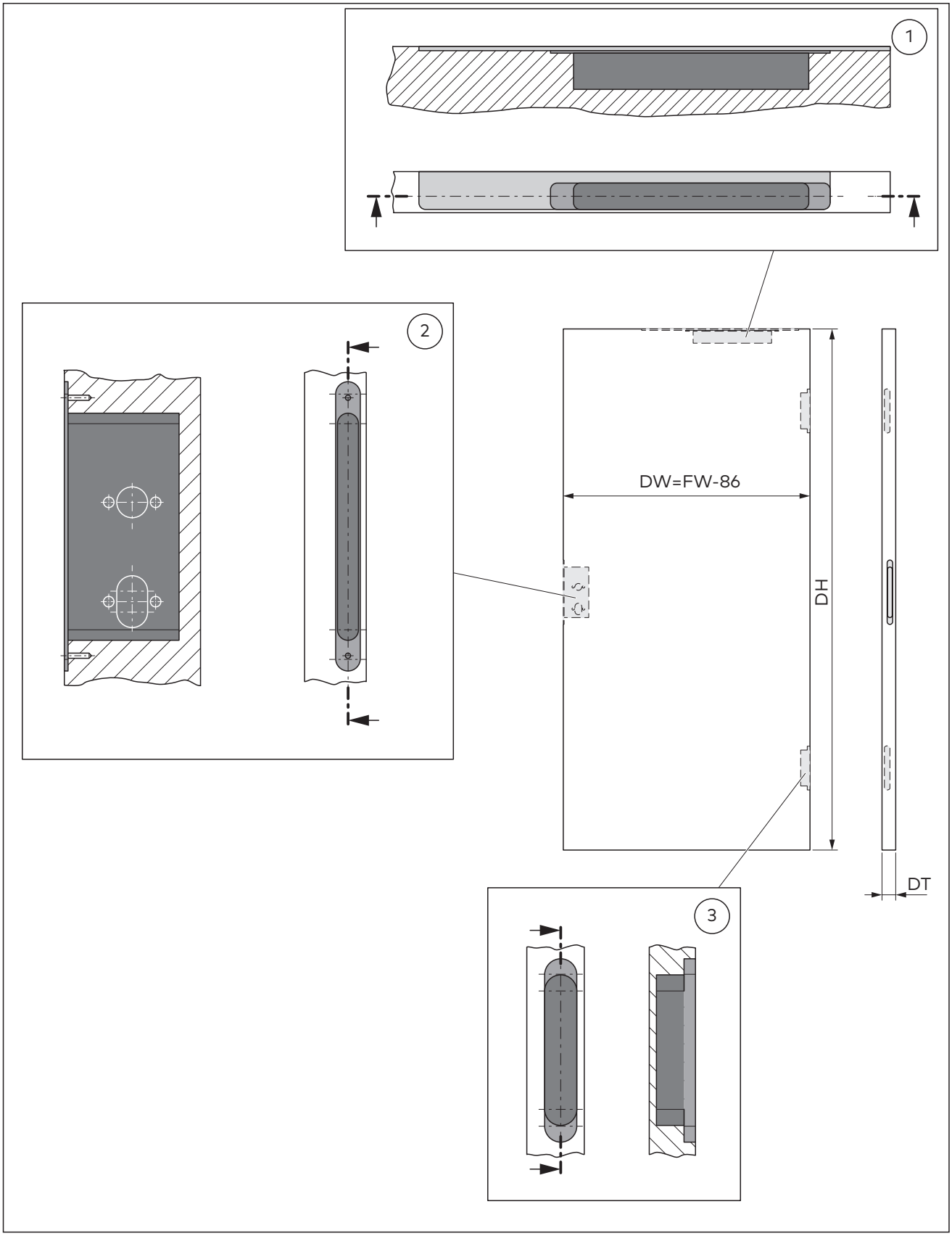

Fig. 17 Wooden door's milled grooves

1 Milled groove for the door closer ITS 96
2 Milled groove for a standard mortise lock
3 Milled groove for the door hinge TECTUS TS 340 3D

DW Door width
DT Door thickness from 40 to 50 mm
DH Door height
FW Door frame width

4 Storage and transport

CAUTION

Risk of injury due to heavy weight.
Lifting heavy components can result in injury.
- Lift the heavy components together with several persons or a suitable lifting device.

CAUTION

Risk of crushing and collision due to unsecured components.
Unsecured components can lead to crushing and impact injuries during transport.
- Wear personal protective equipment.
- Secure components adequately during transport.

ATTENTION

Risk of damage to the glass components by contact with hard materials (e.g. glass, metal, concrete).
The contact may cause conchoidal fractures, damage the edges and/or break the glass of the glass components.
- Protect glass edges with spacers.
- Do not install damaged glass components.

ATTENTION

Risk of damage during transport.
Unsecured components may be damaged during transport.
- Secure components adequately during transport.

5 Mounting preparation

CAUTION

Risk of injury from toppling objects.
Toppling unsecured components can cause injury.
- Wear personal protective equipment.
- Store and mount objects in a tilt-proof manner.

CAUTION

Risk of injury by crushing.
During mounting, high-weight shearing components can cause finger-crushing injuries.
- Wear protective gloves.

CAUTION

Risk of injury due to sharp edges.
Touching cut edges may result in cuts.
- Secure cut edges against contact.
- Wear protective gloves.
- Deburr cutting edges.
- Blunt edges, e.g. with silicone.

CAUTION

Risk of injury from broken glass during mounting.
Incorrect mounting can lead to broken glass and injuries.
- Secure the installation site.
- Carry out the mounting with at least 2 people.
- Wear protective clothing.
- Use vacuum lifting tool.
- Store glass on trestles or wooden blocks and ensure that it cannot fall.

CAUTION

Risk of injury due to insufficient unstable attachment.
The components must be fixed in a sufficiently stable manner. The clamping profiles on the base profile are not load-bearing.
- Only use components designed and approved by dormakaba according to the project-specific unit drawing.
- Only mount glass on load-bearing floor with wooden blocks.
- Do not suspend glass.
- A silicone joint for the floor attachment is insufficient.

TIPS AND RECOMMENDATIONS

Strict observance of the mounting sequence for all unit components is recommended.

5.1 Tools for mounting

- Straight and mitre saw
- Torx angle screwdriver
- Spirit level
- Hexagonal socket set
- Drilling machine
- Vacuum lifting tool
- Wooden blocks
- Torque wrench
- Knife or scissors
- Cordless hand drill

5.2 Mount door frame positioner

Requirements

- The mounting profiles may be mounted if necessary.
- The planned side panels are not yet mounted.

1. Mark the unit's alignment (Fig. 18) on the ground, e.g. with a chalk line.

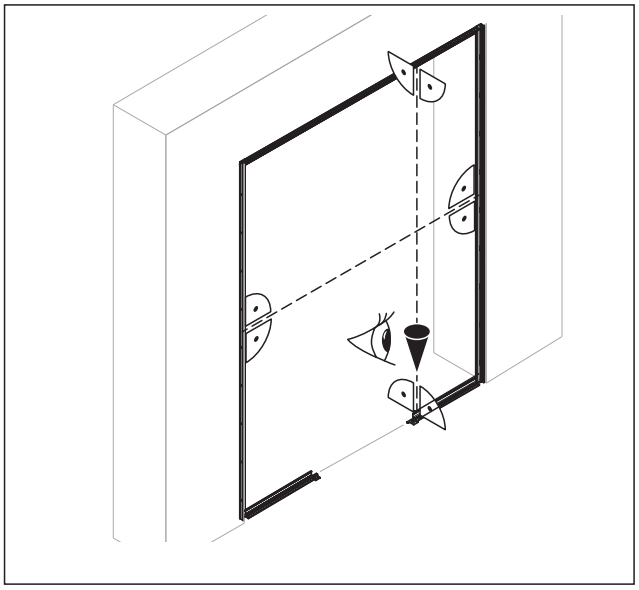

Fig. 18 Mark the unit alignment

2. Match the dimensions for the door frame's installation from the project-related unit drawing with the assembly location (Fig. 19).

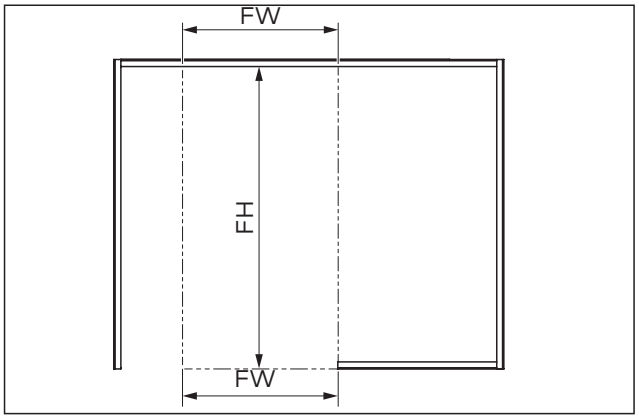

Fig. 19 Example of dimensions for installing the door frame at the assembly location

FW Door frame width
FH Door frame height

3. Align the door frame positioners according to the door frame width (FW) and flush with the unit's alignment on both sides of the passage opening (Fig. 20).

4. Align the door frame positioner horizontally at the same height.

5. Mark the drill holes of the door frame positioner on the ground.

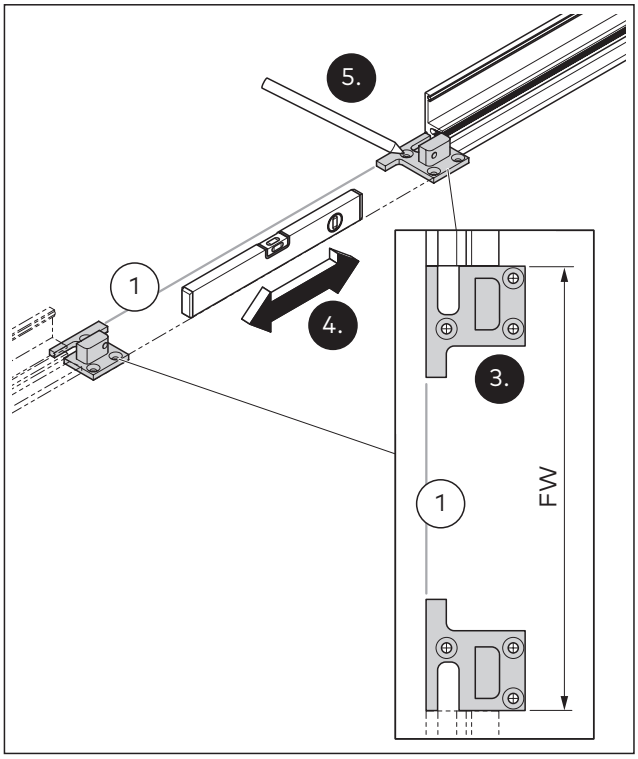

Fig. 20 Align the door frame positioners

1 Unit alignment
FW Door frame width

TIPS AND RECOMMENDATIONS

The holes in the door frame positioner have a diameter of 5 mm, the countersunk has a diameter of 10.4 mm.

6. Drill the holes as needed into the floor.
7. Install the required fixing materials in the drill holes, e.g. dowels.
8. If necessary, correct the unevenness in the ground properly, e.g. with underlay.
9. Align the door frame positioners (Fig. 21).
10. Secure the door frame positioners in all drill holes.

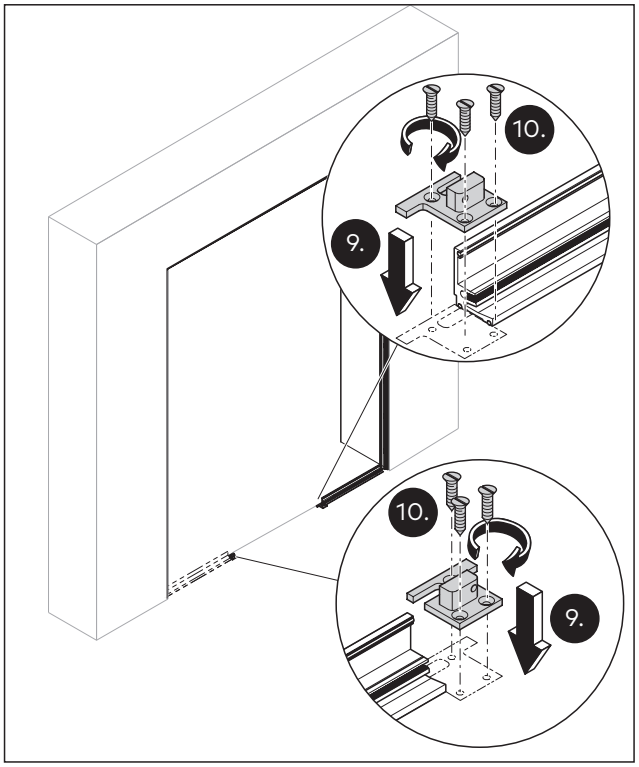

Fig. 21 Example of attaching the door frame positioner to a mounting profile from the viewpoint of the hinge side

11. If necessary, continue mounting the mounting profile's base profiles according to the mounting profile's mounting instructions.

→ **The door frame positioners are mounted.**

5.3 Prepare the passage opening at the assembly location

Requirements
- The door frame positioners are mounted.
- The planned side panels are not yet mounted.

1. If the door frame is to be mounted on side panels, mount the corresponding side panels according to the mounting instructions for the mounting profile.
2. Match the determined dimensions with the project-related unit drawing.
3. Make sure that the tolerances (see Chapter 3) are observed.
4. Make sure all parts are mounted parallel to each other.
5. Make sure parts are mounted on corner joints at 90° to each other.
6. Determine the dimensions for adapters that may be required.

→ **The passage opening at the assembly location has been prepared and tested.**

5.4 Attach silicon seals

1. Provide all profiles (see Chapter 3.4) with silicone seals before mounting (Fig. 22).

TIPS AND RECOMMENDATIONS

The inner silicone seals (Fig. 5, pos. 6) are only attached when mounting the cover profile for the door frame (Chapter 6.5) above the screws in the passage.

2. Cut the silicone seals to size as needed.

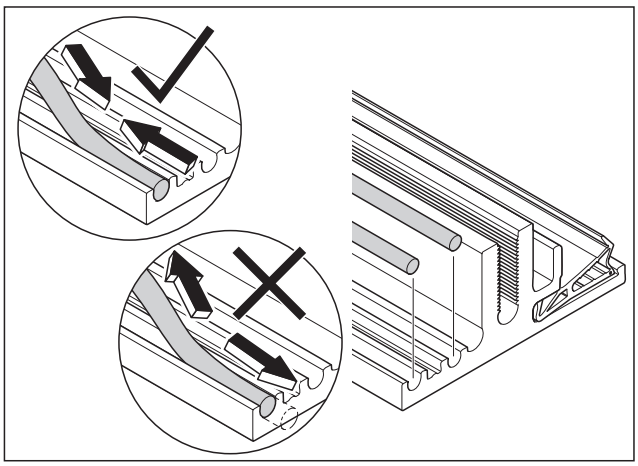

Fig. 22 Example of attaching silicone seals to a profile

→ **The silicon seals are attached**

5.5 Installation situations for the door frame mounting

Requirement
- The passage opening at the assembly location is prepared.

In order for the door frame to be mounted, one of the predefined installation situations (see Chapter 3.6) must be made possible on each side of the passage opening.

TIPS AND RECOMMENDATIONS

Combinations of different assembly locations in a passage opening are possible, e.g. side panel left, fixed glazing adapter top and door frame adapters right.

TIPS AND RECOMMENDATIONS

Fixed glazing adapters or door frame adapters always create an installation situation that corresponds to the installation situation with side panels, e.g. glass.

5.5.1 Cut adapter

Requirement
- The adapters are required.

TIPS AND RECOMMENDATIONS

If the adapters are to be mounted on corner joints, measure and cut the cut edges on a miter.

1. Follow the mounting profile's mounting instructions.
2. Mark the cutting marks on the appropriate adapters according to the dimensions determined at the assembly location.
3. Cut the adapters with a suitable metal saw at the cutting marks.
4. Deburr and blunt the cut edges without damaging the coating which is still visible after mounting.

→ **The adapters are cut as needed.**

5.5.2 Mount the fixed glazing adapter

Requirements
- The adapters are cut as needed.
- The fixed glazing adapters are required.

1. Position the fixed glazing adapters (Fig. 23).

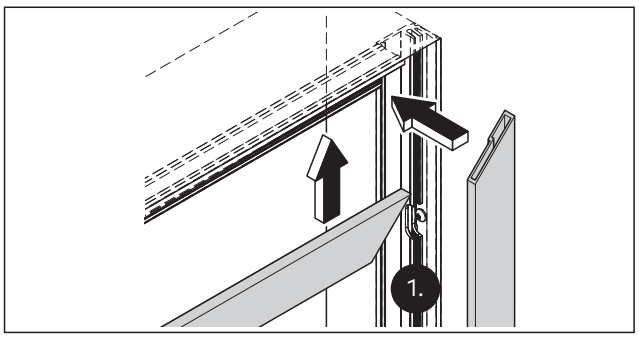

Fig. 23 Example of the fixed glazing adapter mounting on corner joint with miter

2. Fix the fixed glazing adapters with at least 3 clamping pieces per meter with a torque of 5 Nm (Fig. 24).

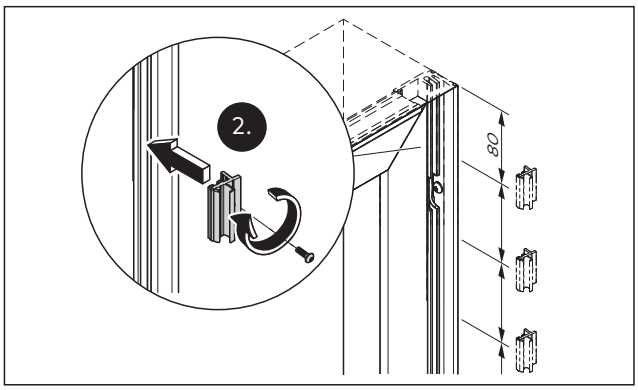

Fig. 24 Fix the fixed glazing adapter

→ **The fixed glazing adapters are mounted.**

5.5.3 Mount door frame adapters

Requirements
- The adapters are cut as needed.
- Door frame adapters are required.

1. Align the door frame adapter vertically in the passage according to the approval drawing (Fig. 25).
2. Mark all intended drill holes in the wall connection profile on the ground.

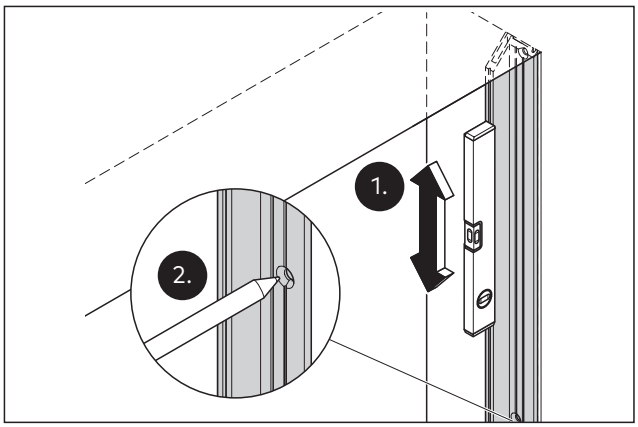

Fig. 25 Mark all of the door frame adapter's drill holes on the ground

TIPS AND RECOMMENDATIONS

The hole in the door frame adapter has a diameter of 6.5 mm, the countersink has a diameter of 12 mm.

3. Drill the holes in the ground.
4. Install the required fixing materials in the drill holes, e.g. dowels.
5. If necessary, underlay any unevenness in the floor.
6. Align the door frame adapter (Fig. 26).
7. Fix the door frame adapter to the drill holes.

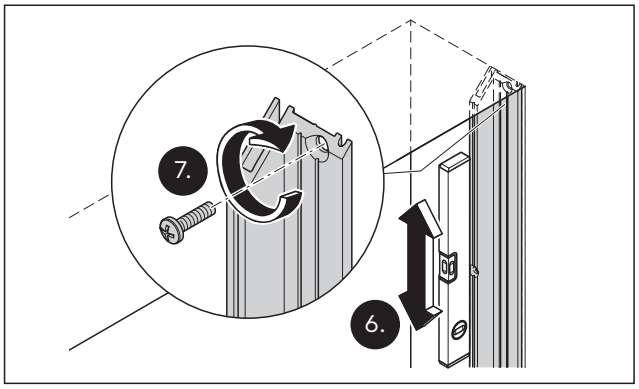

Fig. 26 Align and fix the door frame adapter

8. Mount all other door frame adapters accordingly.
9. If the sound insulation requirements are high, siliconize the profile edges and impact areas from the inside (Fig. 27).

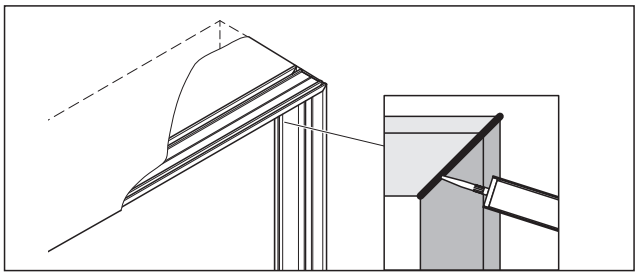

Fig. 27 Siliconize the profile edges and impact areas from the inside

→ **The door frame adapters are mounted.**

5.6 Check the woodwork

Make sure that the wooden door's woodwork is prepared for the planned components (see Chapter 3.8) e.g. door closer or door hinge.

6 Mounting

WARNING

Danger to life due to falling glass.
Falling glass can lead to life-threatening injuries.
- Glass should not be suspended.
- Mount glass with at least 2 persons.
- Fix glass correctly.
- Follow mounting sequence.
- Clamping profiles on the base profile are not load-bearing.

CAUTION

Risk of injury from toppling objects.
Toppling unsecured components can cause injury.
- Wear personal protective equipment.
- Store and mount objects in a tilt-proof manner.

CAUTION

Risk of injury by crushing.
During mounting, high-weight shearing components can cause finger-crushing injuries.
- Wear protective gloves.
- Lift glass with vacuum lifter and insert.

CAUTION

Risk of injury due to sharp edges.
Touching cut edges may result in cuts.
- Secure cut edges against contact.
- Wear protective gloves.
- Deburr cutting edges.
- Blunt edges, e.g. with silicone.

CAUTION

Risk of injury due to heavy weight.
Lifting heavy components can result in injury.
- Lift heavy components together with several people and with suitable lifting device.

CAUTION

Risk of injury from broken glass during mounting.
Incorrect mounting can lead to broken glass and injuries.
- Secure the installation site.
- Mount glass with at least 2 persons.
- Wear protective clothing.
- Use vacuum lifting tool.
- Store glass on trestles or wooden blocks and ensure that it cannot fall.

CAUTION

Risk of injury due to insufficient or unstable fixing.
The components must be fixed in a sufficiently stable manner. The clamping profiles on the base profile are not load-bearing.

- Only use components designed and approved by dormakaba according to the project-specific unit drawing.
- Only mount glass on load-bearing floor with wooden blocks.
- Do not suspend glass.
- A silicone joint for the floor attachment is insufficient.

TIPS AND RECOMMENDATIONS

Strict observance of the mounting sequence for all unit components is recommended.

TIPS AND RECOMMENDATIONS

When following the unit components' mounting sequence, it is recommended to mount the fixed elements from one side to the other, e.g. beginning on the wall and moving towards a door frame.

Requirement

- The mounting preparation is completed.

6.1 Pre-mount base profile for the door frame

1. Prepare the base profile for the door frame in the 90° bracket for pre-mounting (Fig. 28).

TIPS AND RECOMMENDATIONS

If a door closer is provided, the horizontal base profile for the door frame has a recess (see Chapter 6.4).

2. Place the brackets in the base profile's groove for the door frame.

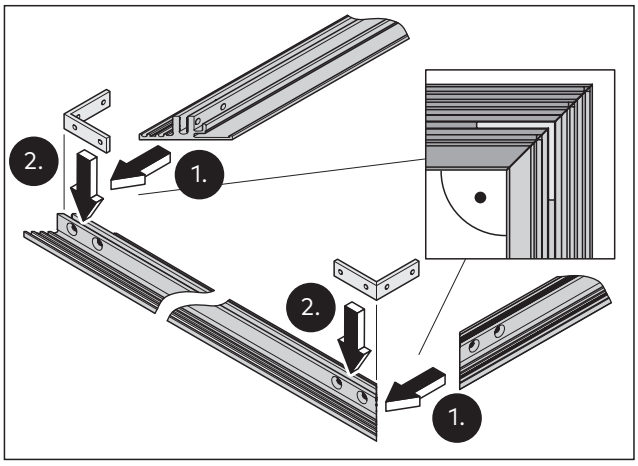

Fig. 28 Place the brackets in the base profile for the door frame

3. Make sure that the base profile's joints for the door frame on the outside meet the optical requirements.

4. Fix the brackets with the M5x10 screws in the base profile for the door frame using a hexagon socket wrench (Fig. 29).

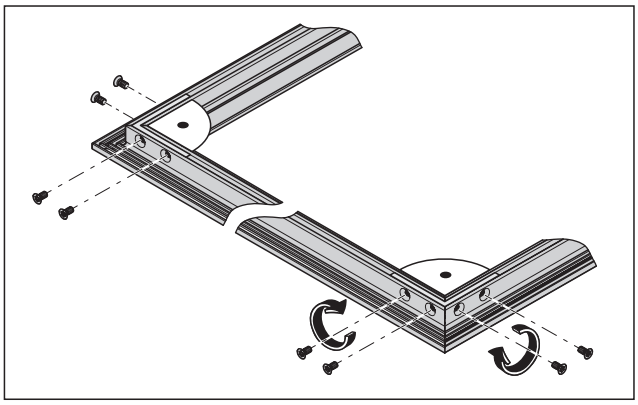

Fig. 29 Fix the brackets in the base profile for the door frame

TIPS AND RECOMMENDATIONS

- For silicone use a permanently elastic and UV-resistant silicone.
- Use an LSG-compatible silicone to siliconize LSG glazing.

5. When mounting in a soundproofing unit, siliconize all impact areas from the inside (Fig. 30).

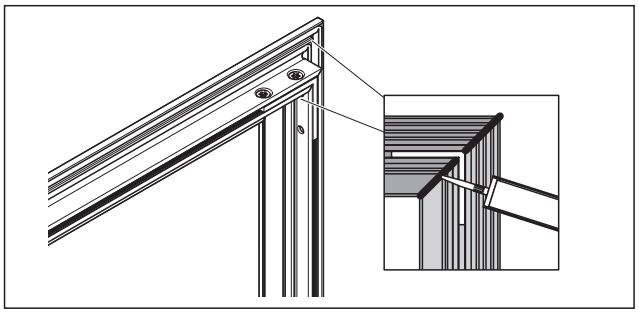

Fig. 30 Siliconize the impact areas from the inside

→ **The base profile for the door frame is pre-mounted.**

6.2 Mount base profile for the door frame

Requirement

- The base profile for the door frame is pre-mounted.

TIPS AND RECOMMENDATIONS

The following description shows an example of the installation situation between 2 side panels made of glass and under a fixed glazing adapter (see Fig. 15) on the ceiling (without overpanel).

1. Place the base profile for the door frame from the opposite side to the hinge into the passage opening (Fig. 31).
2. Align the base profile for the door frame.

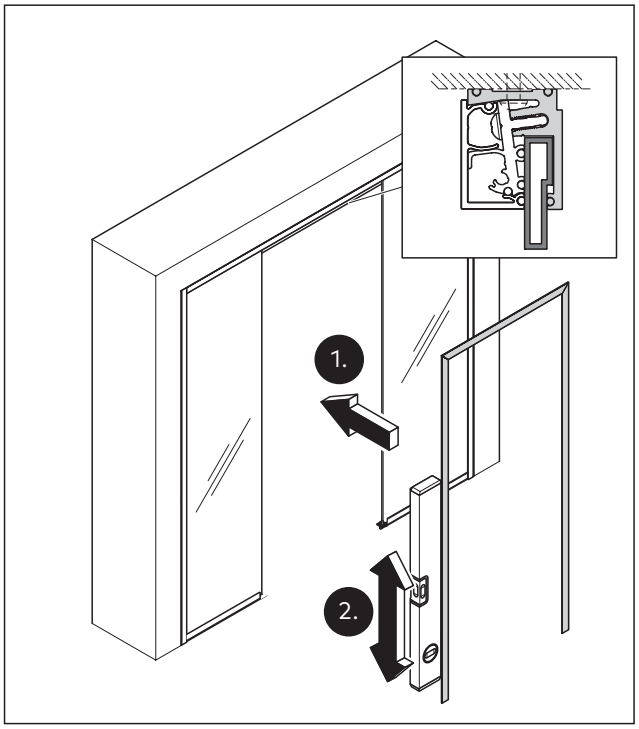

Fig. 31 Set the base profile for the door frame from the opposite side to the hinge into the passage opening

3. Keep the cover profiles for the door frame on the hinge side on the base profile for the door frame (Fig. 32).
4. Mark the position for all fixers based on the pre-drilled holes in the cover profiles for the door frame.

TIPS AND RECOMMENDATIONS

The fixer must be mounted just below the pre-drilled holes of the cover profiles for the door frame so that the cover profiles for the door frame can be fixed into the fixers with screws later.

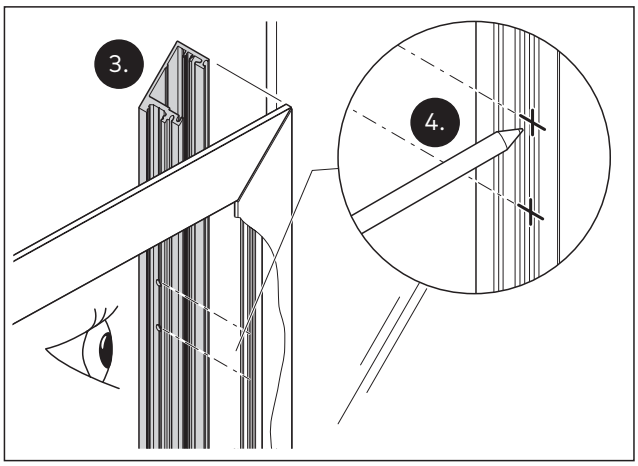

Fig. 32 Determine the position of the fixer from the viewpoint of the opposite side to the hinge

5. Mark the position for all TECTUS hinges by means of the milled grooves in the cover profile on the hinge side.
6. Align the base profile for the door frame.
7. Attach the fixers on the hinge side to the indicated position with a torque of 5 Nm (Fig. 33).

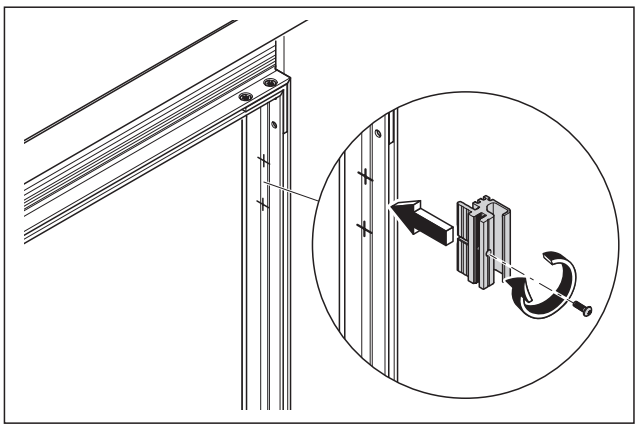

Fig. 33 Attach the fixers on the hinge side.

TIPS AND RECOMMENDATIONS

When mounted with a overpanel and without a fixed glazing adapter, the door frame is fixed horizontally above the overpanel mounting (see Chapter 6.3).

TIPS AND RECOMMENDATIONS

If a door closer is provided, the fixers are fixed next to the recess in the base profile for the door frame (see Fig. 39).

8. Fix the base profile for the door frame with the fixers horizontally at the top.
9. Connect the door frame with the door frame positioners (Fig. 34).

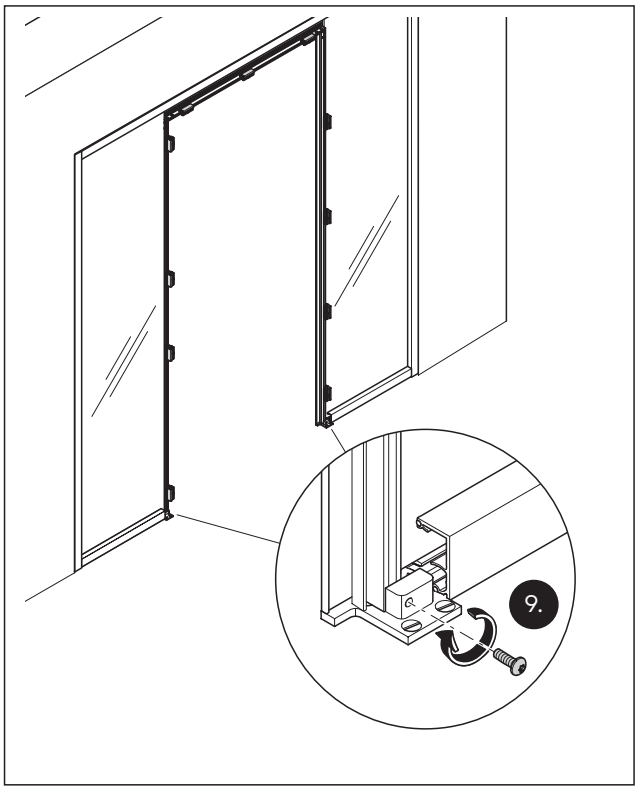

Fig. 34 Connect the base profile for the door frame with the door frame positioners

→ **The base profile for the door frame is pre-mounted.**

6.3 Mount overpanel (optional)

WARNING

Danger to life due to falling glass.
Falling glass can lead to life-threatening injuries.
- Glass should not be suspended.
- Mount glass with at least 2 persons.
- Fix glass correctly.
- Follow mounting sequence.
- Clamping profiles on the base profile are not load-bearing.

Requirements
- The base profiles for the door frame are mounted.
- The door frame is capable of bearing loads.

1. Attach the wooden blocks on the base profile for the door frame on the hinge side (Fig. 35).
2. Working in a pair and using a vacuum lifting tool, place the overpanel on the wooden blocks in the base profile for the door frame.

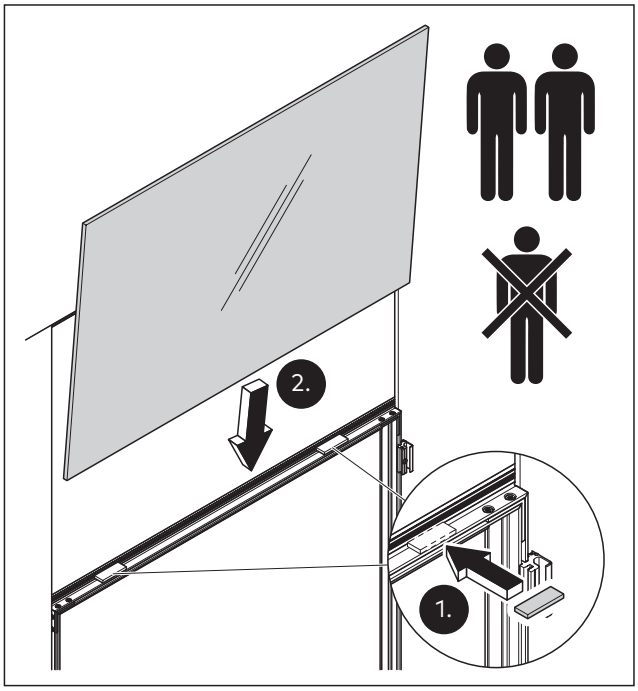

Fig. 35 Place the overpanel on the wooden blocks

3. Ensure the distance between overpanel and side panels with a spacer (Fig. 36).

4. Align the overpanel with the mounting profile and hold in position.

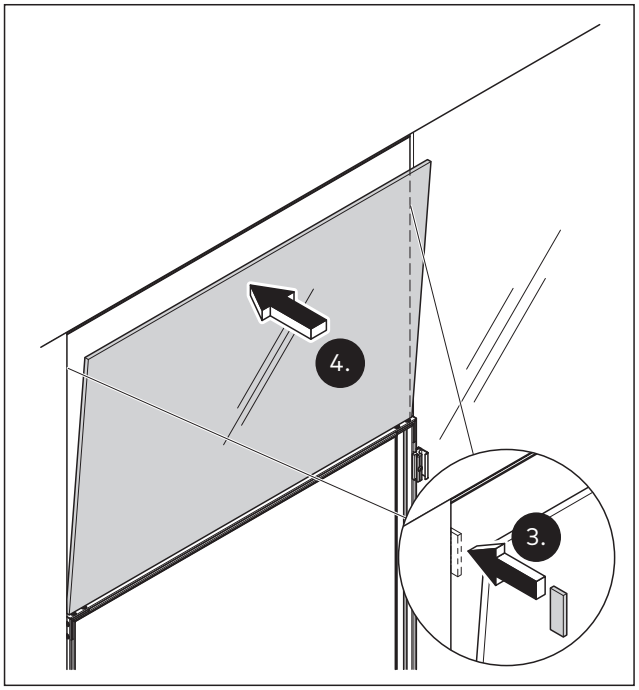

Fig. 36 Align the overpanel and hold in position

5. Attach and fix the clamping pieces in the horizontal mounting profile to the joint between the overpanel and the side panel (Fig. 37).

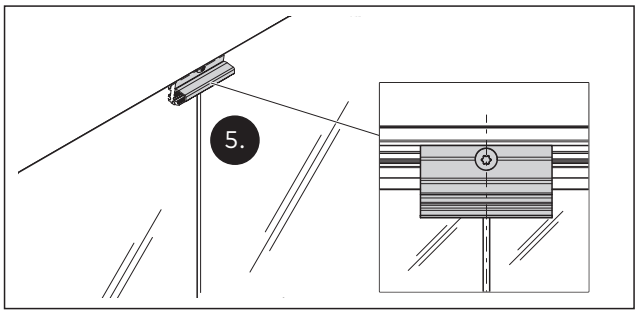

Fig. 37 The position of the glass clamping pieces on the joint between the overpanel and a side panel

6. Mount at least 3 clamping pieces per meter on the base profile of the mounting profile with a torque of 5 Nm (Fig. 38).

7. Mount at least 3 fixers per meter on the base profile of the door frame with a torque of 5 Nm.

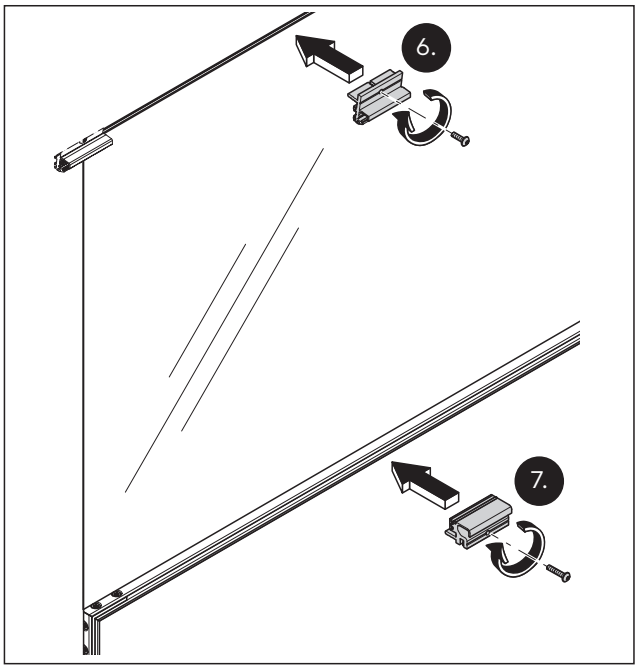

Fig. 38 Fix the overpanel horizontally to the base profile of the mounting profile (above) and to the base profile of the door frame (below)

8. Remove the vacuum lifting tool.

TIPS AND RECOMMENDATIONS

To meet the requirements of a sound insulation unit, it is imperative to siliconize the joints as described.

TIPS AND RECOMMENDATIONS

- For silicone use a permanently elastic and UV-resistant silicone.
- Use an LSG-compatible silicone to siliconize LSG glazing.

9. It is recommended to professionally siliconize the entire length of the joints between 2 glasses.

10. Mount the end profile above the overpanel according to the mounting instructions of the mounting profile.

→ **The overpanel is mounted.**

6.4 Pre-mount door closer (optional)

Requirement

- The base profile for the door frame is mounted.

1. Make sure that the milled groove in the cover profile for the door frame for mounting the slide rail has been prepared in the factory (Fig. 39).

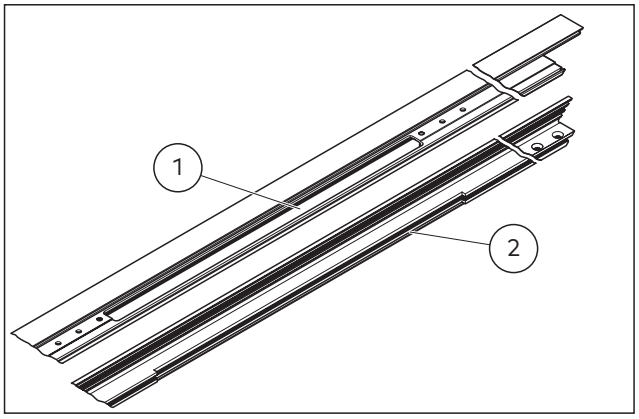

Fig. 39 The milled groove for mounting a slide rail

1 Milled groove for mounting the slide rail on the cover profile for the door frame
2 Milled groove for mounting the slide rail on the base profile for the door frame

2. Slide the mounting brackets for the slide rail into the cover profile for the frame (Fig. 40).
3. Screw the mounting brackets for the slide rail to the cover profile for the door frame.

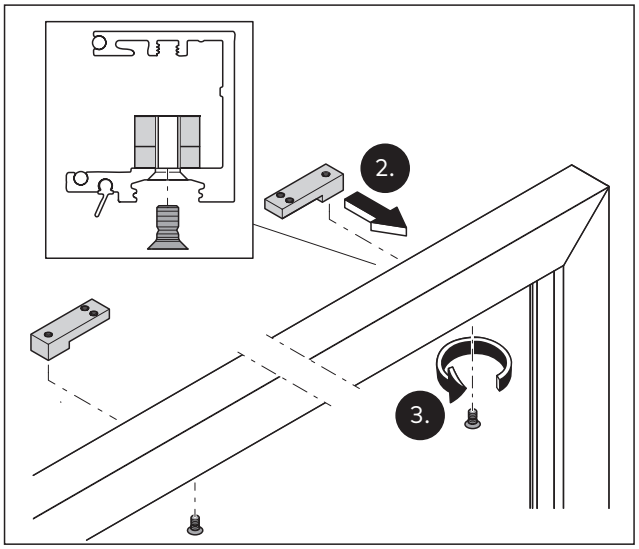

Fig. 40 Mount the brackets for the ITS 96's slide rail in the horizontal cover profile for the door frame

4. Attach the slide rail to the mounting brackets in the cover profile (Fig. 41).
5. Fix the slide rail to the mounting brackets in the cover profile.

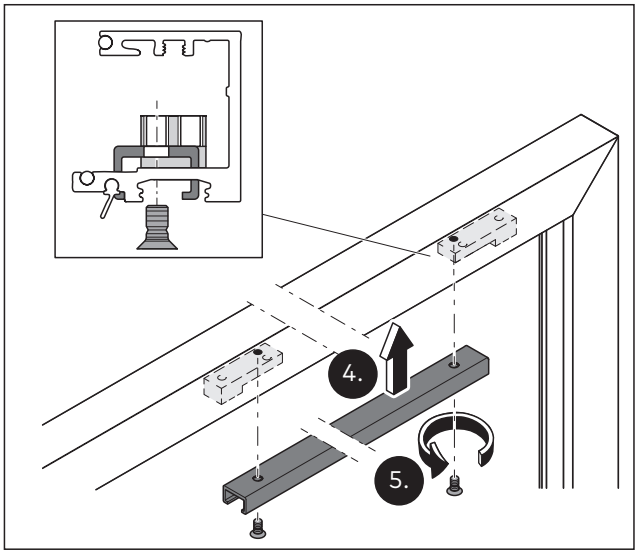

Fig. 41 Mount the brackets for the ITS 96's slide rail in the horizontal cover profile for the door frame

6. Mount the door closer in the wooden door according to the mounting instructions.

→ **The door closer is pre-mounted.**

6.5 Mount the cover profile for the door frame

Requirements

- The door closer is pre-mounted (optional).
- The overpanel is mounted (optional).
- The base profile for the door frame is mounted.

1. Position the mounting brackets for the TECTUS hinges in the intended position in the vertical cover profile for the door frame on the hinge side (Fig. 42).
2. Fix the mounting brackets for the TECTUS hinges in the vertical cover profile for the door frame.

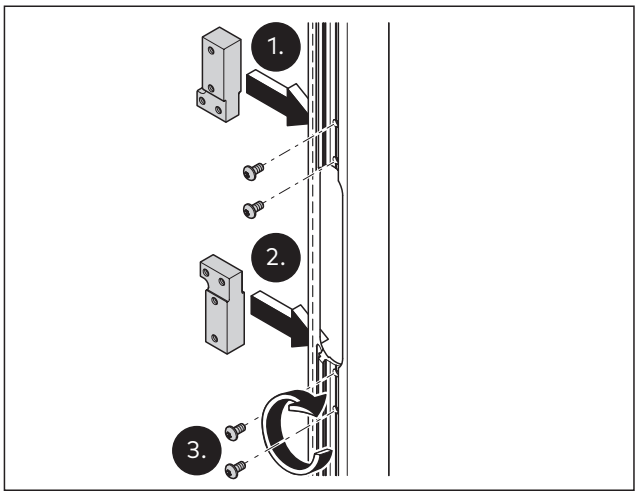

Fig. 42 Attach the mounting bracket for the TECTUS hinge on the hinge side in the milled groove.

3. Place and fix the vertical cover profile for the frame on the hinge side onto the basic profile.

TIPS AND RECOMMENDATIONS

If a drop-down seal is intended, a milled groove must be prepared on the cover profile for the door frame on the hinge side.

4. Attach and fix the horizontal cover profile for the door frame.

TIPS AND RECOMMENDATIONS

If a door closer is intended, then a slide rail must be mounted in the milled groove on the horizontal cover profile for the door frame.

5. Push on and fix the vertical cover profile for the door frame with the strike plate on the lock side (Fig. 43).

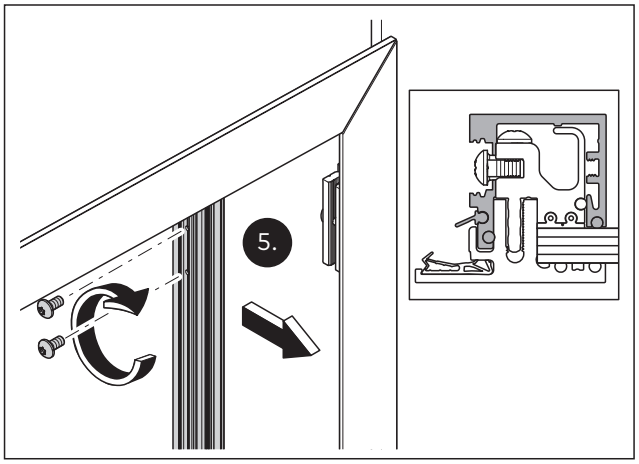

Fig. 43 Attach and fix the cover profiles for the door frame from the viewpoint of the opposite side to the hinge.

6. Attach the silicone seals over the screws (Fig. 44).

Fig. 44 Attach the inner silicone seals over the screws in the passage.

→ **The cover profile for the door frame is mounted.**

6.6 Mount wooden door

Requirement

- The cover profiles for the door frame are mounted.

1. Make sure that the local conditions at the assembly location do not affect the intended function of the door, e.g. for an escape door.

2. Position the door hinges on the mounting brackets for the TECTUS hinges according to the mounting instructions (Fig. 45).

3. Connect the door hinges with the mounting brackets for the TECTUS hinges in the door frame according to the mounting instructions.

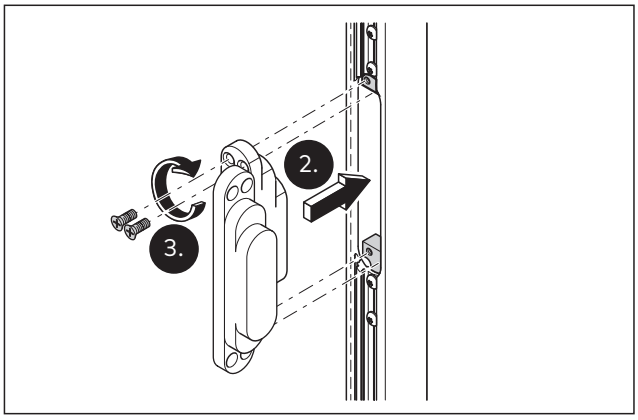

Fig. 45 Connect the TECTUS door hinge to the mounting brackets

4. Working in a pair, lift the wooden door and put it in the mounting position (Fig. 46).
5. Observe the clearance dimensions for the wooden door (see Chapter 3).
6. Connect the door hinges to the wooden door according to the mounting instructions.

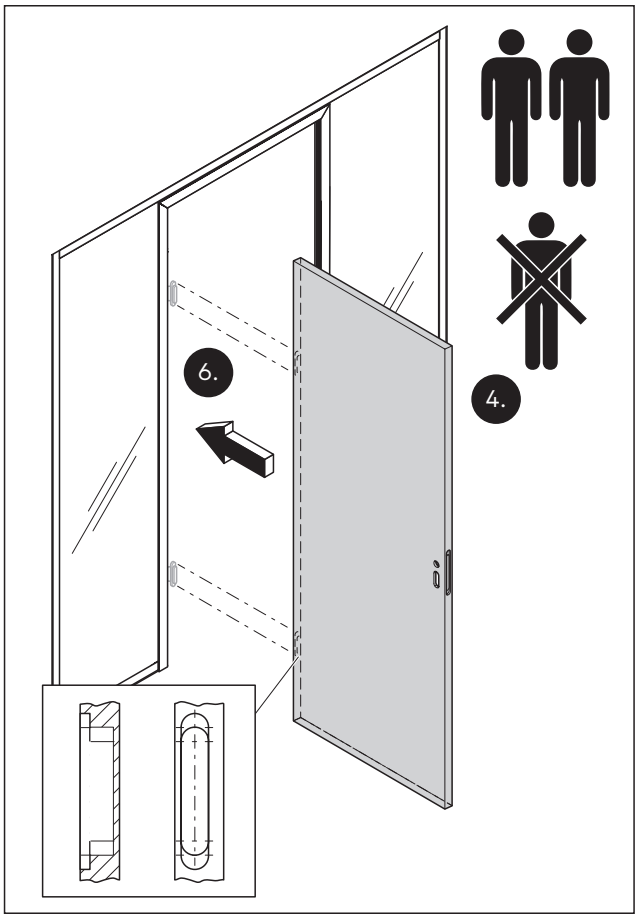

Fig. 46 Mount the wooden door with the TECTUS door hinges on the door frame

7. Observe the maximum opening angle (see Chapter 3.7).
8. Set a doorstop as needed.

TIPS AND RECOMMENDATIONS

It is recommended that a suitable doorstop is attached in such a way that the maximum opening angle of the wooden door cannot be reached.

9. Complete the mounting of the door closer according to the mounting instructions (optional).

→ **The wooden door is mounted.**

6.7 Mount the drop-down seal (optional)

Requirement

- The wooden door is mounted.

1. Mount the drop-down seal on the wooden door according to the mounting instructions.
2. Carry out a function test and, if necessary, adjust the drop-down seal according to the mounting instructions.

→ **The drop-down seal is mounted on the wooden door.**

6.8 Complete mounting

1. Mount the standard mortise lock and the door handle according to the corresponding mounting instructions.
2. Connect the door closer with the pre-mounted slide rail according to the mounting instructions and put into operation.
3. Mount further components according to the corresponding mounting instructions.
4. If necessary, complete the mounting of the mounting profile.
5. Carry out a functional test of the wooden door and, if necessary, adjust the door hinges according to the mounting instructions.
6. Follow the UNIQUIN system manual.

→ **The mounting of the door frame is completed.**

7 Maintenance and care

7.1 Maintenance instructions

The product is largely maintenance-free.

1. Observe the maintenance instructions for all unit components.
2. Follow the system manual.

7.2 Cleaning instructions

Only use suitable cleaning and care products to clean the surfaces.

8 Disassembly and disposal

Disassembly is carried out in the reverse order of the mounting instructions and must be done by qualified personnel. When disposing, observe the relevant national standards and guidelines.

Dispose of the product in an environmentally friendly manner.
Electrotechnical parts and batteries must not be disposed of with domestic waste.
Use designated acceptance collection points to dispose of electro-technical parts and batteries.
Observe the applicable national legal regulations.

013072 - Translation of the original manual, subject to change without notice

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