

UNIQUIN

Demountable wall system with glass panel door
(with wood door panel option)

Installation instructions

950001 – 04-2022

| EN |

dormakaba 

Table of contents

1	Technical specifications	3	3	Installation Instructions -	16
1.1	Overview - glass door specs	3		Door Frames and Transom Glass	
1.1.1	General information	3	3.1	Overall - glass door panel (option 1)	16
1.1.2	Intended use	3	3.2	Overall - wood door panel (option 2)	17
1.1.3	Glass requirements and fittings	3	3.3	Door frame parts	18
1.1.4	Safety instructions	3	3.4	ITS96 door closer parts	18
1.1.5	Symbols used - Safety/Installation	4	3.5	ITS96 door closer door prep - wood door only	19
1.1.6	Maintenance, care, repair	4	3.6	Door hinge parts - glass door	20
1.1.7	Storage and transport	4	3.7	Door hinge parts - wood door	20
1.1.8	Disposal	4	3.8	Door frame positioner parts	20
1.2	Overview - wood door specs	5	3.9	Mounting options	21
1.2.1	General information	5	3.10	Profiles for glass door panel size options	22
1.2.2	Intended use	5	3.11	Door frame adapter size options	22
1.2.3	Wood door requirements and fittings	5	3.12	Fixed glazing adapter size options	22
1.2.4	Safety instructions	5	3.13	Door frame clearances	23
1.2.5	Symbols used - Safety/Installation	6	3.14	Measure, cut and mount fixed glazing adapters and door frame adapters (only for applications with no transoms)	24
1.2.6	Maintenance, care, repair	6	3.15	Secure rubber seals	25
1.2.7	Storage and transport	6	3.16	Assemble door frame base profiles	25
1.2.8	Disposal	6	3.17	Secure door frame base profiles to glass	26
2	Installation instructions - Fixed Panel Mounting Profiles	7	3.18	Secure the door frame positioners	27
2.1	Overall	7	3.19	Secure the door hinges - glass door	28
2.2	Mounting profile parts	8	3.20	Secure door hinges - glass door (continued)	29
2.3	Joint mounting options	8	3.21	Securing the transom panel	29
2.4	Profiles for fixed glass panel size options	9	3.22	Pre-mounting ITS96 door closer	30
2.5	Determine profile measurements and cut	10	3.23	Secure cover profiles for door frame	31
2.6	Secure rubber seals	10	3.24	Mounting the glass door panel	32
2.7	Mount the base profiles - vertically	11	3.25	Mounting the wood door panel	33
2.8	Mount the base profiles - horizontally	12	3.26	Secure ITS96 arm to door	33
2.9	Secure the door frame positioners (for use with a pivot door only)	13	4	Accessories - Drop-Down Seal	34
2.10	Secure the fixed panels to the base profiles (single fixed panel)	14	4.1	Drop-down seal parts	34
2.11	Secure the fixed panels edge to edge (multiple fixed panels)	15	4.2	Drop-down seal technical specifications	34
			4.3	Align the drop-down seal	35
			4.4	Replace milled cover profile (if necessary)	35
			4.5	Mounting the drop-down seal	36
			4.6	Setting drop-down seal height	37
			5	Accessories - handle/pull	37
			5.1	Mounting the handle/pull	37
			5.2	Mounting acoustic element	37

1 Technical specifications

1.1 Overview - glass door specs

This instruction describes the mounting of a UNIQUIN partition wall system and includes maintenance and care information.

1. Ceiling mount - glass door

1.1.1 General information

- dormakaba requires use of tempered monolithic or tempered laminated glass.
- This product is only suitable for indoor use.
- This product is not suitable for outdoor mounting.
- dormakaba glass hardware is suitable for application in rooms where chemicals (e.g. chlorine) are used as indoor swimming pools, saunas or salt-water pools.
- Do not close doors with excessive force.

1.1.2 Intended use

The product is part of a UNIQUIN unit designed to install and operate a glass 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.

1.1.3 Glass requirements and fittings

- Mounting components must meet the requirements of substructure/wall and door weight. Please read the technical information for fittings.
- dormakaba requires use of fully tempered glass, which complies with ASTM C 1036 and ASTM C 1048. Secondary heat soaking processes are optional but not required. This applies to both tempered monolithic and tempered laminated glass.
- The substructure/wall must be able to bear permanent loads, and be level and plumb (max. tolerance: 1/16" [2] per 39" [1m]).
- Fasteners must be sufficiently dimensioned for the substructure/wall and weight of the door.
- In general it is recommended to use appropriate fasteners for mounting surface which the base profile is being secured to. The head of the screw cannot project above the 'base shelf' area of the profile where the glass rests for installation.
- When adjusting glass components, always stick to the required clearance for the respective hardware. Adjust clearance so glass does not come in contact with any hard surfaces such as glass, metal or concrete.

- Do not use excessive force when installing the glass (avoid over tightening screws). Torque wrench is required.
- Clamping area must be flat and uncoated (no self-cleaning coating!)
- Never use glass with conchoidal fractures and/or damaged edges.
- A silicone joint for the floor attachment is insufficient.

1.1.4 Safety instructions

- Installation requires two or more people.
- Only properly qualified and specially trained staff are authorized to mount dormakaba glass hardware.
- The use of composites must be checked by the designer or contractor and the stability assured.
- Due to crushing hazards and possible injury caused by breakage of glass during mounting, corresponding protective clothing (especially gloves and protective goggles) is required.
- Risk of breaking glass. When installing the door, support the door panel with a block of wood or similar object.
- Glass should not be suspended.
- Follow the mounting sequence.
- Never clamp metal fitting hardware directly to glass surface.
- Clamping profiles on the base profile are not horizontally load-bearing.
- It is recommended that, when following the mounting sequence of the unit components, the fixed elements should be mounted from one side to the other, for example beginning on the wall side and moving towards a door frame.
- Risk of damage due to eccentric vertical load:
 - » Attaching eccentric vertical loads to the product can cause damage.
 - » DO NOT attach any eccentric vertical loads to the product, for example by building shelves.
- Risk of injury from falling to a lower floor:
 - » The failure of the unit, for example through broken glass, can lead to a personal injury, as people could fall onto a lower floor.
 - » The unit must not be installed for use as fall protection in places where there is a risk of falling to a lower floor.

- Risk of injury due to sharp edges of glass.
 - » Contact with cut edges can lead to cuts.
 - » Wear protection gloves.
 - » Deburr cutting edges.
 - » Blunt the cut edges, for example with silicone.
 - » Secure cut edges against contact.

1.1.5 **Symbols used - Safety/Installation**



CAUTION

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



WARNING

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



TIPS AND RECOMMENDATIONS

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



ATTENTION

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

1.1.6 **Maintenance, care, repair**

- Immediately replace damaged parts.
- Always use original dormakaba parts.
- Clean clamping area with alcohol-based standard commercial cleaning agent before mounting the glass hardware.
- Use a damp cloth for occasional cleaning, especially the track.
- Always use silicone - and oil-free cleaners (e.g. acetone).

- Check glass hardware at regular intervals for proper positioning, smooth operation, and correct adjustment.
- High traffic door systems require inspection by properly qualified staff (specialized companies or installation firms.)

1.1.7 **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 or 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 (for example 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.

1.1.8 **Disposal**

Disposal in accordance with local, state and national regulations.

1.2 Overview - wood door specs

This instruction describes the mounting of a UNIQUIN partition wall system and includes maintenance and care information.

1. Ceiling mount - wood door

1.2.1 General information

- This product is only suitable for indoor use.
- The product is suitable for use in tropical countries.
- This product is not suitable for outdoor mounting.
- dormakaba glass hardware is suitable for application in rooms where chemicals (e.g. chlorine) are used as indoor swimming pools, saunas or salt-water pools.
- Do not close doors with excessive force.

1.2.2 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 wood door, wood door hinge, and strike provided by others.

- The product may only be mounted undamaged and in accordance with the requirements of the assembly location.
- If necessary, the product is intended for use with an ITS 96 door closer ONLY.
- The product is intended for use with a lock provided by the wood door supplier and installed onsite.
- The product can be used with a drop down seal provided by the door supplier. Coordinate installation with the door vendor.

1.2.3 Wood door requirements and fittings

- Mounting components must meet the requirements of substructure/wall and door weight. Please read the technical information for fittings.
- The substructure/wall must be able to bear permanent loads, and be level and plumb (max. tolerance: 1/16" [2] per 39" [1m]).
- A wooden door may only be mounted on the product TECTUS TE 340 3D door hinges.
- Maximum door leaf weight is 175 lb [80 kg]
- In general it is recommended to use appropriate fasteners for mounting surface which the base profile is being secured to. The head of the screw cannot project above the 'base shelf' area of the profile where the glass rests for installation.

1.2.4 Safety instructions

- Installation requires two or more people.
- 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 use of composites must be checked by the designer or contractor and the stability assured.
- Due to crushing hazards and possible injury caused by breakage of glass during mounting, corresponding protective clothing (especially gloves and protective goggles) is required.
- Risk of breaking glass. When installing the door, support the door panel with a block of wood or similar object.
- Glass should not be suspended.
- Follow the mounting sequence.
- Clamping profiles on the base profile are not horizontally load-bearing.
- It is recommended that, when following the mounting sequence of the unit components, the fixed elements should be mounted from one side to the other, for example beginning on the wall side and moving towards a door frame.
- Risk of damage due to eccentric vertical load:
 - » Attaching eccentric vertical loads to the product can cause damage.
 - » DO NOT attach any eccentric vertical loads to the product, for example by building shelves.
- Risk of injury from falling to a lower floor:
 - » The failure of the unit, for example through broken glass, can lead to a personal injury, as people could fall onto a lower floor.
 - » The unit must not be installed for use as fall protection in places where there is a risk of falling to a lower floor.
- Risk of injury due to sharp edges of glass.
 - » Contact with cut edges can lead to cuts.
 - » Wear protection gloves.
 - » Deburr cutting edges.
 - » Blunt the cut edges, for example with silicone.
 - » Secure cut edges against contact.

1.2.5 **Symbols used - Safety/Installation**



CAUTION

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



WARNING

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



TIPS AND RECOMMENDATIONS

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



ATTENTION

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

1.2.6 **Maintenance, care, repair**

- Immediately replace damaged parts.
- Always use original dormakaba parts.
- Clean clamping area with alcohol-based standard commercial cleaning agent before mounting the glass hardware.
- Use a damp cloth for occasional cleaning, especially the track.
- Always use silicone - and oil-free cleaners (e.g. acetone).
- Check wood door hardware at regular intervals for proper positioning, smooth operation, and correct adjustment.
- High traffic door systems require inspection by properly qualified staff (specialized companies or installation firms.)

1.2.7 **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 or 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 (for example 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.

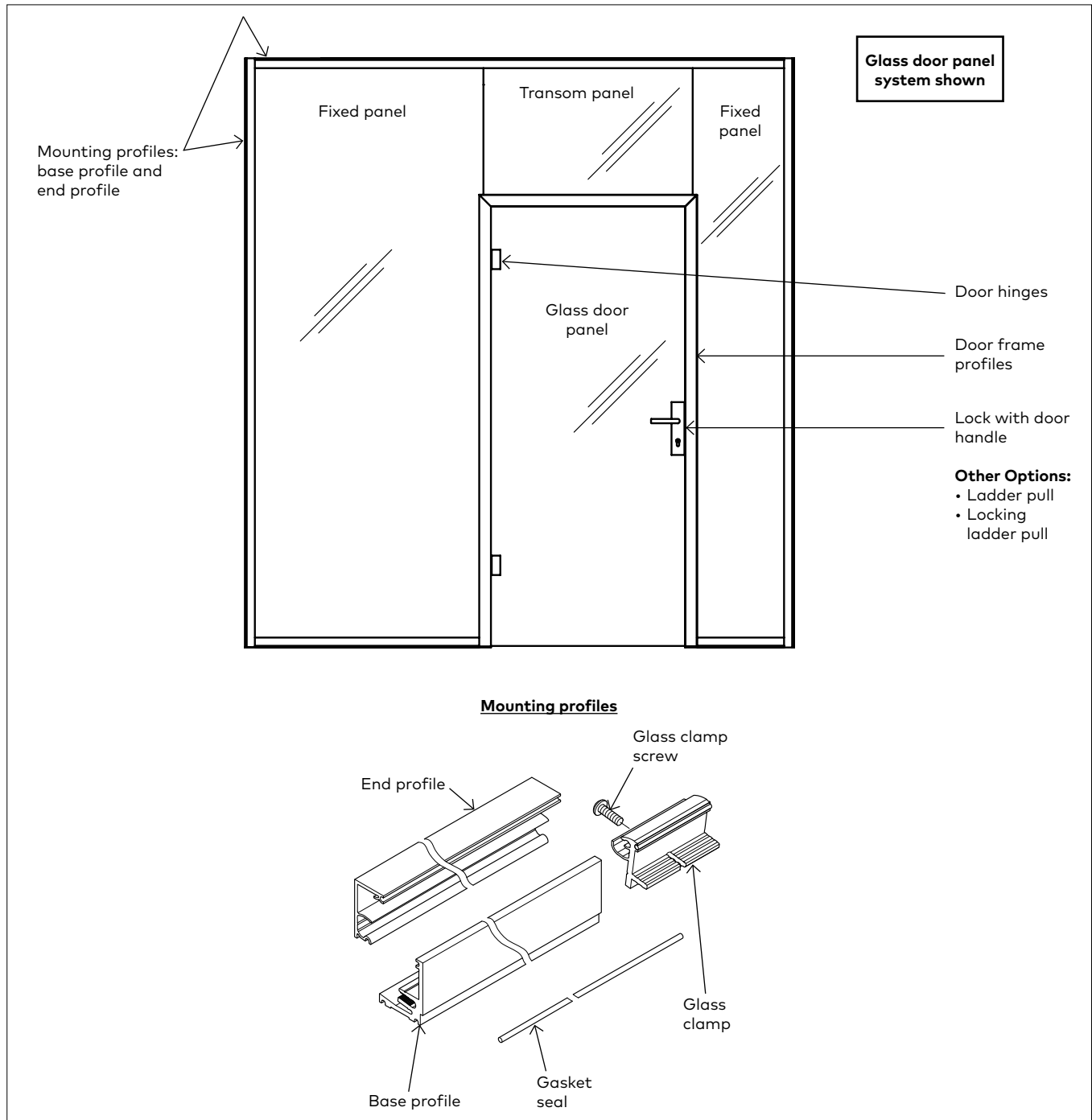
1.2.8 **Disposal**

Disposal in accordance with local, state and national regulations.

2 Installation instructions - Fixed Panel Mounting Profiles

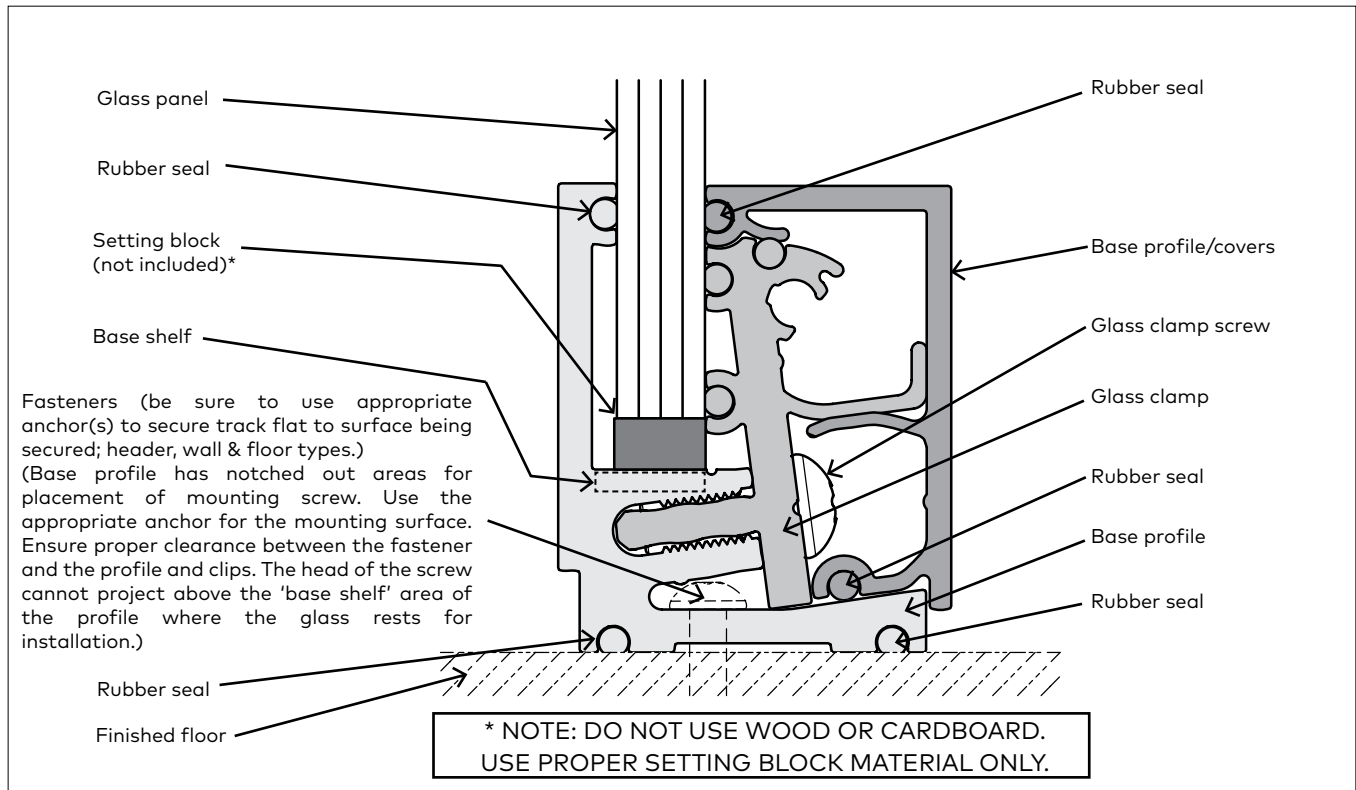
2.1 Overall

Fig. 1



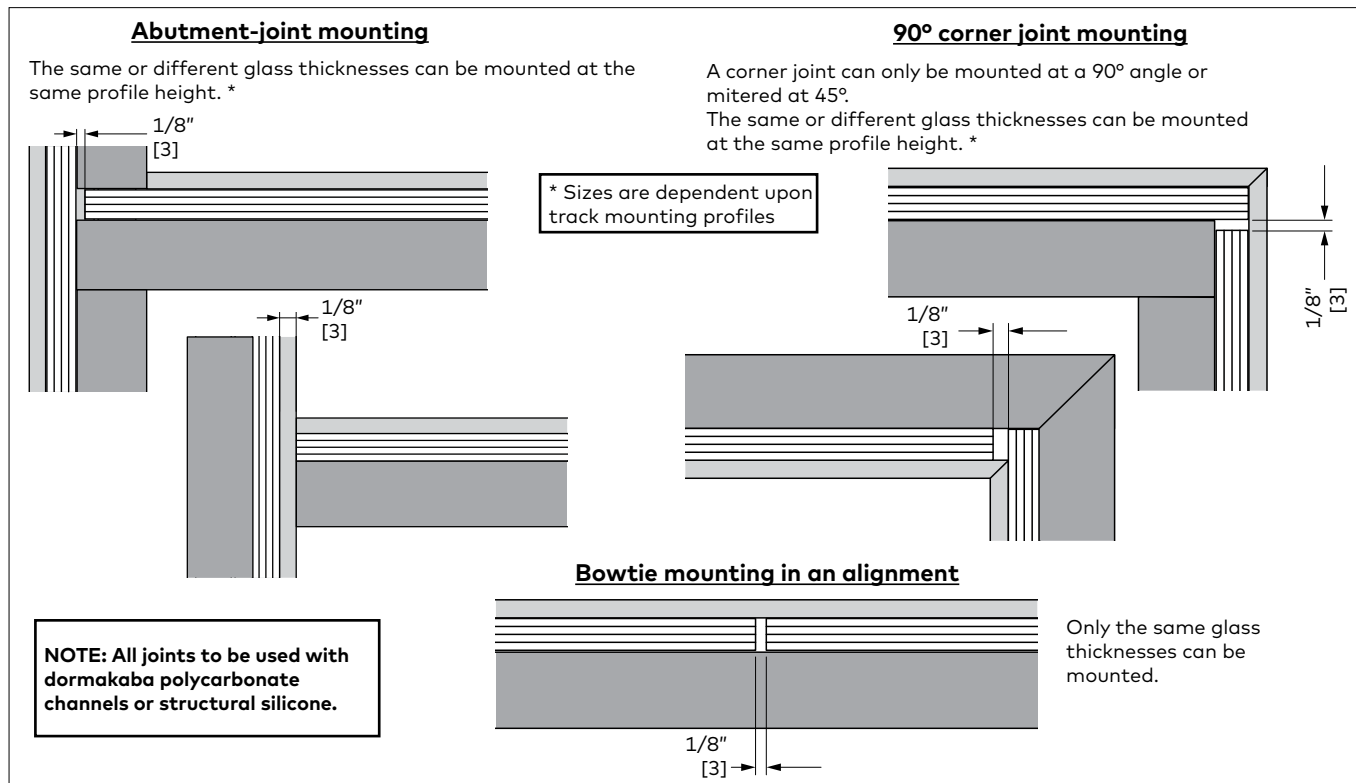
2.2 Mounting profile parts

Fig. 2



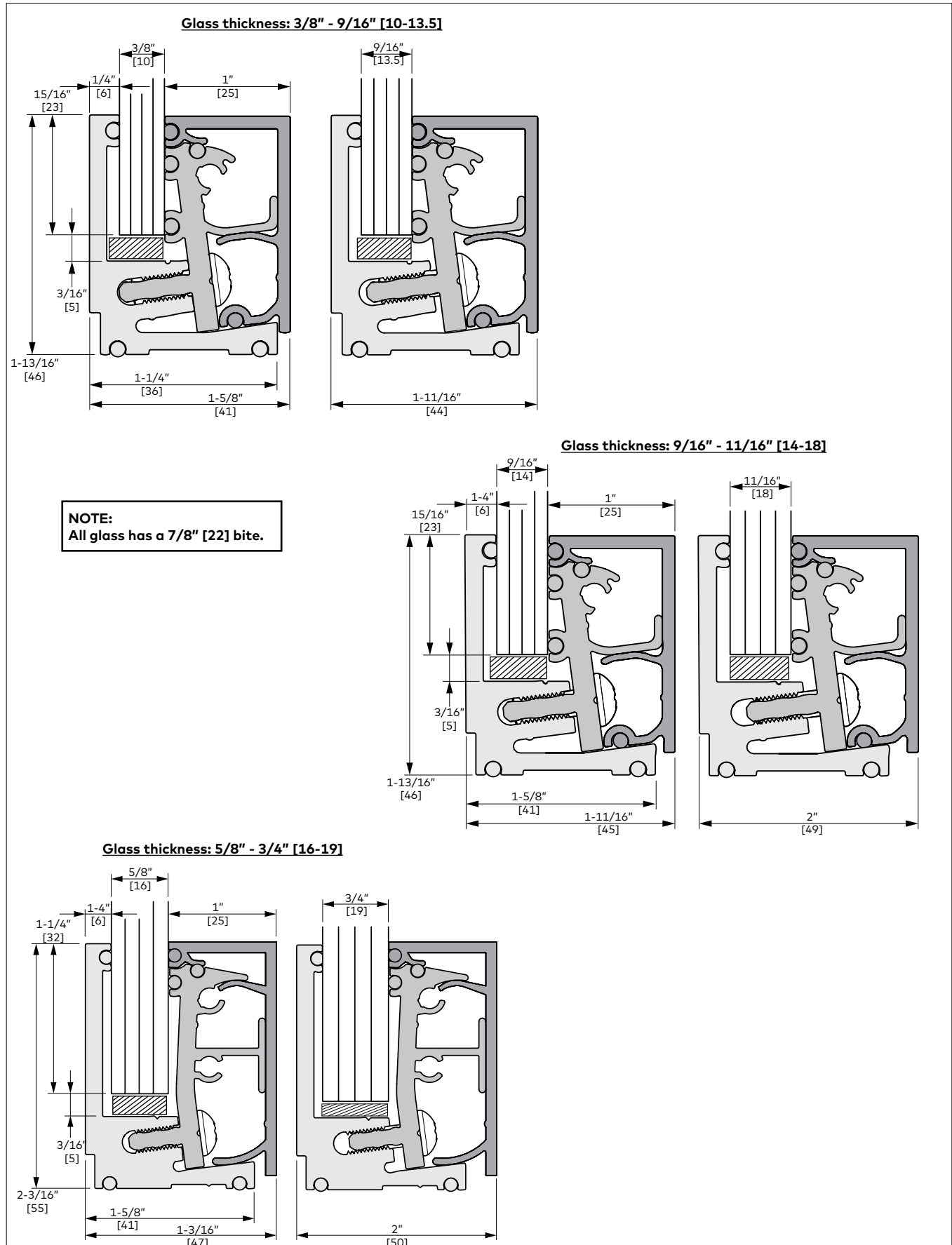
2.3 Joint mounting options

Fig. 3



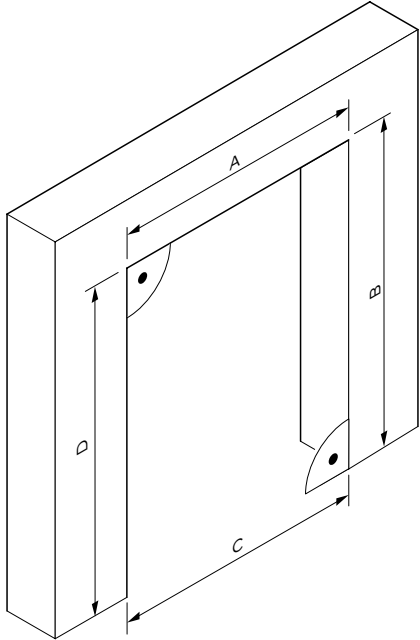
2.4 Profiles for fixed glass panel size options

Fig. 4



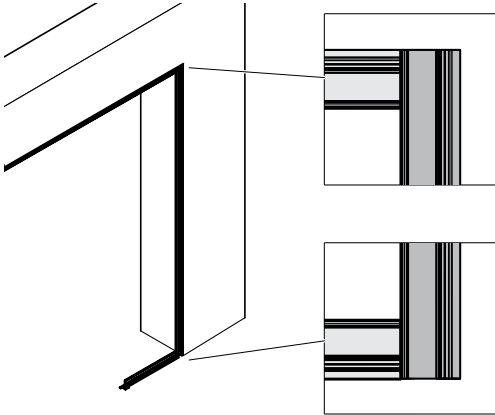
2.5 Determine profile measurements and cut

Fig. 5



2.5.1 Determine clear opening measurements.

Joint Mounting Examples



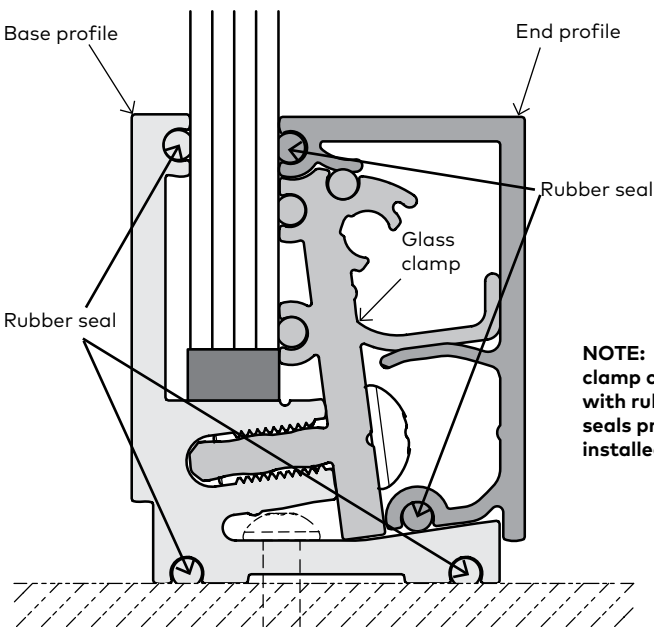
2.5.2 Determine lengths of base profile and end profile.
NOTE: consider the joint mounting options when determining the length.

2.5.3 Cut the profiles at the cut marks.
NOTE: For base profile - it is recommended that the dimensions of the last section of base profile on the floor be determined and cut only when the mounting of the last side panel is imminent.
NOTE: For end profile - it is recommended that the dimensions of the end profiles are checked or determined only after all other unit components are mounted.

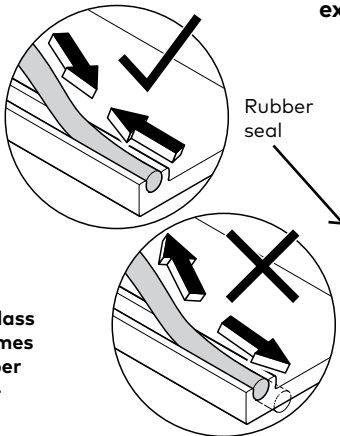
2.5.4 Deburr and, if necessary, blunt the cut edges without damaging the coating, which is still visible after mounting.

2.6 Secure rubber seal

Fig. 6



NOTE: Base profile shown in example image below.



NOTE: Glass clamp comes with rubber seals pre-installed.

2.6.1 Secure the full lengths of rubber seals into the end profiles and base profiles.

2.6.2 See image above for proper securing technique.
NOTE: Do not stretch seal during the securing process.

2.6.3 Cut off extra lengths that hang past end of profiles.

2.7 Mount the base profiles - vertically

Fig. 7

NOTE: ENSURE ALL WALLS ARE PLUMB, LEVEL AND SQUARE WITHIN 1/8" [3].

NOTE: ENSURE FINISHED FLOOR IS PLUMB, LEVEL AND SQUARE WITHIN 1/4" [6].

NOTE: Each slot in base profile is 1/4" [6.5] diameter.

2.7.1 Align base profile vertically against mounting surface.

NOTE: Ensure base profile is plumb and level. Adjust mounting surface accordingly, if necessary.

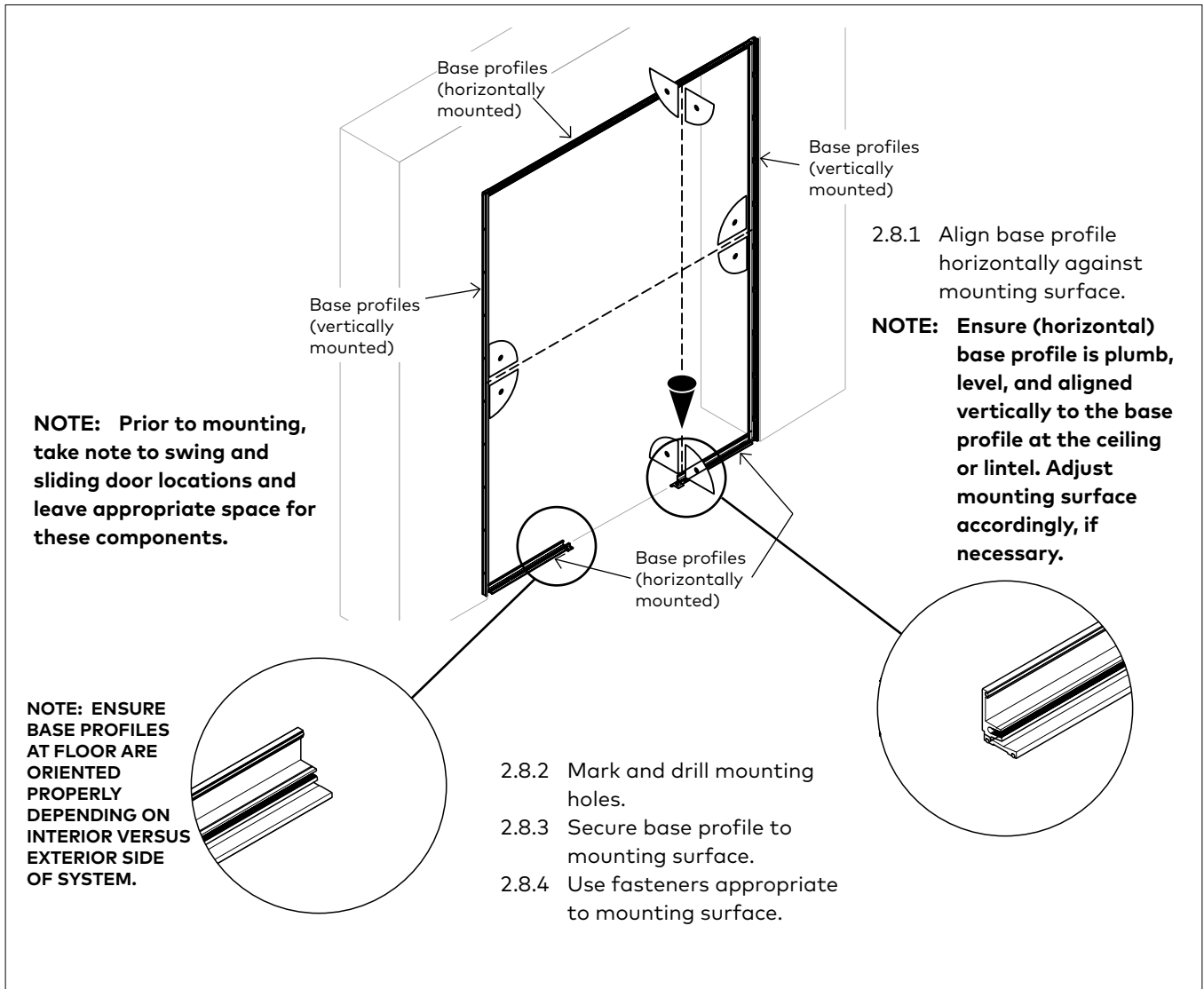
2.7.2 Mark and drill mounting holes.

2.7.3 Secure base profile to mounting surface.

2.7.4 Use fasteners appropriate to mounting surface.

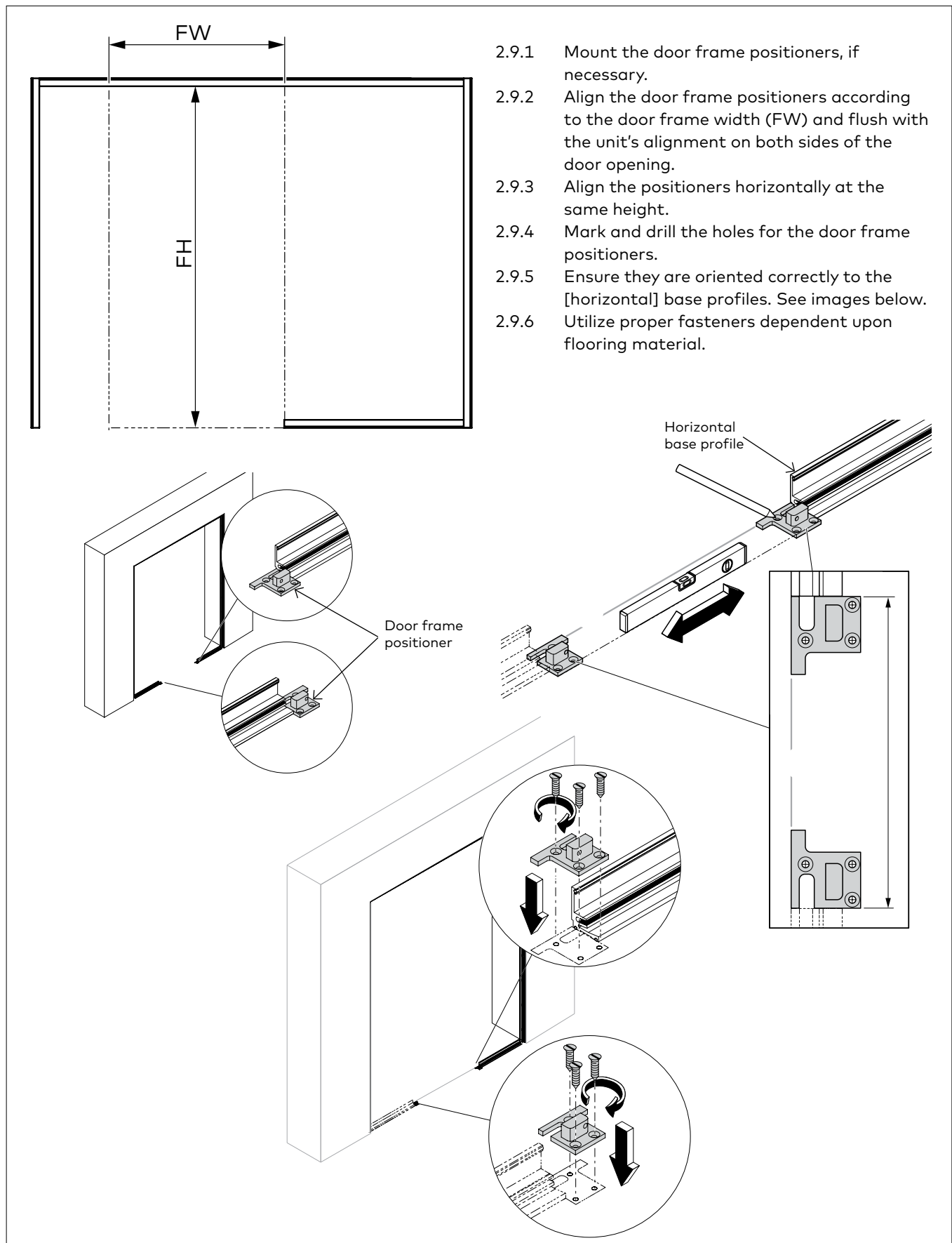
2.8 Mount the base profiles - horizontally

Fig. 8



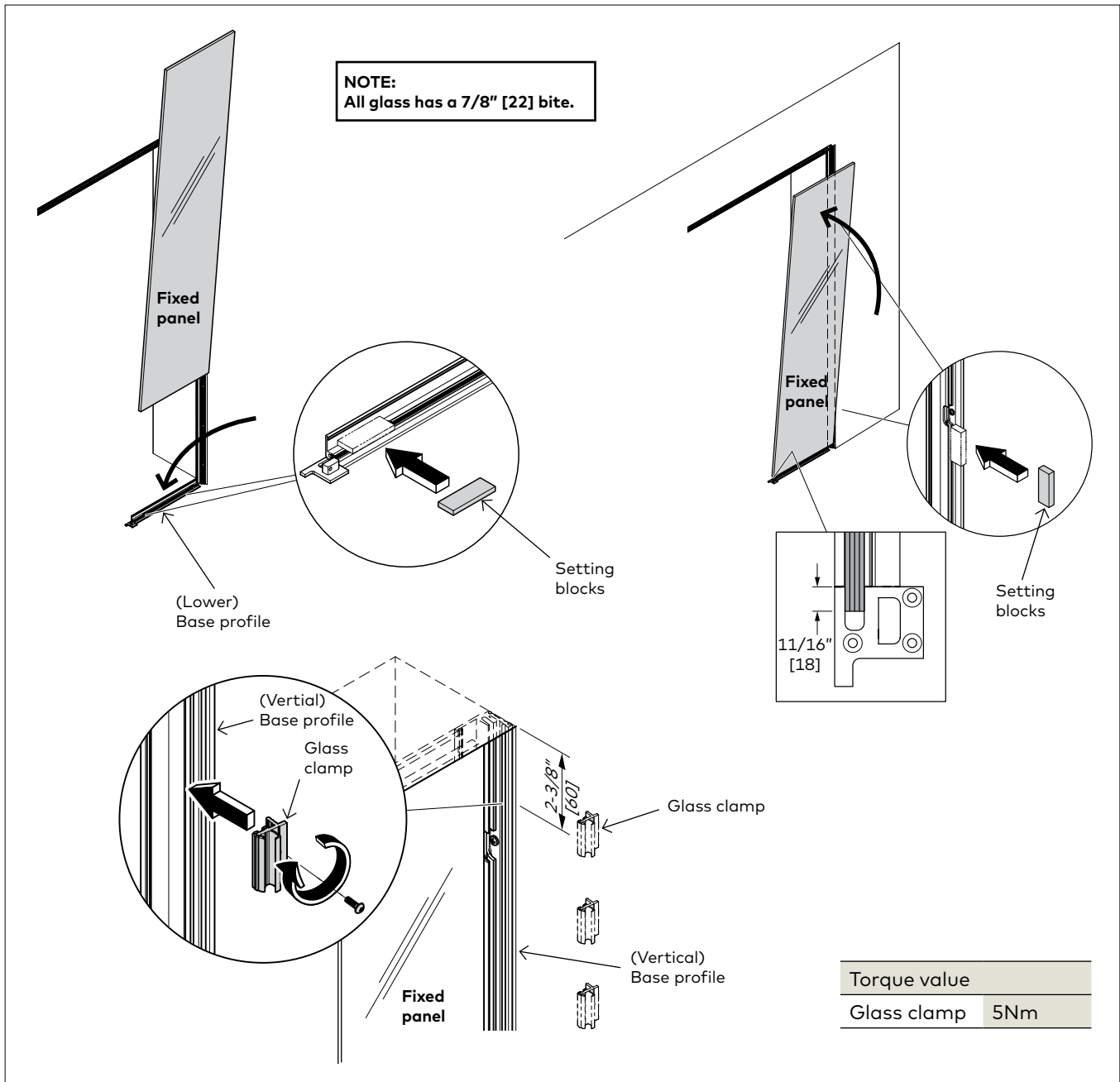
2.9 Secure the door frame positioners (for use with a pivot door only)

Fig. 9



2.10 Secure the fixed panels to the base profiles (single fixed panel)

Fig. 10



2.10.1 Place setting blocks into the base profiles.

2.10.2 Using proper lifting equipment, set the fixed panels into the lower base profiles and tip into place.

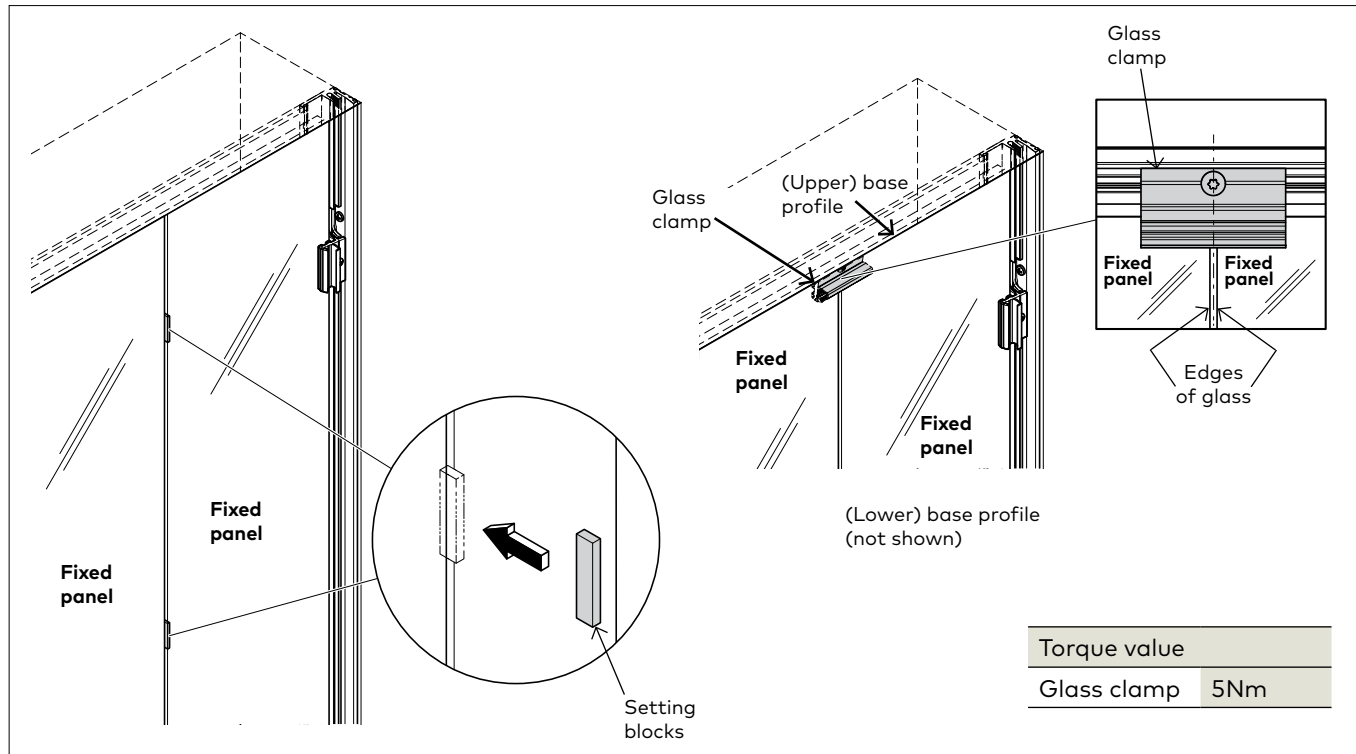
NOTE: Ensure fixed panel is aligned and plumb.

2.10.3 Secure edges of fixed panels to (vertical) base profiles with glass clamps.

- Use 3 glass clamps per meter.
- Maintain a distance of 2-3/8" [60] between each piece, and 2-3/8" [60] from each end of the profile.
- Use a torque of 5Nm.

2.11 Secure the fixed panels edge to edge (multiple fixed panels)

Fig. 11



2.11.1 Place setting blocks into the (lower) base profiles.

2.11.2 Place setting blocks between fixed panels for clearance.

NOTE: Ensure a clearance of 1/8" [3] between panels.

2.11.3 Using proper lifting equipment, set the fixed panels into the lower base profiles and tip into place.

NOTE: Ensure fixed panels are aligned and plumb.

2.11.4 Secure fixed panels together at the top and bottom of the profiles.

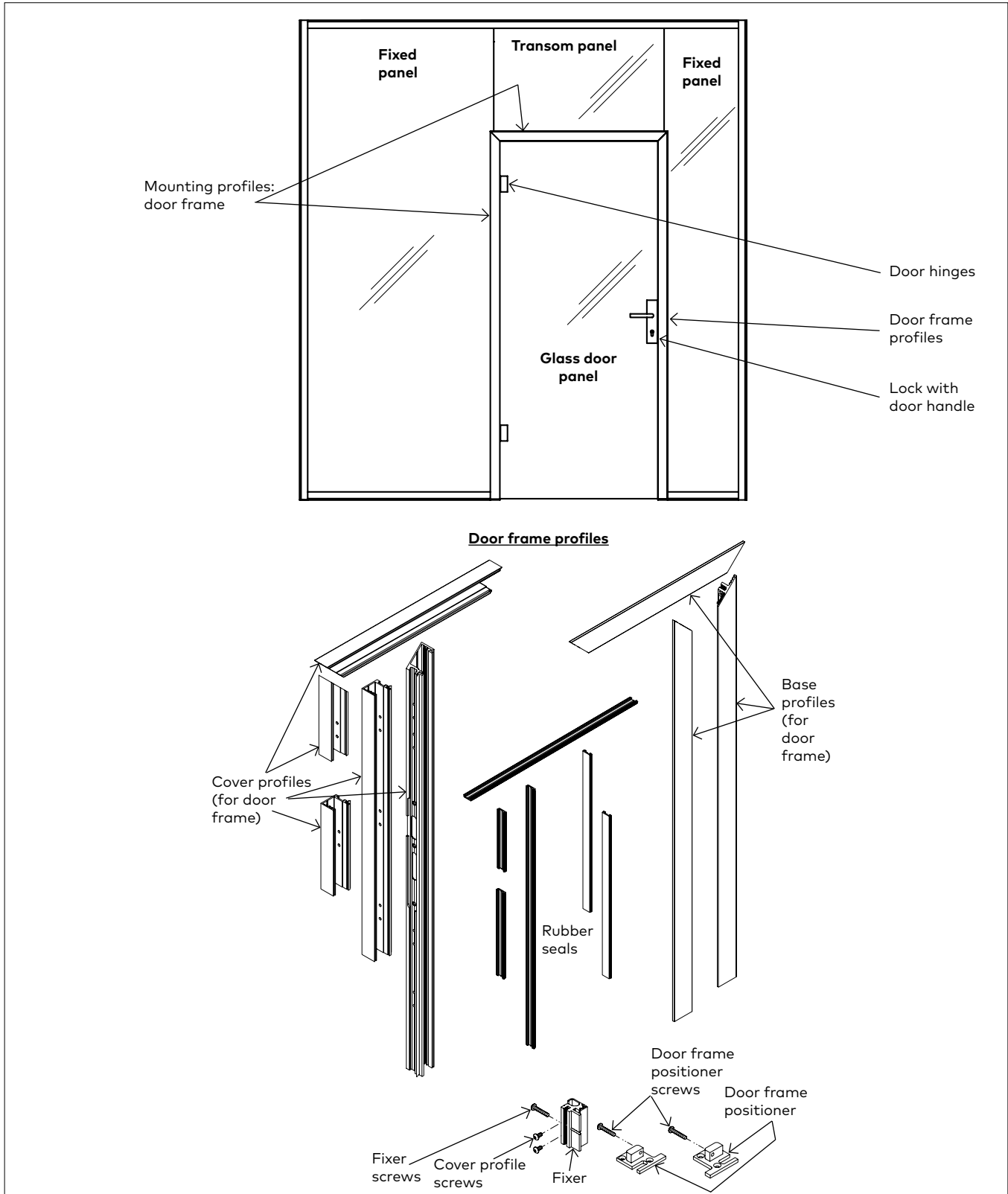
2.11.5 Use a glass clamp at the (upper) base profile and (lower) base profile where the glass edges meet.

2.11.6 Remove setting blocks once panels are fully secured.

3 Installation Instructions - Door Frames and Transom Glass

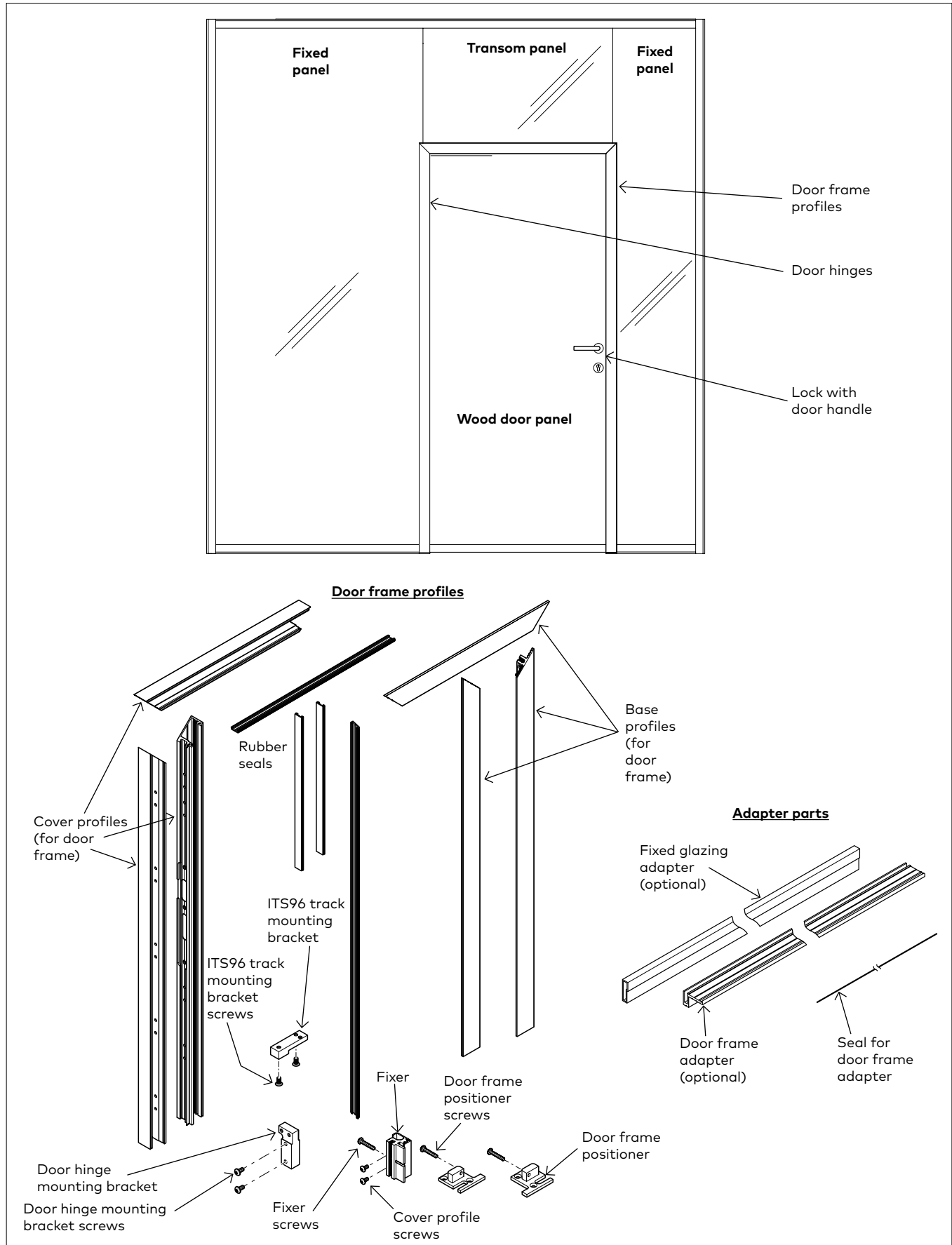
3.1 Overall - glass door panel (option 1)

Fig. 12



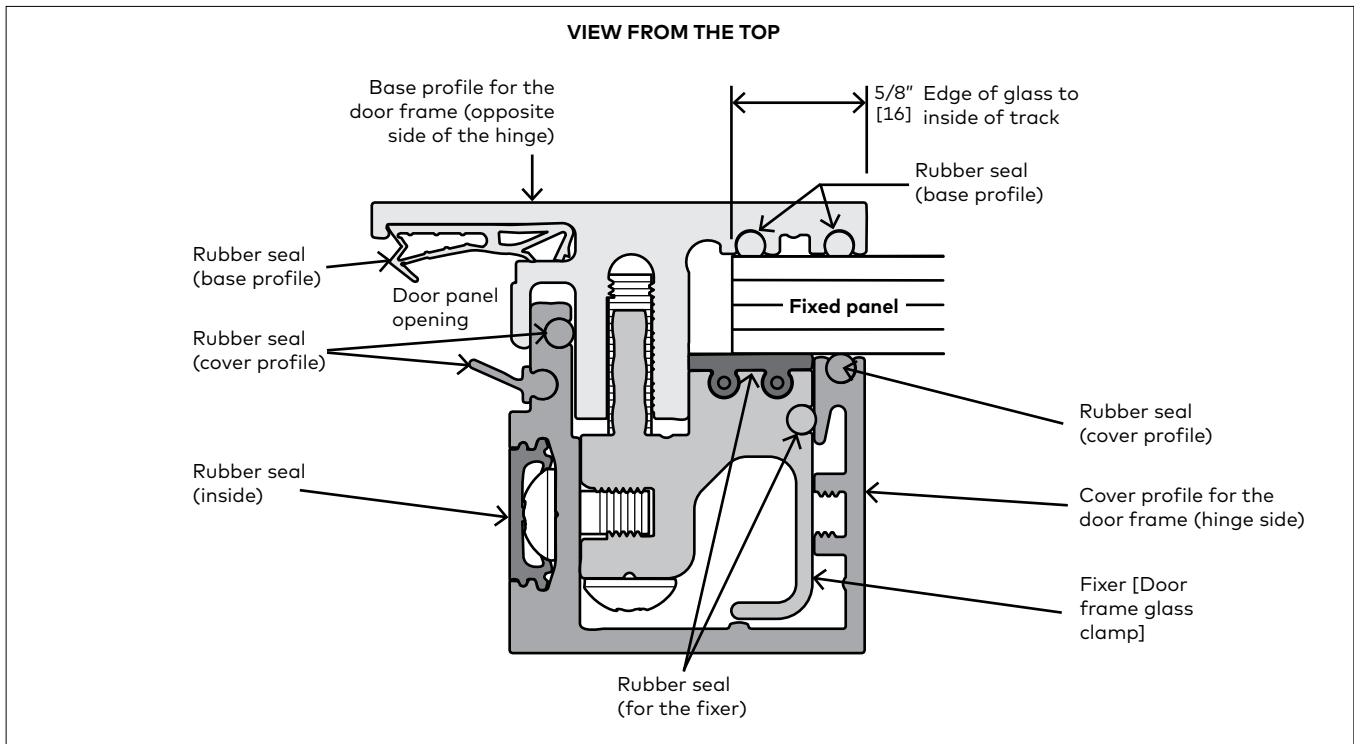
3.2 Overall - wood door panel (option 2)

Fig. 13



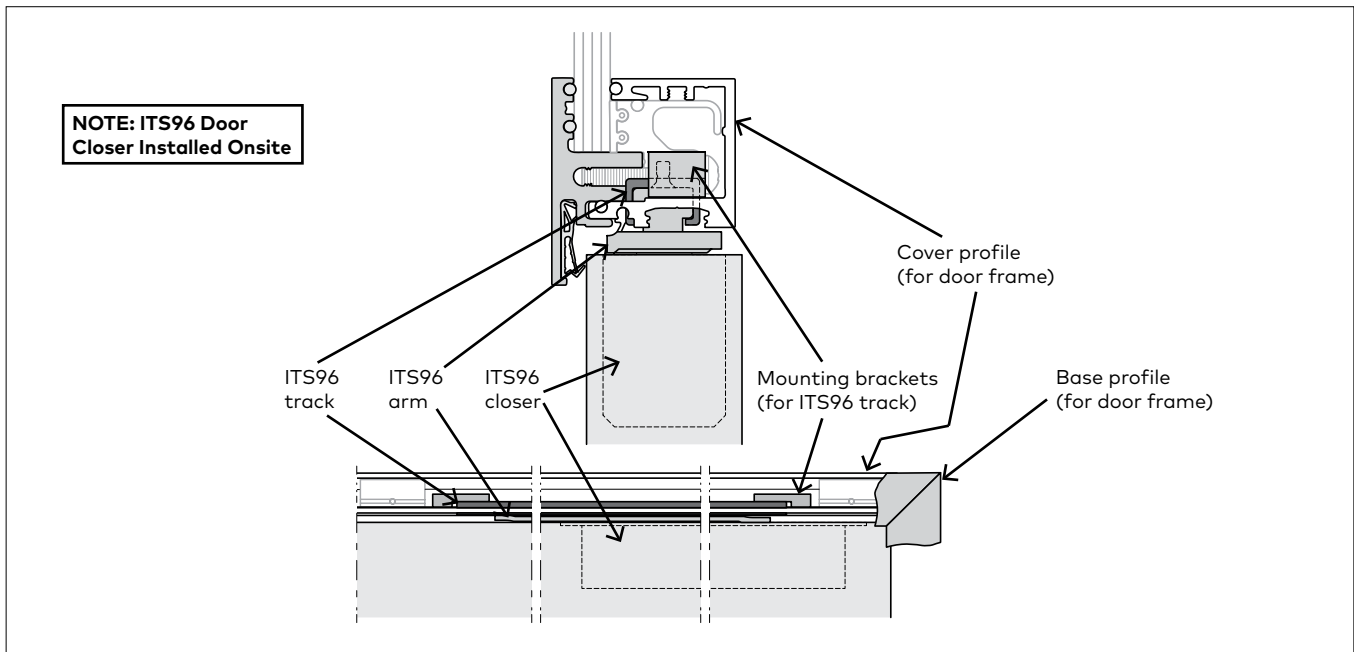
3.3 Door frame parts

Fig. 14



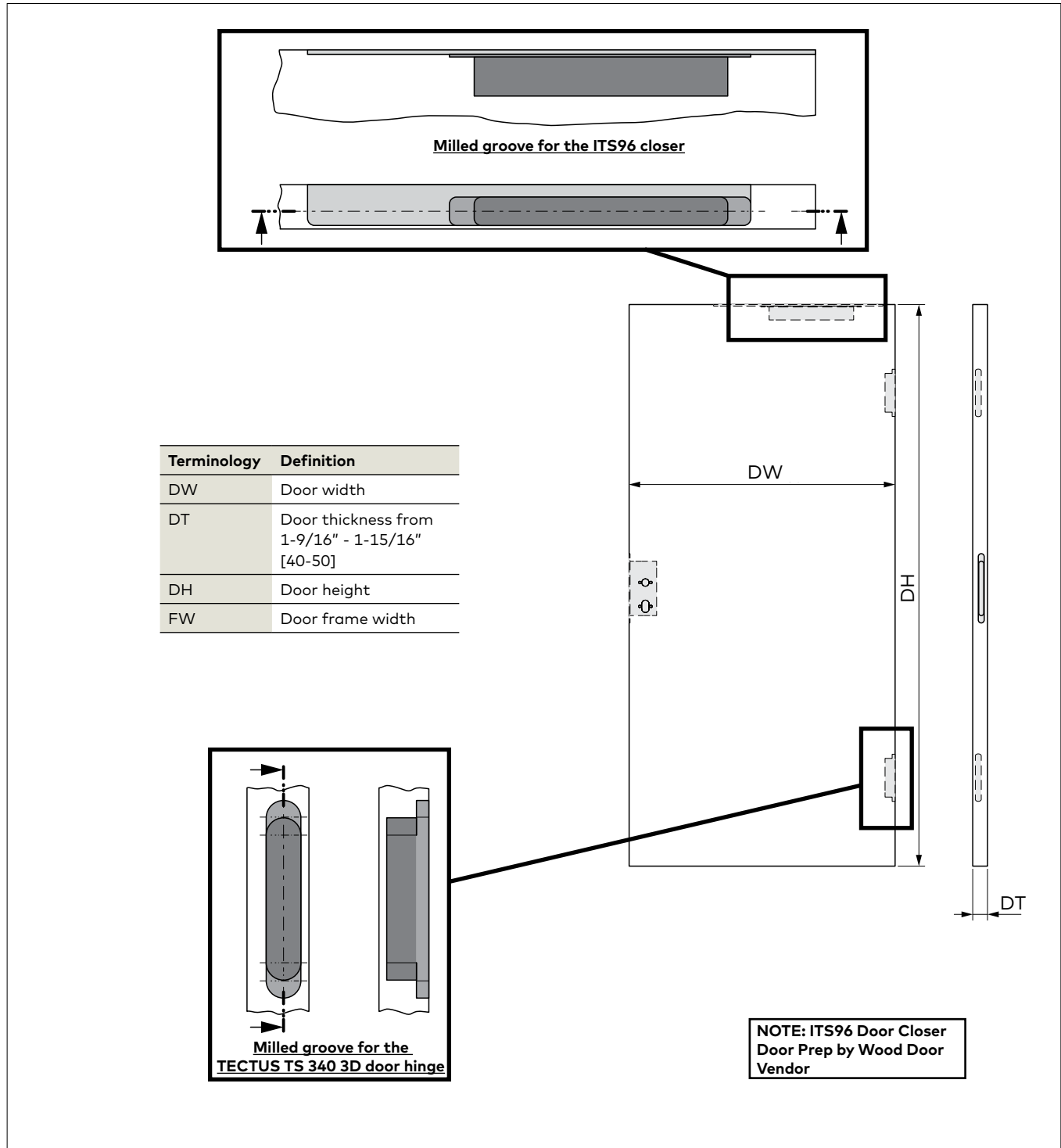
3.4 ITS96 door closer parts

Fig. 15



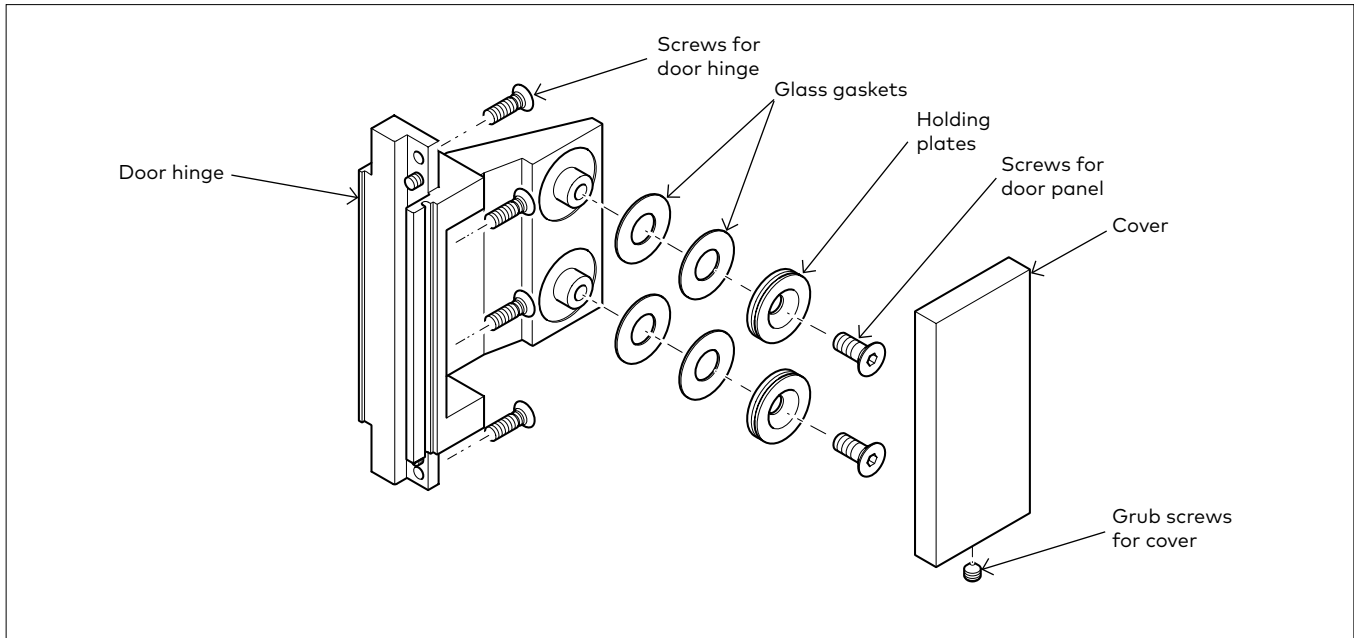
3.5 ITS96 door closer door prep - wood door only

Fig. 16



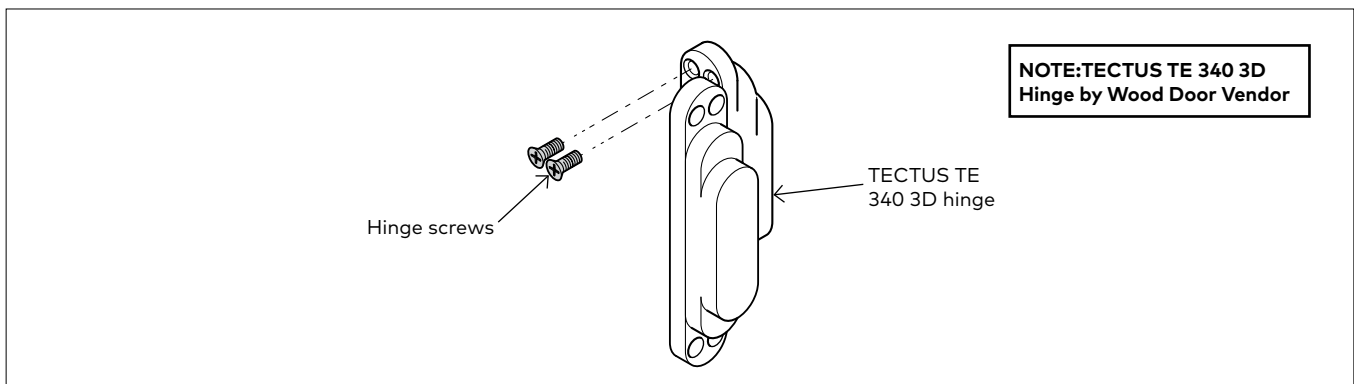
3.6 Door hinge parts - glass door

Fig. 17



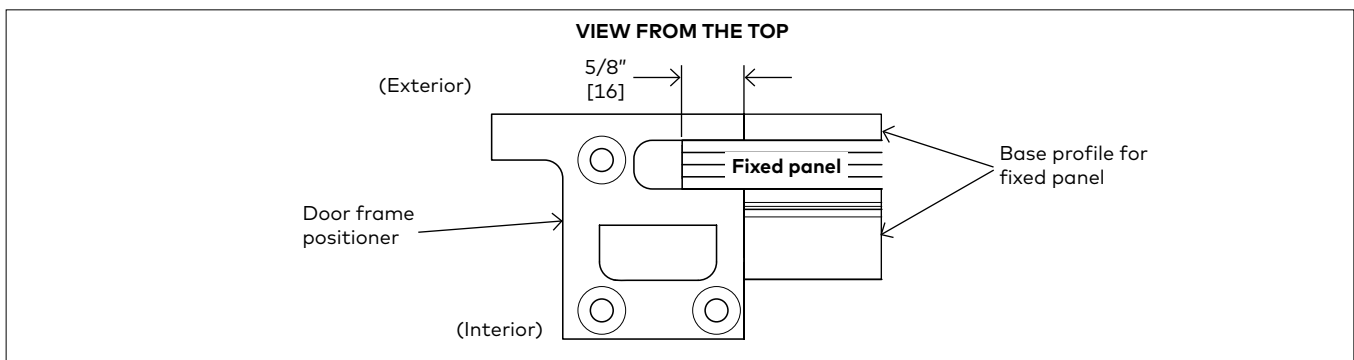
3.7 Door hinge parts - wood door

Fig. 18



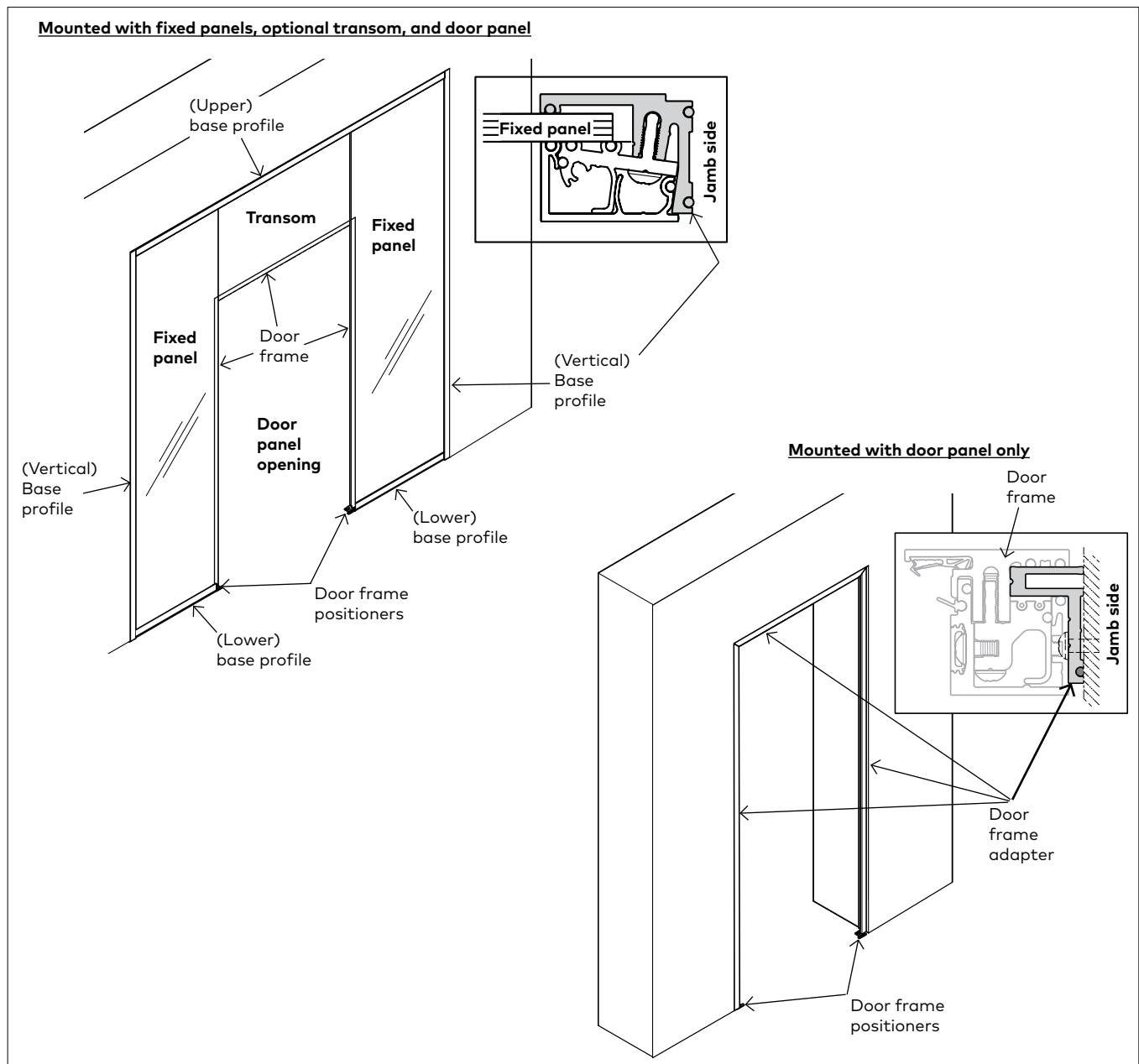
3.8 Door frame positioner parts

Fig. 19



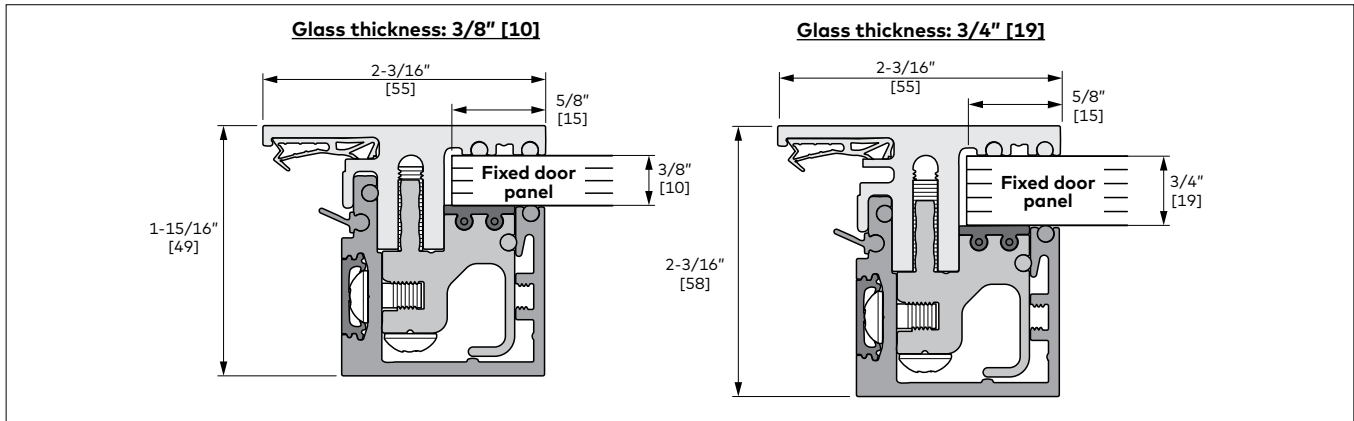
3.9 Mounting options

Fig. 20



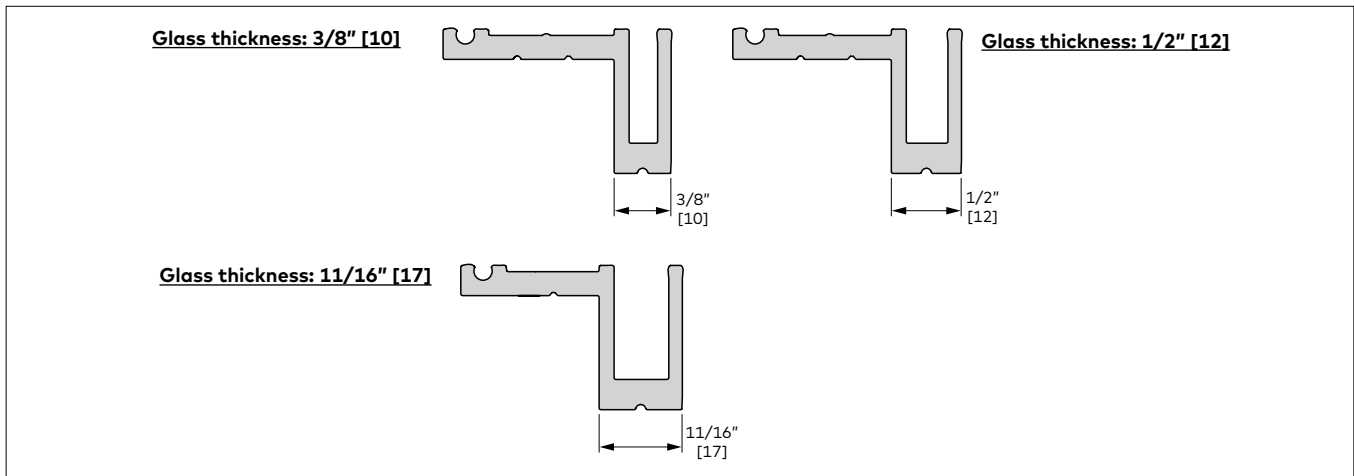
3.10 Profiles for glass door panel size options

Fig. 21



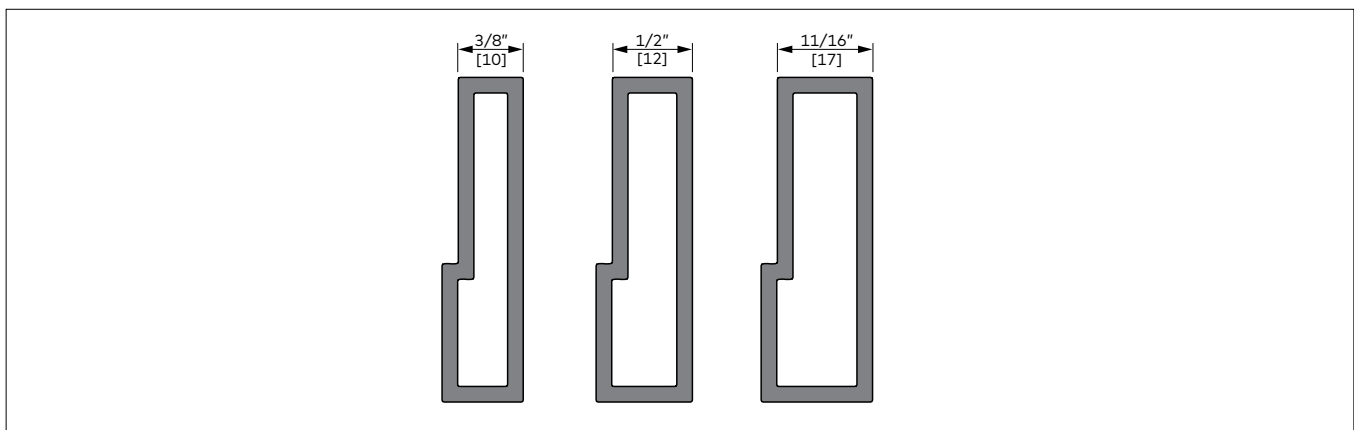
3.11 Door frame adapter size options

Fig. 22



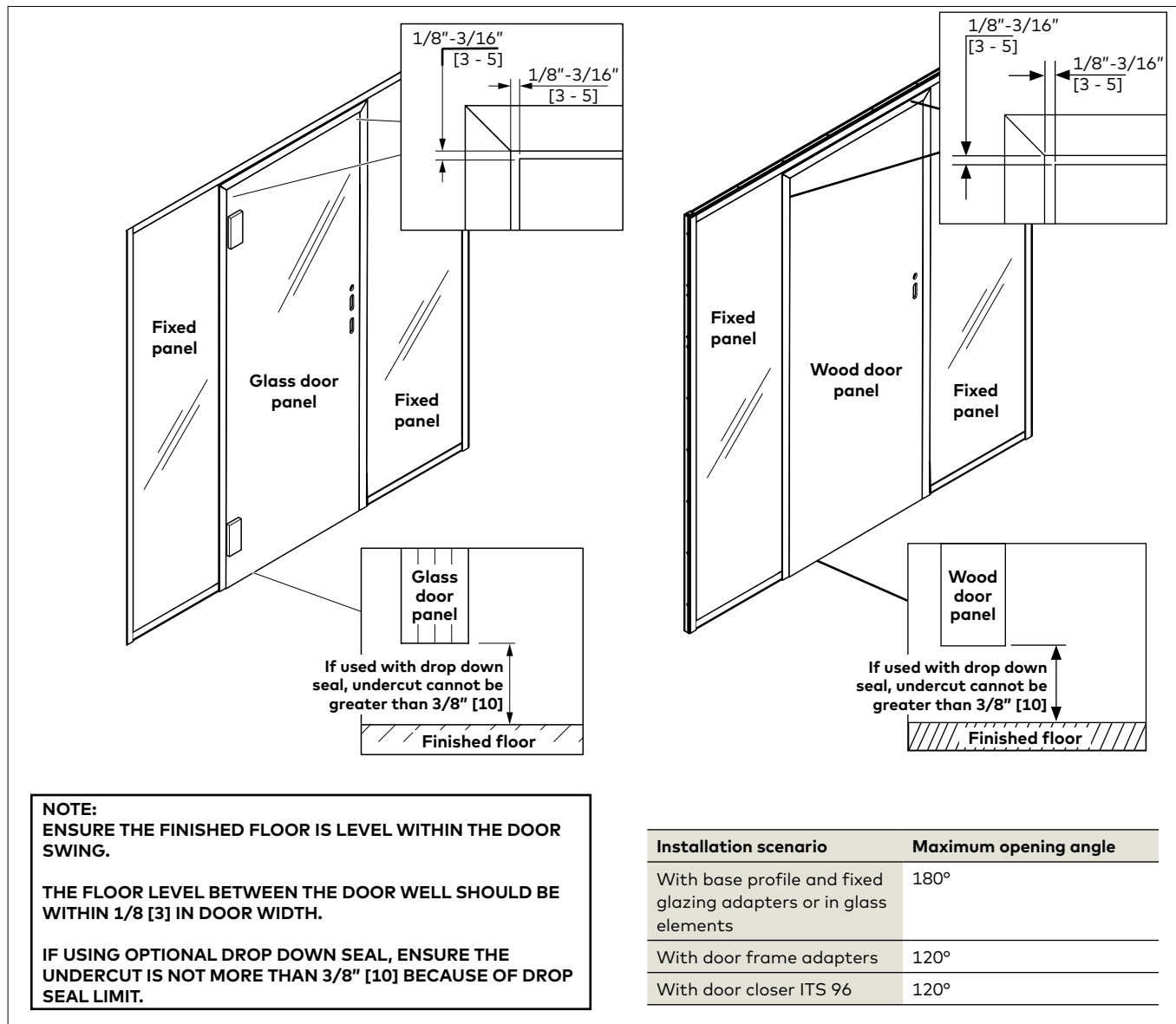
3.12 Fixed glazing adapter size options

Fig. 23



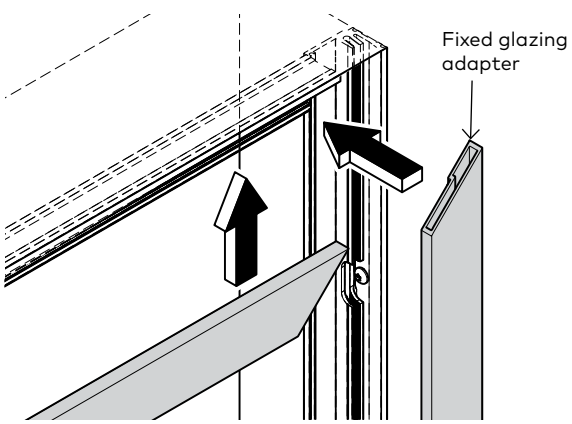
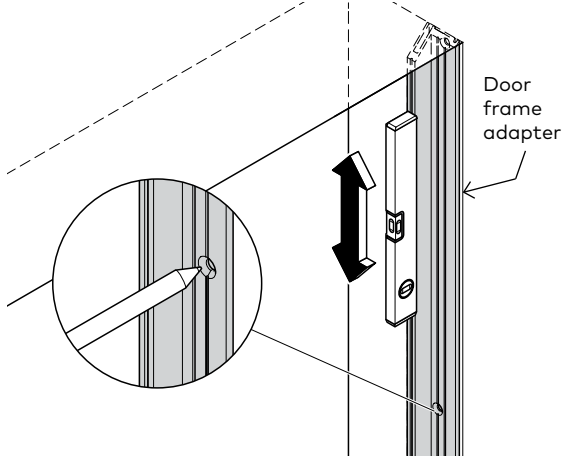
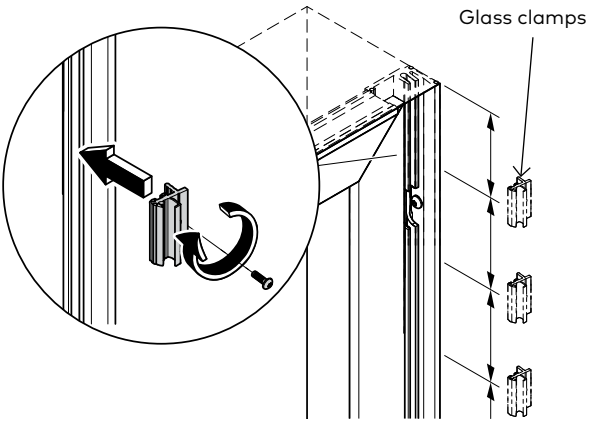
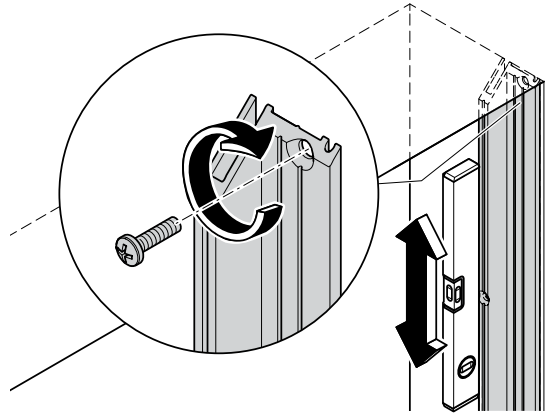
3.13 Door frame clearances

Fig. 24



3.14 Measure, cut and mount fixed glazing adapters and door frame adapters (only for applications with no transoms)

Fig. 25

Fixed Glazing Adapters	Door Frame Adapters				
<p>3.14.1 Determine lengths for the fixed glazing adapters.</p> <p>3.14.2 Cut the adapters at the cut marks.</p> <p>3.14.3 Deburr and, if necessary, blunt the cut edges without damaging the coating, which is still visible after mounting.</p> 	<p>3.14.1 Determine lengths for the door frame adapters.</p> <p>3.14.2 Cut the adapters at the cut marks.</p> <p>3.14.3 Deburr and, if necessary, blunt the cut edges without damaging the coating, which is still visible after mounting.</p> 				
<p>3.14.4 Position the fixed glazing adapters accordingly.</p> 	<p>3.14.4 Align adapters. Ensure they are plumb and level.</p> <p>3.14.5 Mark holes in wall and floor.</p> 				
<p>3.14.5 Secure the fixed glazing adapters to the (vertical) base profiles.</p> <p>3.14.6 Use at least 3 glass clamps per meter.</p> <p>3.14.7 Torque to 5Nm.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2">Torque value</th> </tr> </thead> <tbody> <tr> <td>Clamping piece</td> <td style="text-align: center;">5Nm</td> </tr> </tbody> </table>	Torque value		Clamping piece	5Nm	<p>3.14.6 Secure door frame adapters to wall and floor.</p> <p>3.14.7 Utilize proper fasteners dependent upon flooring material.</p> <p>NOTE: Ensure wall and floor are plumb and level. Adjust mounting surface accordingly, if necessary.</p>
Torque value					
Clamping piece	5Nm				

3.15 Secure rubber seals

Fig. 26

3.15.1 Secure the full lengths of rubber seals into all profiles.

3.15.2 See image for proper securing technique.

NOTE: Do not stretch seal during the securing process.

3.15.3 Cut off extra lengths that hang past end of profiles.

NOTE: The (inside) rubber seals are only attached when mounting the cover profile for the door frame above the screws in the passage.

3.16 Assemble door frame base profiles

Fig. 27

3.16.1 Lay door frame base profile pieces on a flat surface to pre-assemble.

3.16.2 Properly align vertical and horizontal base profiles.

3.16.3 Set corner brackets in place.

NOTE: Ensure there are no gaps where joints meet.

3.16.4 Secure brackets using M5x10 screws.

3.16.5 When soundproofing, ensure to place silicone on INSIDE of door frame.

Hex key size	
M5x10 screws	3mm

3.17 Secure door frame base profiles to glass

Fig. 28

3.17.1 Set the pre-assembled base profile for the door frame into the opening, oriented such that the hinge is on the opposite side.

NOTE: Ensure base profiles are aligned and level.

3.17.2 Keep the cover profile on the hinge side.

3.17.3 Mark the fixer locations on the door frames based on the pre-drilled holes in the cover profile.

NOTE: Ensure the fixers are mounted just below the pre-drilled holes of the cover profiles for the door frames, such that the cover profiles and fixers properly align later.

3.17.4 Secure fixers on the hinge side of the door frame.

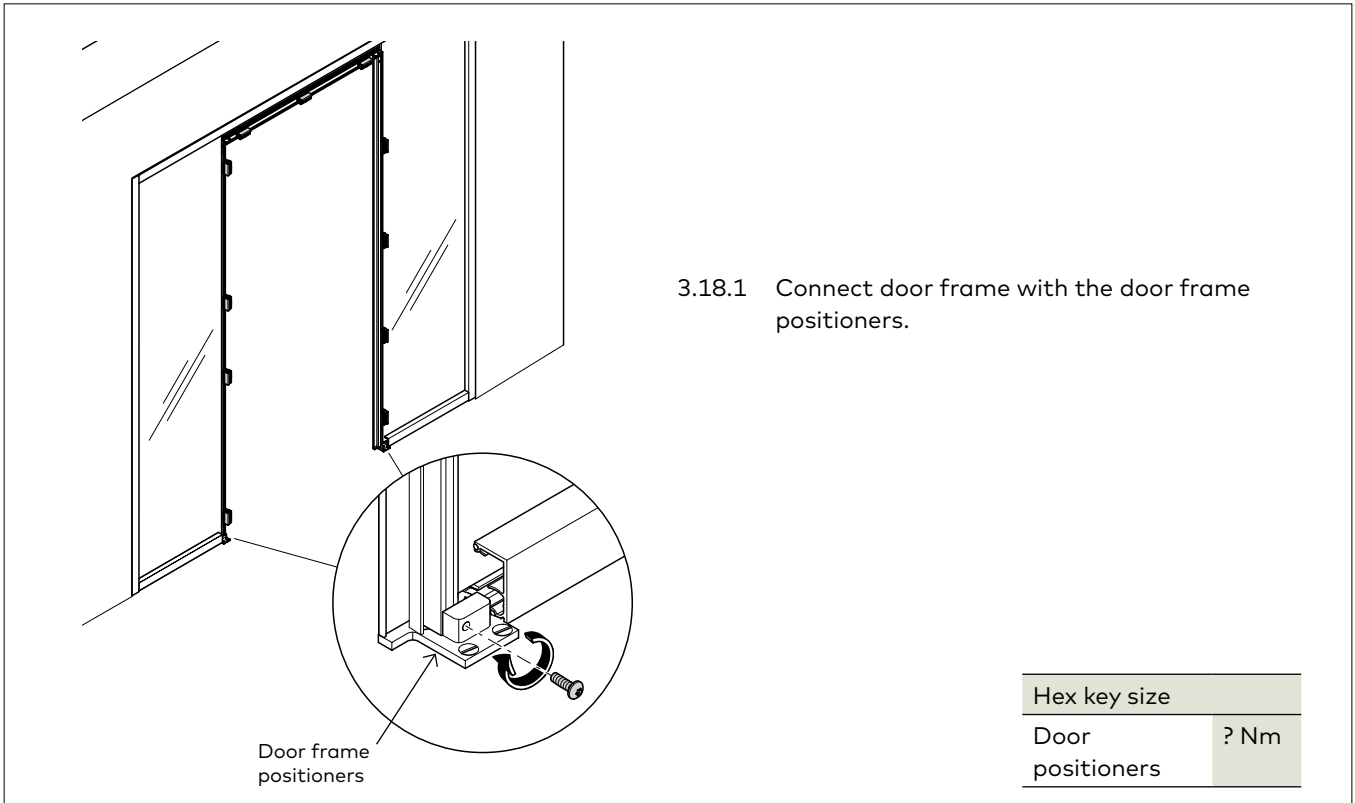
3.17.5 Torque to 5Nm.

Hex key size	
Fixers	1/8"

Torque value	
Fixers	5Nm

3.18 Secure the door frame positioners

Fig. 29



3.19 Secure the door hinges - glass door

Fig. 30

1st hinge/1st cover profile start here

NOTE:
1st hinge/1st cover profile = start at top of door and work your way down to the bottom.

Hinge

Door frame positioners

Cover profile section

3.19.1 Set first hinge onto first cover profile section.

3.19.2 Press 1st hinge + 1st cover profile section assembly onto the base profile and door frame positioner.

NOTE: Ensure hinge and cover profile are aligned and flush with one another and not twisted.

Flush & aligned

Not flush & aligned

3.19.3 Swing hinge open, but DO NOT allow position to change.

3.19.4 Remove cover profile.

NOTE: Ensure hinge stayed aligned and flush.

Set screws

Hex key size	
Hinge set screw	3/16"
Hinge center screw	1/8"

Center screws

3.19.5 Ensure face of hinge and cover are aligned via the two set screws (securing simultaneously).

3.19.6 Temporarily secure hinge with two center screws.

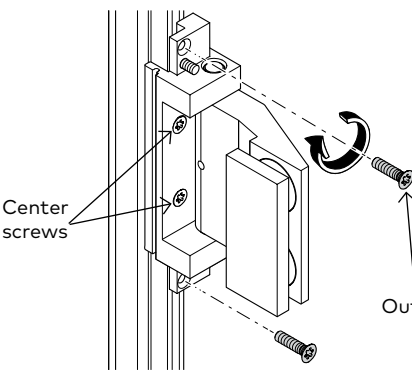
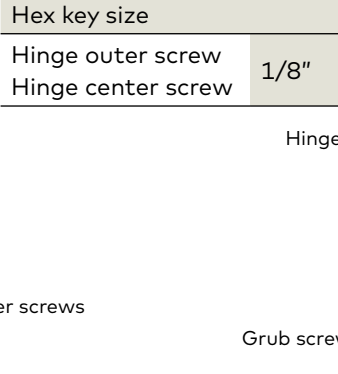
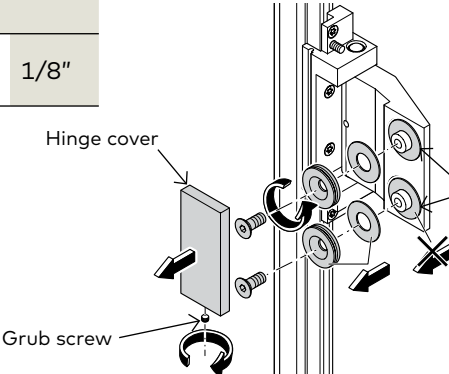

3.19.7 Follow steps 3.19.1 - 3.19.6 for second hinge/second cover profile, and so on.

3.20 Secure door hinges - glass door (continued)

Fig. 31

Hex key size	
Hinge outer screw	1/8"
Hinge center screw	

Torque value	
Hinge	4Nm

3.20.1 Secure hinge in place with outer screws.

3.20.2 Fully tighten all four screws (outer and center) with 4Nm of torque.

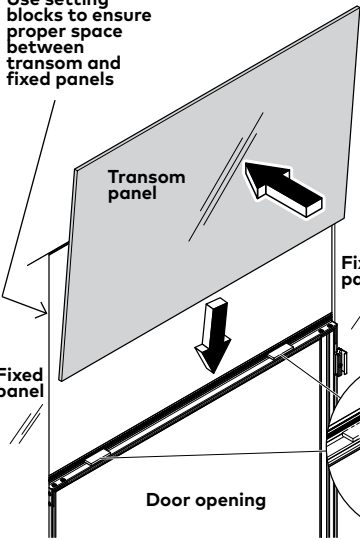
3.20.3 Loosen hinge grub screw to remove hinge cover.

3.20.4 Remove all components except for ONE SET OF GLASS GROMMETS. Set components aside.

3.21 Securing the transom panel

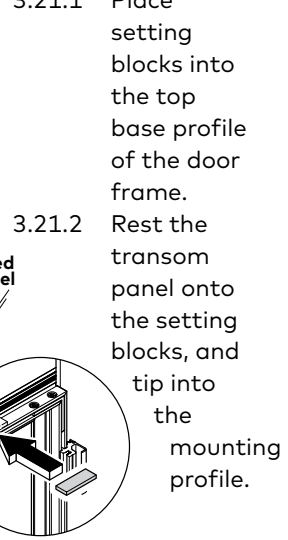
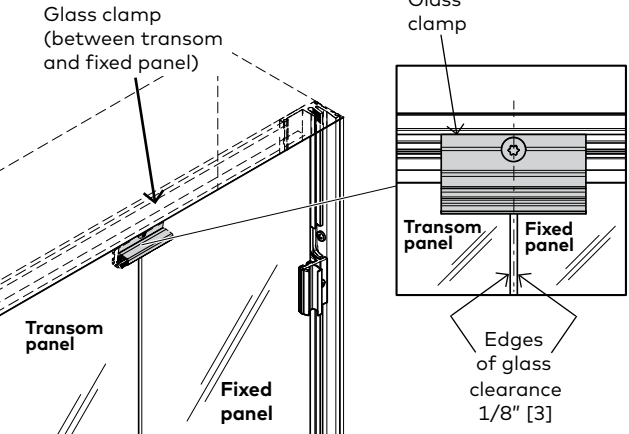
Fig. 32

Use setting blocks to ensure proper space between transom and fixed panels



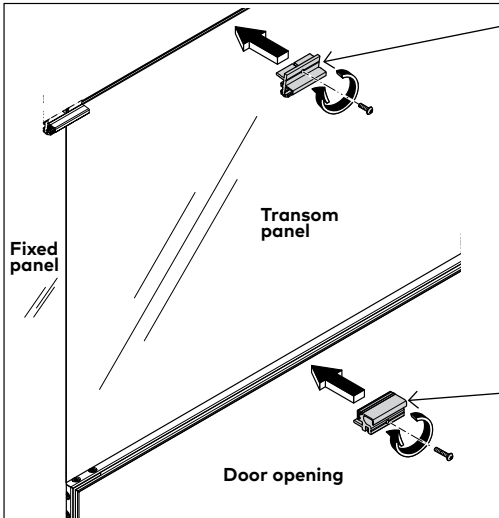
3.21.1 Place setting blocks into the top base profile of the door frame.

3.21.2 Rest the transom panel onto the setting blocks, and tip into the mounting profile.

3.21.3 Secure transom/fixed panels joint, together with a glass clamp.

Hex key size	
Glass clamps	1/8"



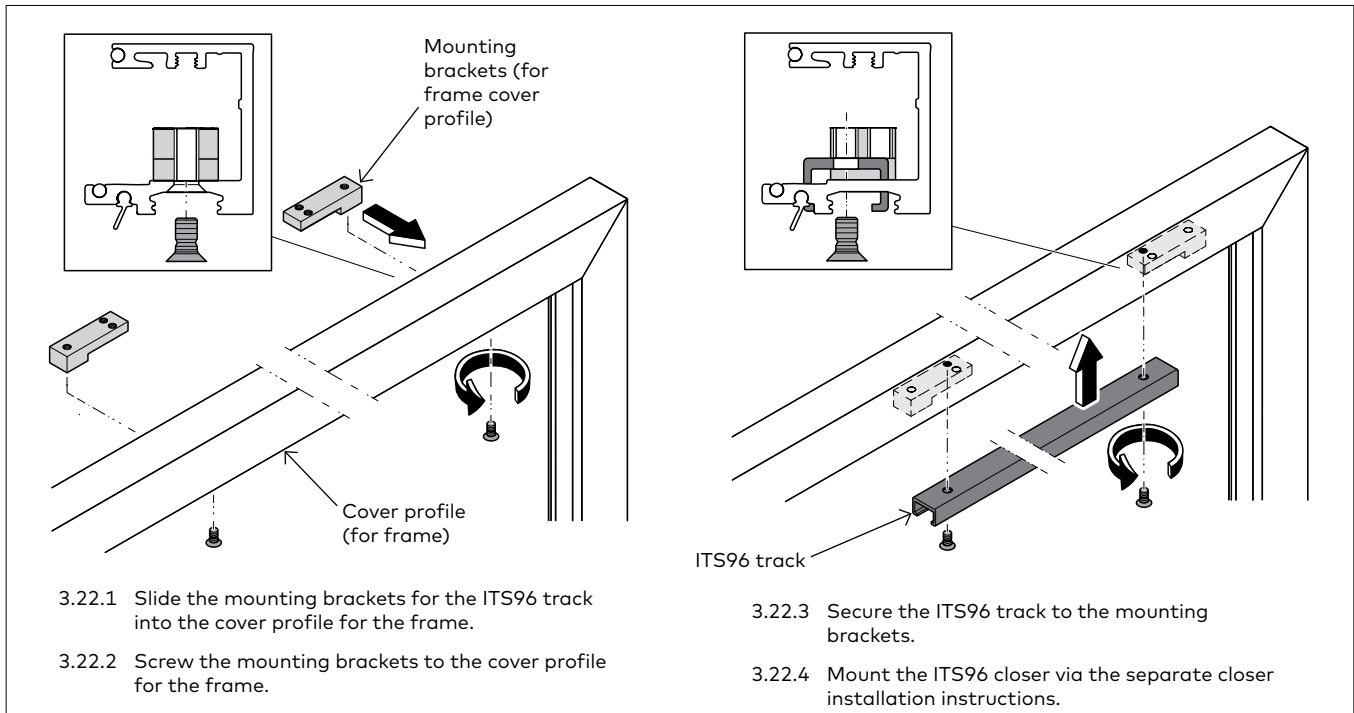
3.21.4 Secure transom with at least 3 glass clamp per meter on the base profile of the mounting profile (at the top).

3.21.5 Secure transom to base profile of the door frame with at least 3 glass clamp per meter (at the bottom).

Torque value	
Glass clamps	5Nm

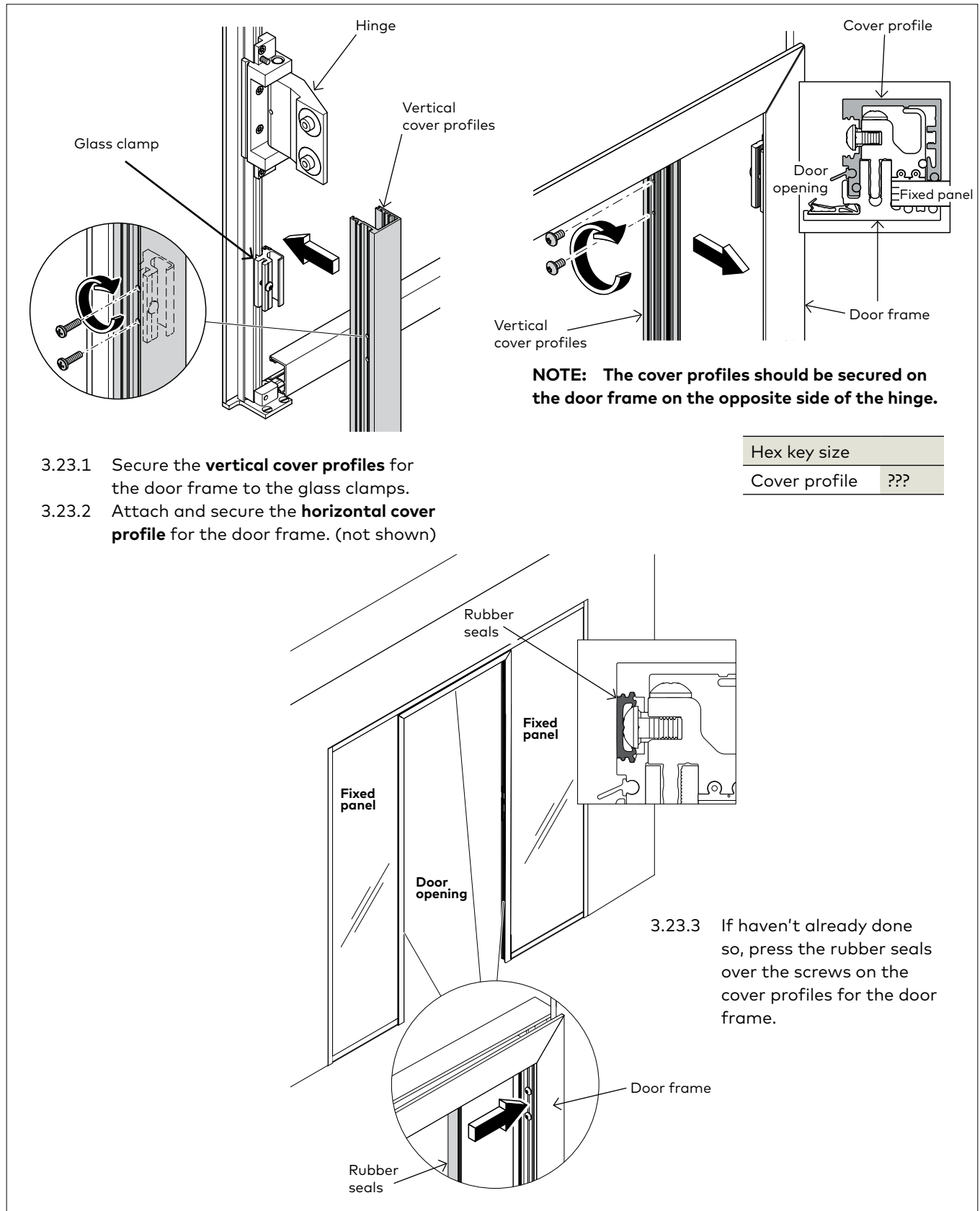
3.22 Pre-mounting ITS96 door closer

Fig. 33



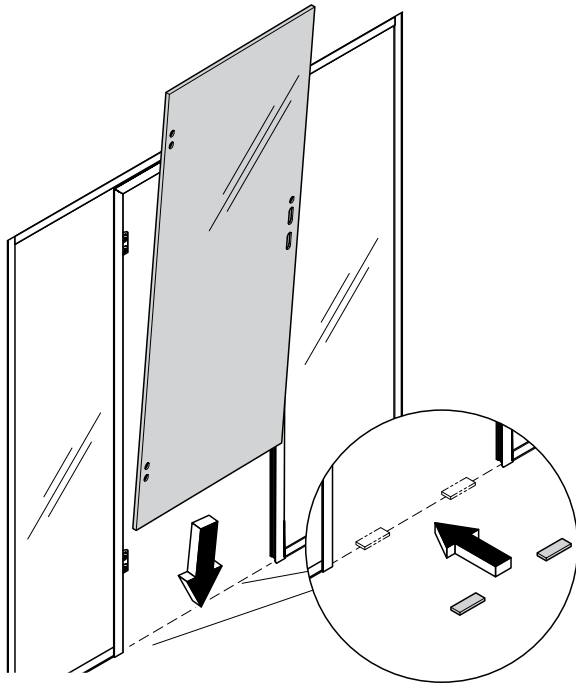
3.23 Secure cover profiles for door frame

Fig. 34

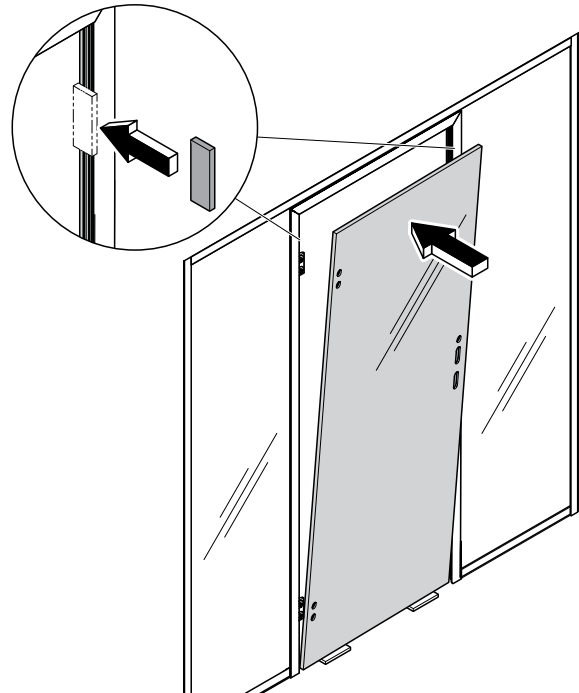


3.24 Mounting the glass door panel

Fig. 35



3.24.1 Using a proper glass lifting device and 2 people, lower glass onto setting blocks.

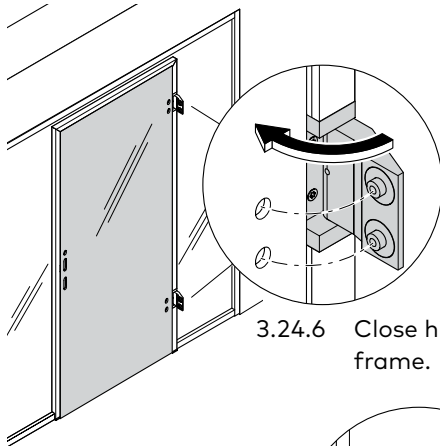


3.24.2 Tilt glass into place.

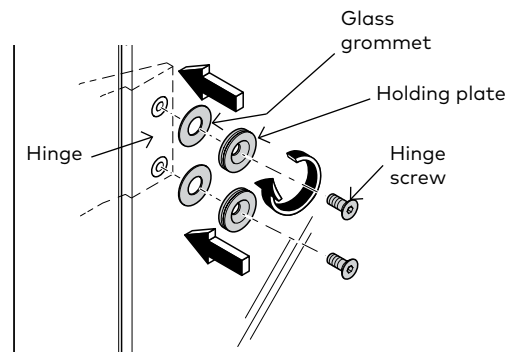
3.24.3 Ensure glass is aligned and level.

3.24.4 Ensure there is $1/4'' \pm 1/16''$ [7 ± 1] clearance between door panel and finished floor.

3.24.5 Ensure there is $1/8'' \pm 1/32''$ [$3.5 \pm .5$] clearance between door panel and door frame.



3.24.6 Close hinges onto door frame.



3.24.7 Secure from opposite side with hinge components in the following order:

- glass grommets
- holding plates
- hinge screws. Secure with 15 Nm torque.

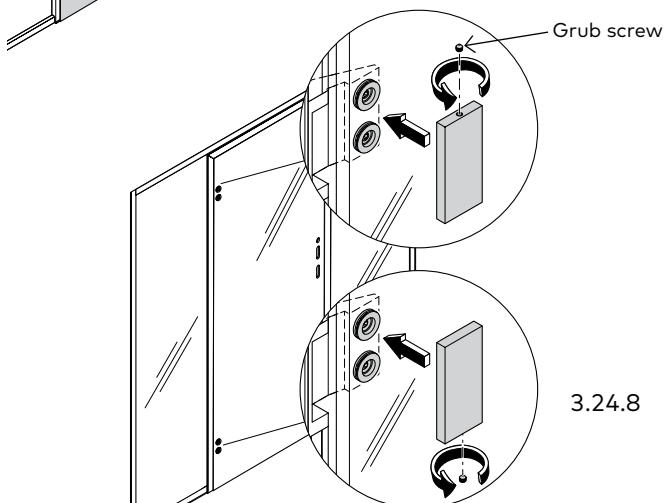
Torque value

Hinge screw	15Nm
-------------	------

Hex key size

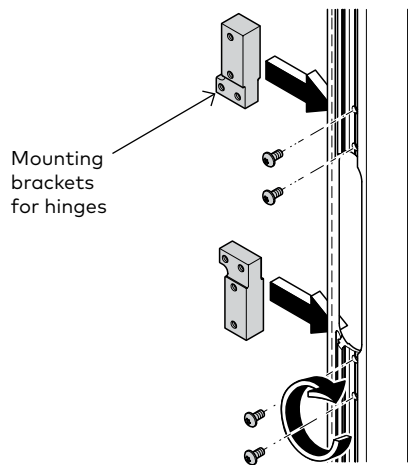
Hinge screw	3/16"
Hinge grub screw	3/32"

3.24.8 Secure hinge covers with grub screws.



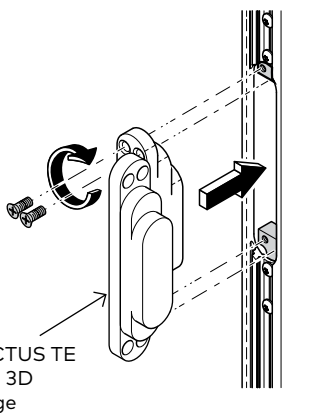
3.25 Mounting the wood door panel

Fig. 36



Mounting brackets for hinges

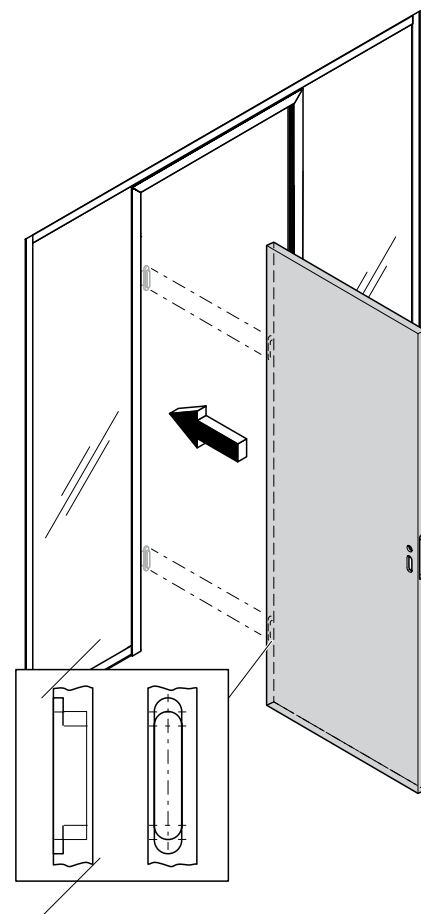
3.25.1 Position and secure the mounting brackets for the TECTUS hinges in the intended position in the vertical cover profile for the door frame on the hinge side.



TECTUS TE 340 3D hinge

3.25.2 Position and secure the door hinges on the mounting brackets in the door frame according to the mounting instructions.

- 3.25.3 Using 2 or more people, lift wood door into place on hinges.
- 3.25.4 Ensure there is $1/4" \pm 1/16"$ [7 ± 1] clearance between wood door panel and finished floor.
- 3.25.5 Ensure there is $1/8" \pm 1/32"$ [$3.5 \pm .5$] clearance between wood door panel and door frame.
- 3.25.6 Close hinges onto door frame.
- 3.25.7 Secure from opposite side with hinge in accordance with TECTUS hinge installation instructions.



3.26 Secure ITS96 arm to door

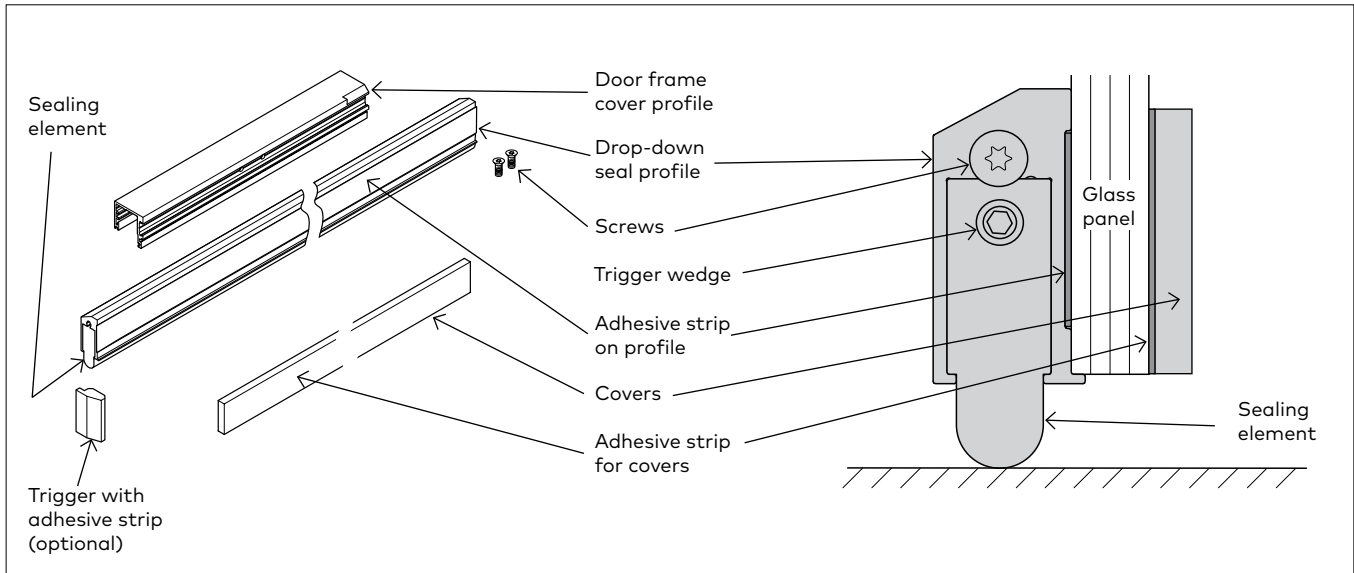
Fig. 37

- 3.26.1 Connect the IT96 closer to the track.
- 3.26.2 Follow the steps in the ITS96 installation instructions.

4 Accessories - Drop-Down Seal

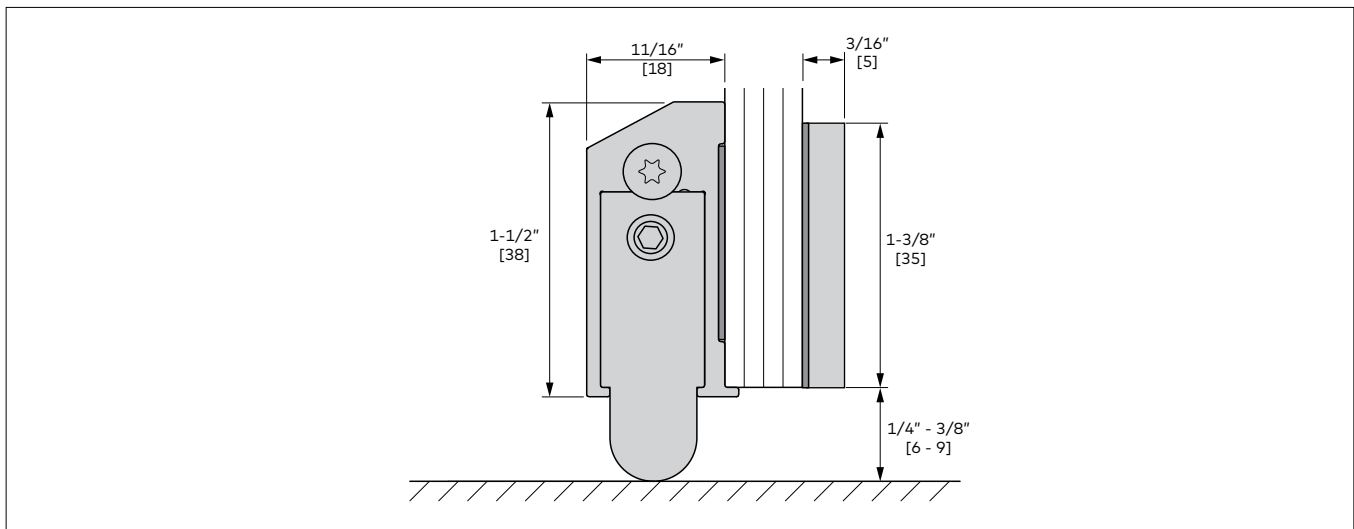
4.1 Drop-down seal parts

Fig. 38



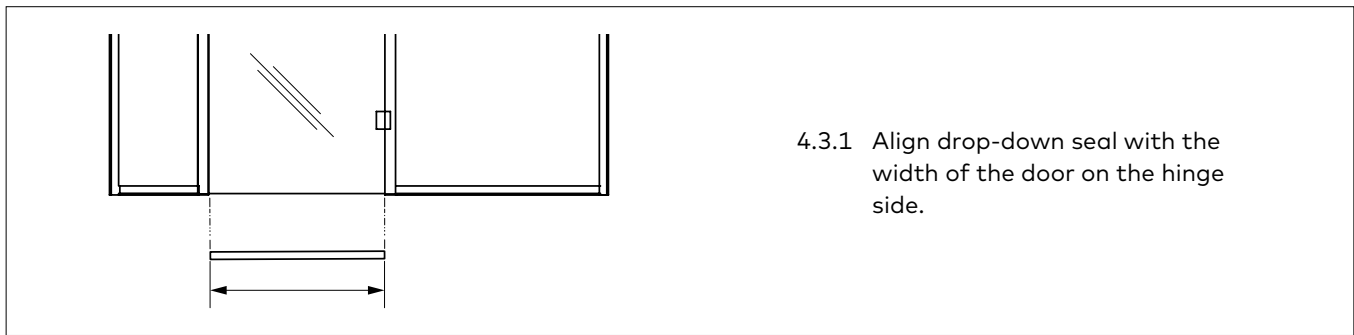
4.2 Drop-down seal technical specifications

Fig. 39



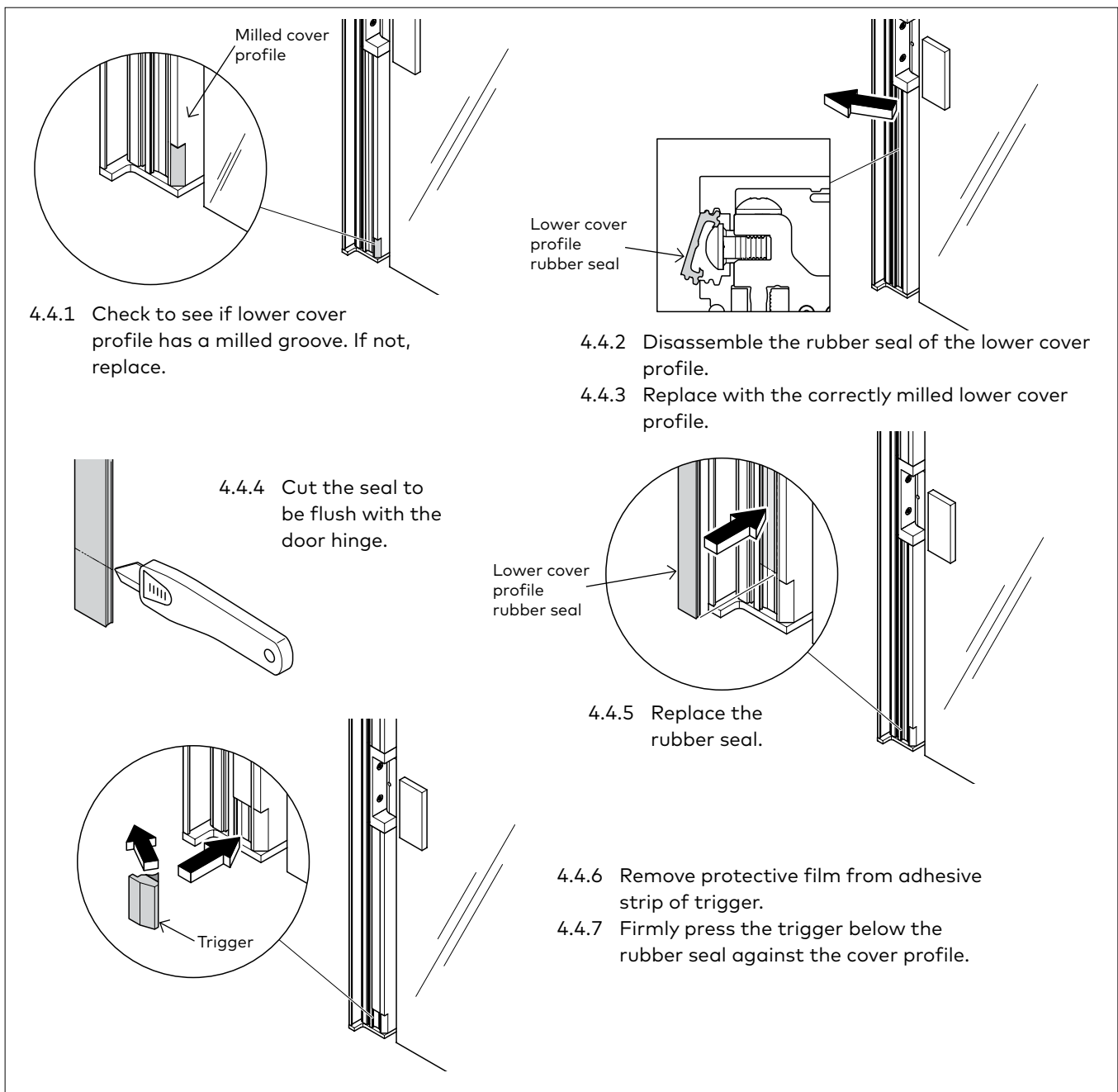
4.3 Align the drop-down seal

Fig. 40



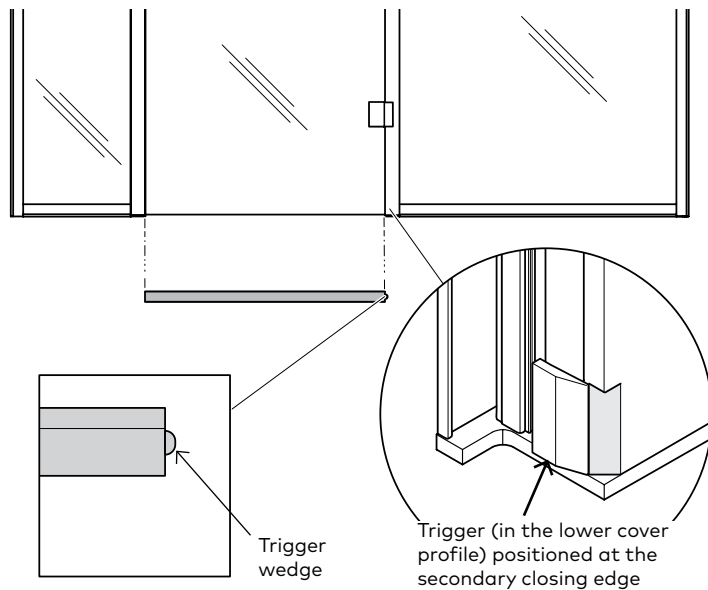
4.4 Replace milled cover profile (if necessary)

Fig. 41



4.5 Mounting the drop-down seal

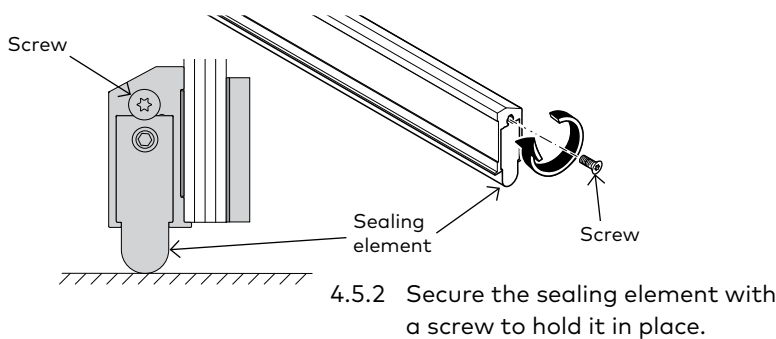
Fig. 42



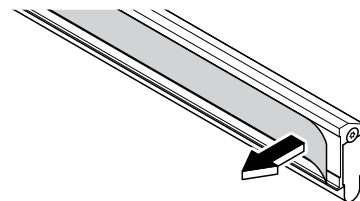
DOOR MUST BE MOUNTED PRIOR TO SECURING DROP-DOWN SEAL

4.5.1 Align the sealing element such that the trigger wedge is positioned at the secondary closing edge during mounting.

Hex key size	
Drop-down seal screw	1/8"

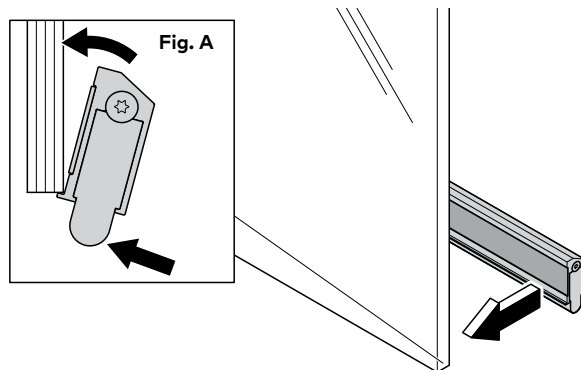


4.5.2 Secure the sealing element with a screw to hold it in place.



4.5.3 Remove protective film from adhesive strip.

NOTE: ONCE ADHESIVE STRIP HAS MADE CONTACT WITH GLASS, ITS POSITION CAN NO LONGER BE CORRECTED.



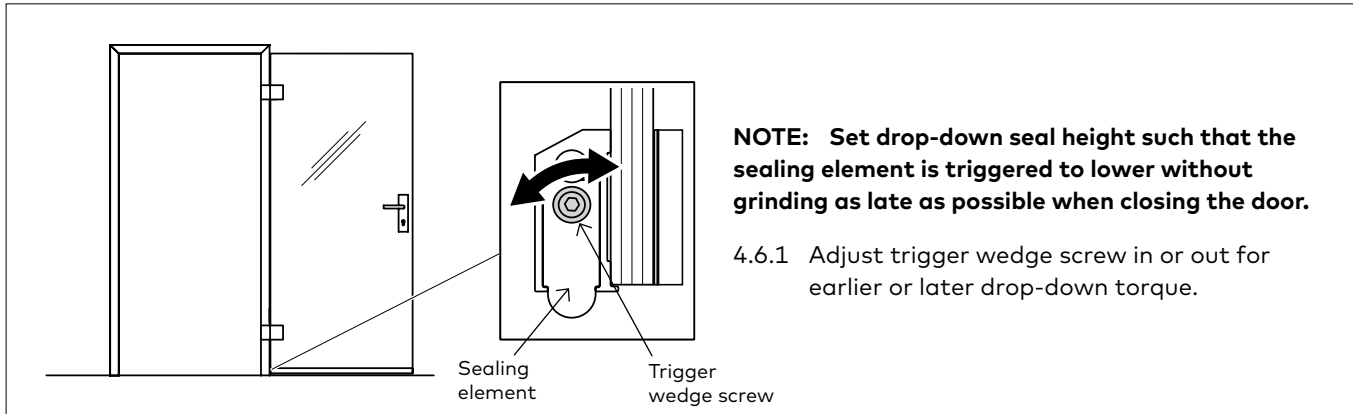
4.5.4 Align drop-down seal horizontally along bottom edge of glass.

4.5.5 Align bottom edge of drop-down seal first, then press towards glass. Fig. A.

Drying quantity	Drying time
50% bond strength	30 minutes cure time with door open
100% bond strength	72 hours cure time

4.6 Setting drop-down seal height

Fig. 43



5 Accessories - handle/pull

5.1 Mounting the handle/pull

Fig. 44

5.1.1 Follow the separate installation instructions for the handle or pull.

5.2 Mounting acoustic element

Fig. 45

5.2.1 Follow the separate installation instructions for the acoustic elements.

