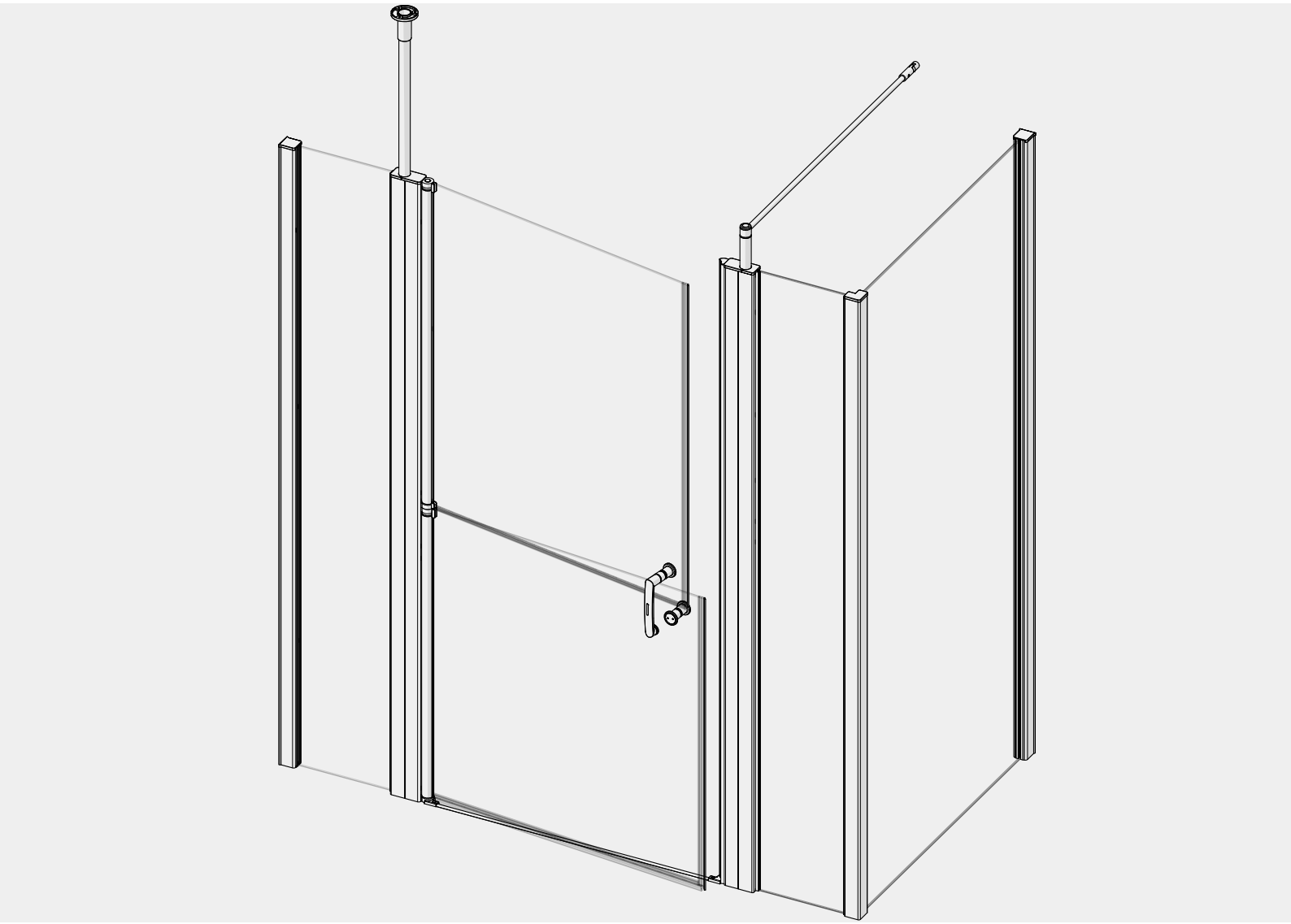
Life Made Better

Larenco Shower Screens

INSTALLATION INSTRUCTIONS



Please read all instructions before installation and leave this document with the end user for future reference as it contains important warranty information.

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Important Information

Installation of this product must be carried out by a competent person in accordance with these instructions. If the supplied fixings are unsuitable for this particular installation, appropriate alternatives must be chosen.

Read these instructions to see how everything fits together. Determine the position of each element and its screw hole positions by way of a dry fit, but do not drill any holes until the positions are finalised.

Larenco glass screens are a modular screen system. Consequently, there are many possible configurations which can accommodate most showering areas. Determine which configuration is to be installed before starting on the installation.

This manual refers to some parts of the screen by their part number, which takes the form 12-345-678. Refer to the component lists to identify the parts by number.

By proceeding with installation, you are accepting that the product is in an acceptable condition. Claims of faulty/damaged product once installation has begun are void.

The manufacturer is not responsible for any costs incurred through installation that is not in accordance with these instructions.

Important Information

Caution:

- This product is heavy. Get someone to help lift and install it if necessary.
- Use the appropriate personal protective equipment when using power tools.
- Disconnect power tools from the electrical supply when you have finished with them.
- Make sure that any electrical cables do not cause a trip hazard.
- Do not use the drill's hammer action on tiles. Place a piece of masking tape on the tile to stop the drill bit from slipping.
- Take care when you unpack the product. Do not inadvertently discard any small parts.
- Take care when handling the extrusion profiles. They may have sharp edges.

Before you start work:

- Use the component lists to verify that all parts are present and in good condition. If any parts are missing or damaged, contact AKW General Enquiries.
- Check that the walls are sound and free from cracked or loose tiles or grout.
- Check that the shower tray or wet floor is ready for shower screen installation.
- Check for any buried cables or pipework before drilling into a wall.

While you work:

- Make sure that all surfaces are clean, dry, and free from dust and debris.
- Protect the surface of the shower tray and cover the waste to prevent anything from entering the waste trap.
- Follow the manufacturer's instructions when applying any degreasing agent or silicone sealant.
- Use the external packaging to protect the floor and wall while you assemble the product.

After installation:

- Do not wet the shower enclosure for 24 hours to ensure that any silicone sealant is fully cured.
- Dispose of the packaging in accordance with local recycling authorities.
- Please take any unused aluminium extrusion profiles to the recycling.
- Take any unused castings to a scrap metal merchant.

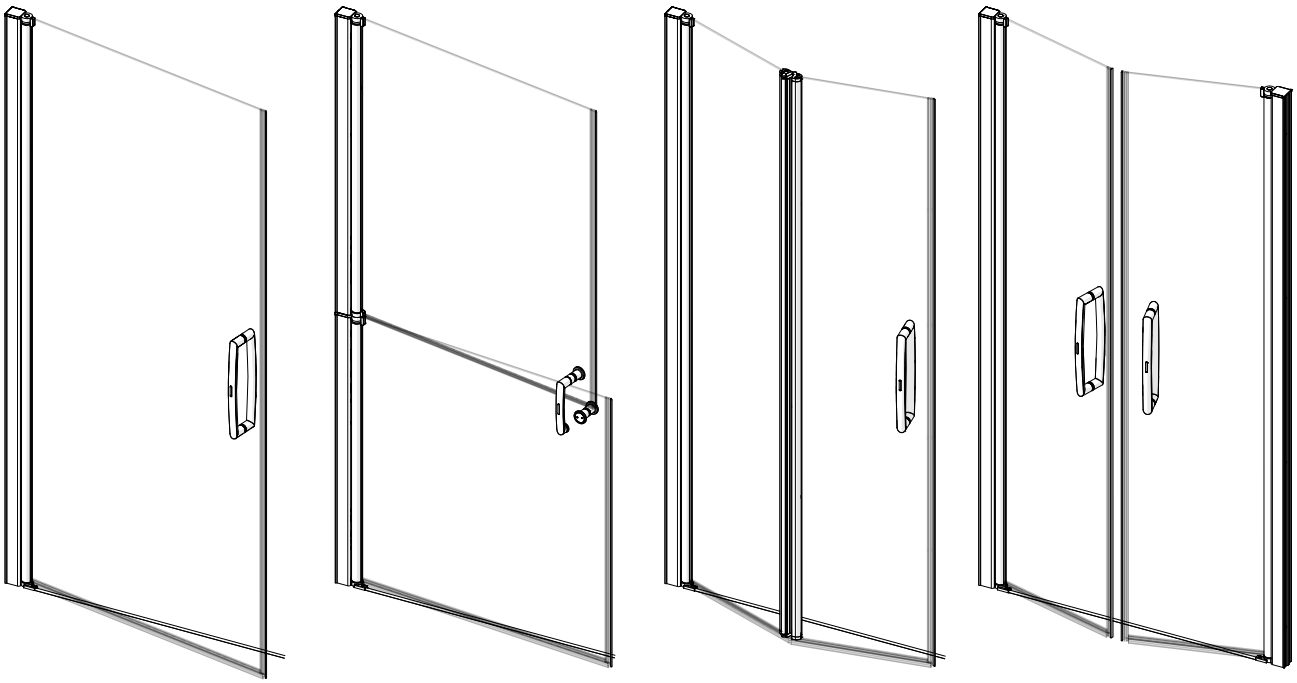
Chirality of images and installation

The hand of an install is determined by the position of the waste. Hence, in a left hand install, the waste hole is on the left as you look at the showering area from the front. Do not confuse install hand with door orientation. A door can hinge from the left or the right while still being in a left hand install. All images in this manual show a left hand install. The right hand equivalent is simply the mirror image. Place a reflective surface on either side of any image to see its right hand equivalent. (A smart phone screen with the screen turned off will do the trick.)

These instructions advise the minimum standards of installation. Due to the variety of installation conditions, AKW cannot account for all circumstances. This information is provided on the condition that the installer determine its suitability for each case.

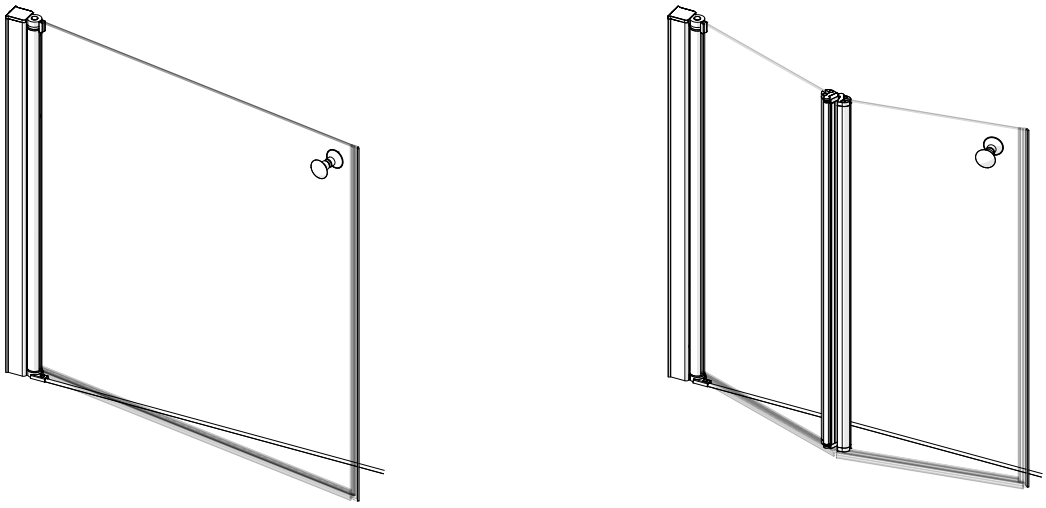
Door Types

Full height **1900 mm**



Plain Duo Bi-fold Saloon

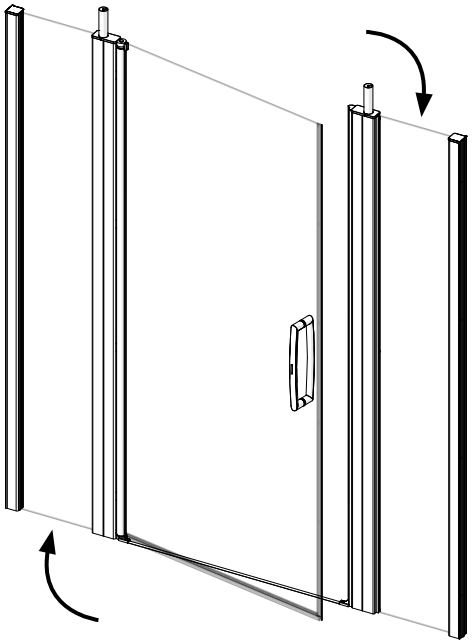
Half height **900 mm**



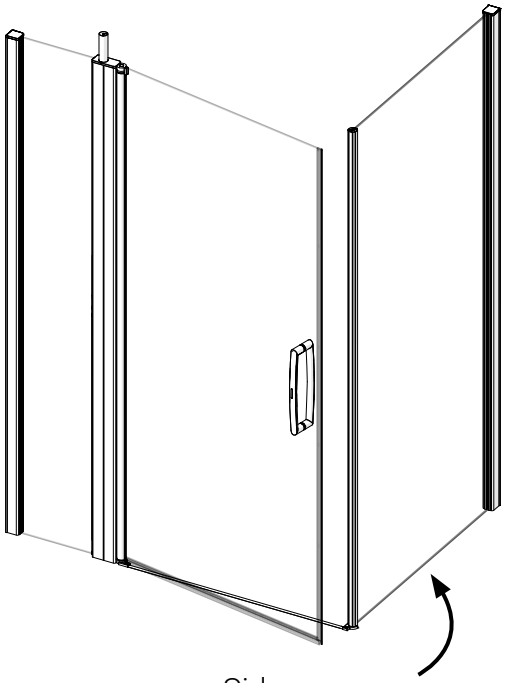
Plain Bi-fold

Plain, duo, and bi-fold doors close onto a magnet strip housed in a panel or a close-to column. These three door types are the same from a sizing point of view. The saloon door closes onto itself. This difference is why it is listed separately in the **Sizing** section.

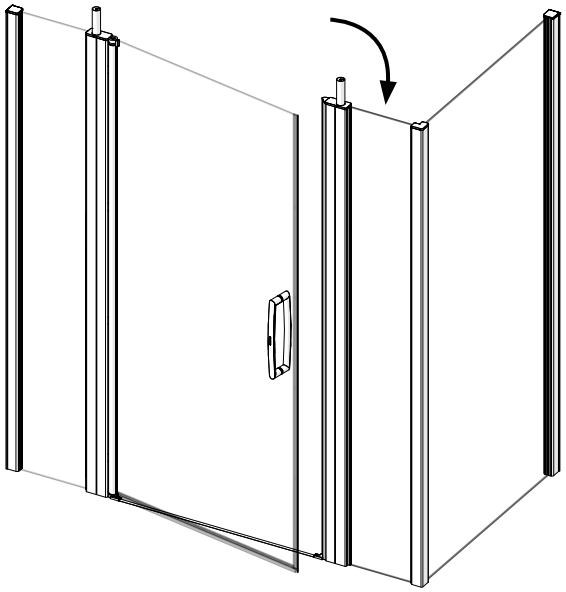
Panel Types



In-line



Side



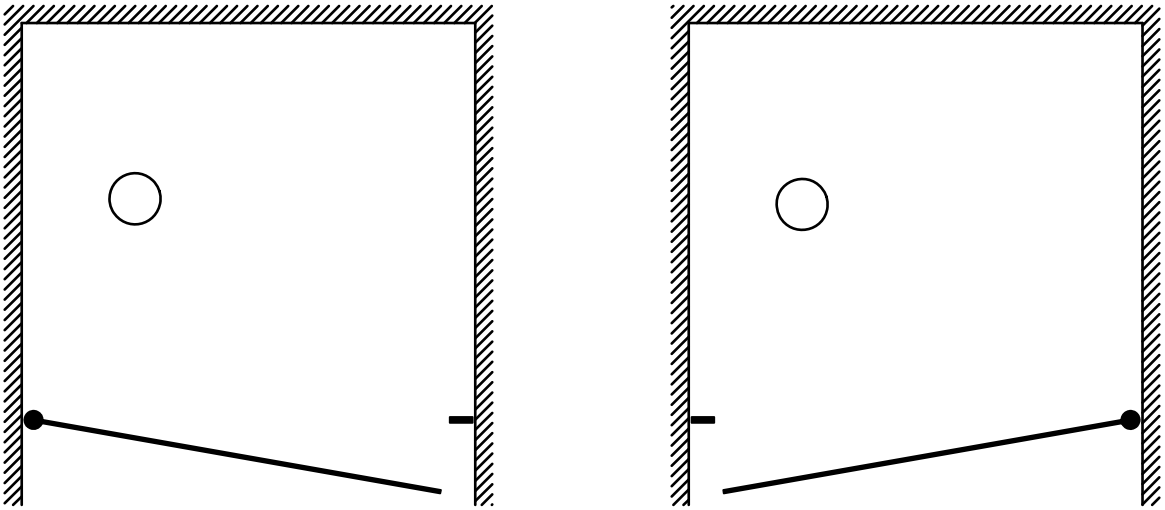
Corner

The three panel types have half height equivalents. They are not pictured because they are simply what is shown with the top half chopped off.

The images of the panels here do not show the support means (see step 5). This is merely for the sake of clarity.

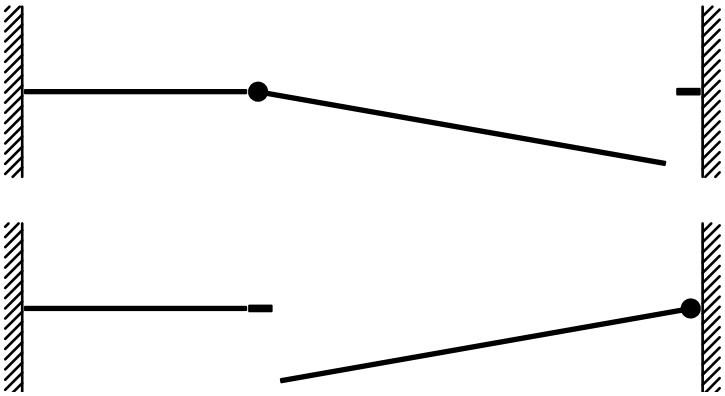
Alcove Configurations

Door



These two are quite obviously the same in terms of the screen. Notice that both are left hand installs (see last section page 3). In this configuration, flipping the orientation of the door produces no difference in terms of how the screen goes together, but this is not always the case. Additionally, the opening side of the door is usually away from the waste, but both away and near positions are achievable. The subsequent images omit the waste position since it has no bearing on the screen's configuration, other than whether it is considered a left or right hand install.

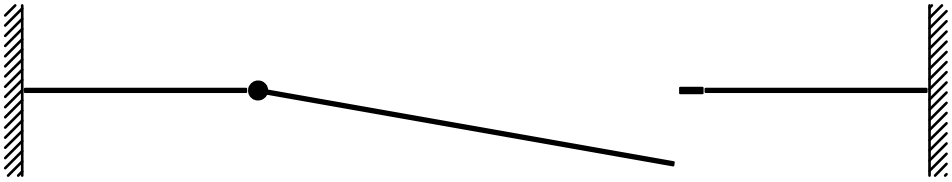
Panel + door



Door closing on wall

Door closing on panel

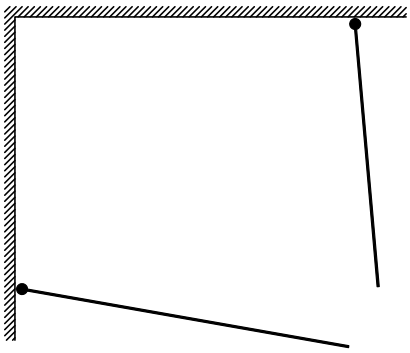
Panel + door + panel



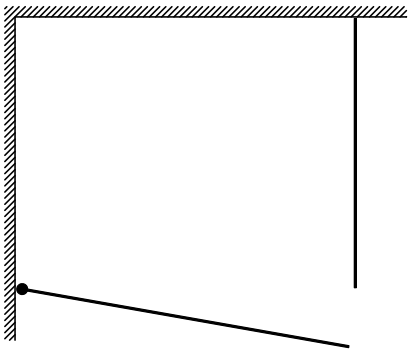
Here, again, flipping the orientation of the door produces no fundamental difference in how the screen fits together. The same is not true for **Panel + door**, in which the close-to column must be placed on the wall or in the panel, depending on the door's orientation.

Corner Configurations

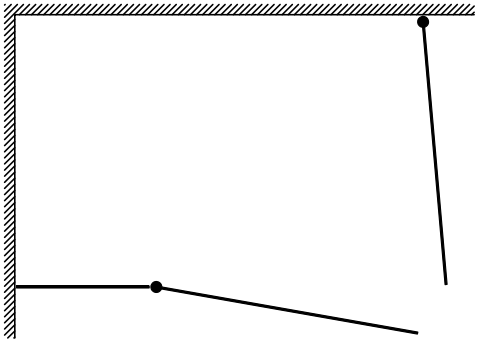
Door __| Door



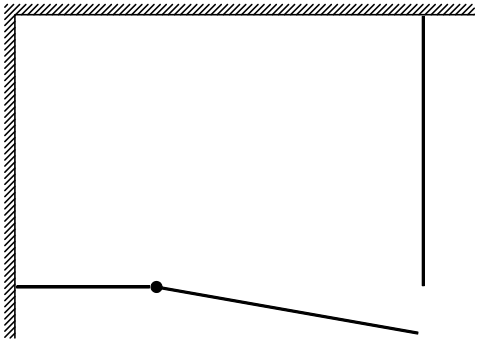
Door __| Panel



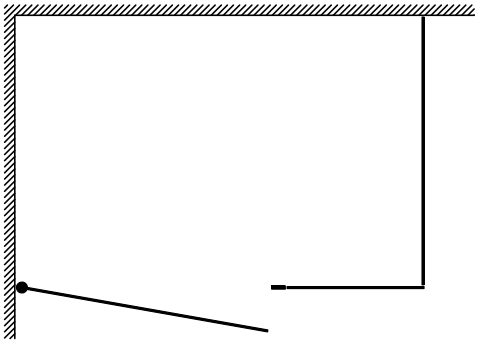
Panel + door __| Door

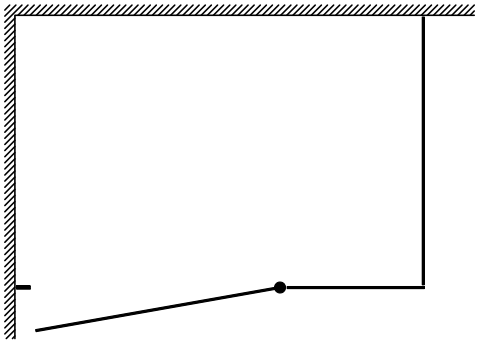


Panel + door __| Panel

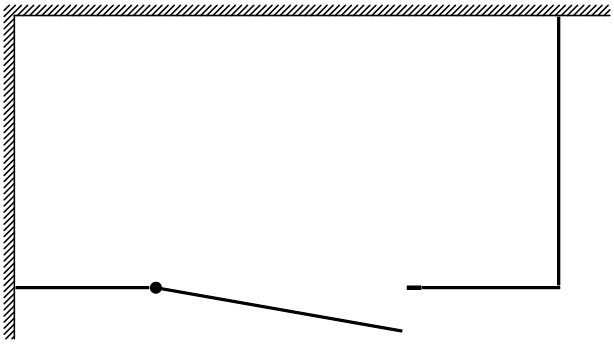


Door + panel __| Panel





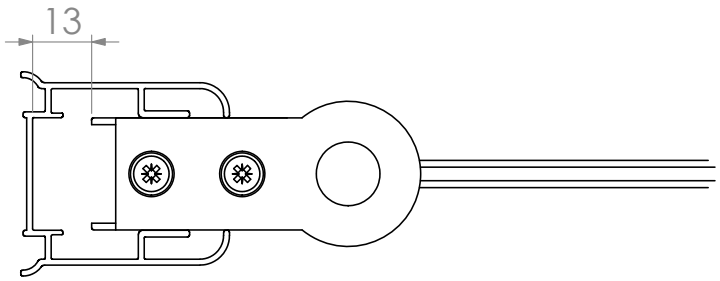
Panel + door + panel __| Panel



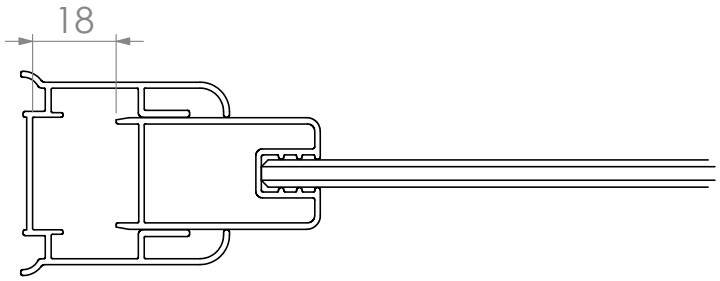
Other configurations are possible. These listed here are the common ones.

Sizing

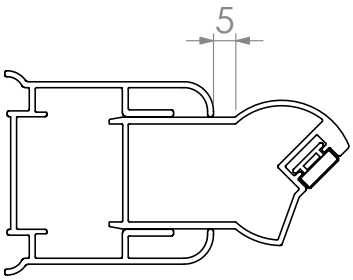
These diagrams show how much compensation each part has to offer. The diagrams show the screen elements in the fully extended position. The compensators can therefore slide onto the screen elements by the amounts shown. When adjusting the screen elements during installation, do not extend by more than the values displayed here.



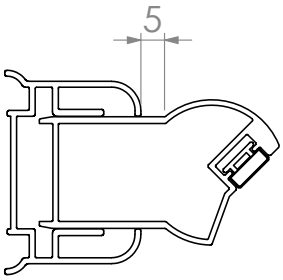
Door in a wall comp



Panel in a wall comp

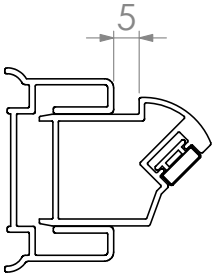


Normal close-to in a wall comp



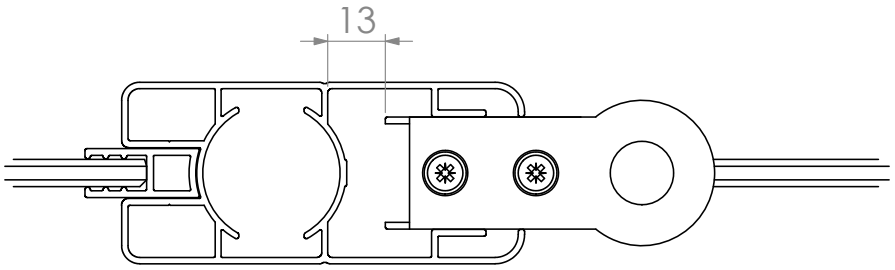
Narrow close-to

(This has its own wall comp which nothing else uses.)

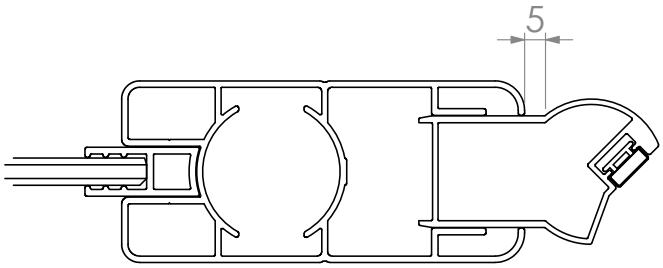


Extra narrow close-to

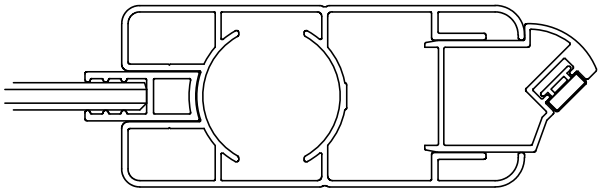
(This has its own wall comp which nothing else uses.)



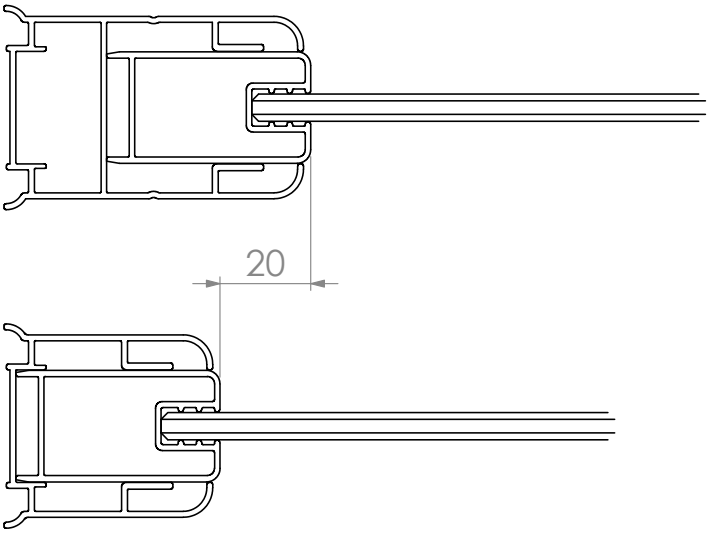
Door in a holding profile



Close-to in a holding profile



An extra narrow close-to in a holding profile has no compensation.



A wide wall compensator increases the size of the screen by 20 mm. It can be used in place of any regular wall comp.

Simply add 20 to the sizes on the following pages if a wide wall comp is used. For example, 774 - 787 becomes 794 - 807.

Sizing

Refer to pages 6 and 7 to see what configuration is being referenced.

Alcove

Door

• with normal close-to column	817 - 835
• with narrow close-to column	801 - 820
• with extra narrow close-to column	782 - 800
• saloon	785 - 812

These sizes are for a nominal install size of 800 mm (namely, a single 800 door). Add 100 to these values for a 900 door, add 200 for a 1000 door.

Panel + door

• with normal close-to column	1189 - 1225
• with narrow close-to column	1174 - 1210
• with extra narrow close-to column	1154 - 1190
• saloon	1157 - 1202

These sizes are for a nominal install size of 1200 mm (400 panel + 800 door). Add 100 mm increments to get 1300, 1400, and so on.

Panel + door + panel

• with normal close-to column	1561 - 1615
• with extra narrow close-to column	1547 - 1596
• saloon	1530 - 1592

These sizes are for a nominal install size of 1600 mm (400 panel + 800 door + 400 panel). Add 100 mm increments to get 1700, 1800, and so on.

Corner

The numbers in brackets in the following tables are the nominal install size.

	Front (1000)		Side (800)
Door __| Door	974 - 987	×	774 - 787

These sizes are for a 1000 door on the front and an 800 door on the side. A 900 door is 874 - 887.

	Front (800)		Side (700)
Door __| Panel	782 - 796	×	677 - 695

800 door on the front, 700 panel on the side. Add 100 mm increments to get other the sizes.

	Front (1200)		Side (800)
Panel + door __| Door	1146 - 1177	×	774 - 787

400 panel + 800 door on the front, 800 door on the side.

	Front (1200)		Side (700)
Panel + door __| Panel	1154 - 1186	×	677 - 695

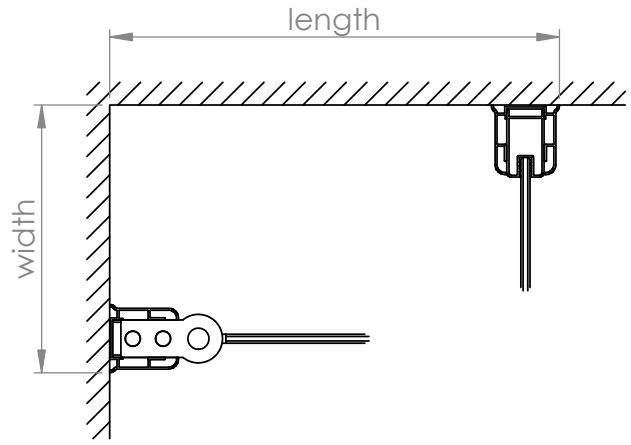
400 panel + 800 door on the front, 700 panel on the side.

	Front (1200)		Side (700)
Door + panel __| Panel	1183 - 1200	×	682 - 700
Saloon door + panel __| Panel	1151 - 1177	×	682 - 700

800 door + corner panel (see bottom of page 5) on the front, 700 panel on the side.

	Front (1600)		Side (700)
Panel + door + panel __| Panel	1554 - 1590	×	682 - 700
Panel + saloon door + panel __| Panel	1523 - 1567	×	682 - 700

400 panel + 800 door + corner panel on the front, 700 panel on the side.



The sizes given in this section are to the outermost edge of the wall comps.

The images in the installation section of this manual show full height panels and plain doors. Others types are shown only when explicitly required. This is because the installation process for the different door types is largely the same. Similarly, the installation process for full height and half height is largely the same. Accordingly, the images use the same screen elements so that it is easy to track the progress of the screen as it is installed.

Step 1: Planning and Placement

- For alcoves, locate the two wall compensators at the desired position on the tray or wet floor area.
- For corners, locate the wall compensators in a position that allows the panels and doors to fit together given their available compensation.

Refer to the **Sizing** section if necessary.

- For shower trays, position the wall comps on the flat area around the tray's edge. Avoid installing them over the tray's edge as this may cause leakage. *Figure 1.1*
- For safety flooring, the wall comps sits on 10-010-138. Trim this part to suit the curve of the flooring. Cut 100 mm off the bottom of the wall comps. *Figure 1.2*

⚠ The holes in the side of the wall comps should be on the inside of the showering area.

I. Prepare the wall comps and 10-010-138 as above if appropriate.
II. Place the wall comps in the desired position, ensuring that they are vertically level.
III. Mark the fixing holes on the wall.
IV. Remove the wall comps and drill holes in the wall.
V. Insert wall plugs, or otherwise as appropriate.
VI. Offer the wall comps up and fix to the wall using 4.2 x 32 mm pan head screws, or otherwise as appropriate.

Duo doors have a split wall comp. Proceed through the steps above with only the lower piece. The upper part can be installed once the lower door has been fixed to its wall comp. When the upper wall comp is ready to be installed, place the joining piece, 10-010-125, on top of the lower wall comp and repeat the steps above. *Figure 1.4*

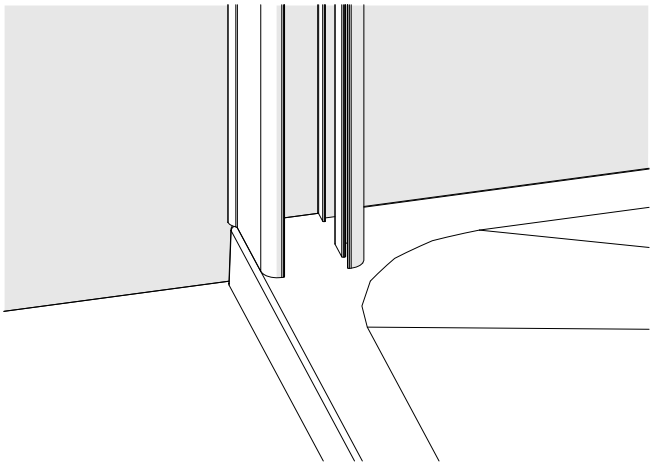


Fig. 1.1

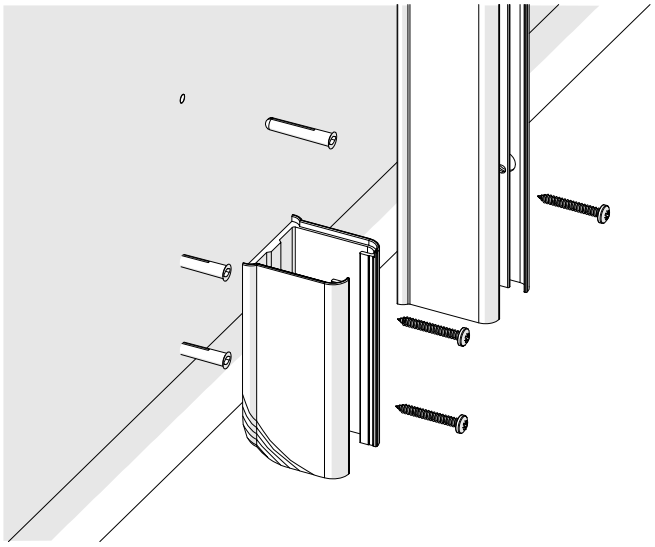


Fig. 1.2

Step 1: Planning and Placement

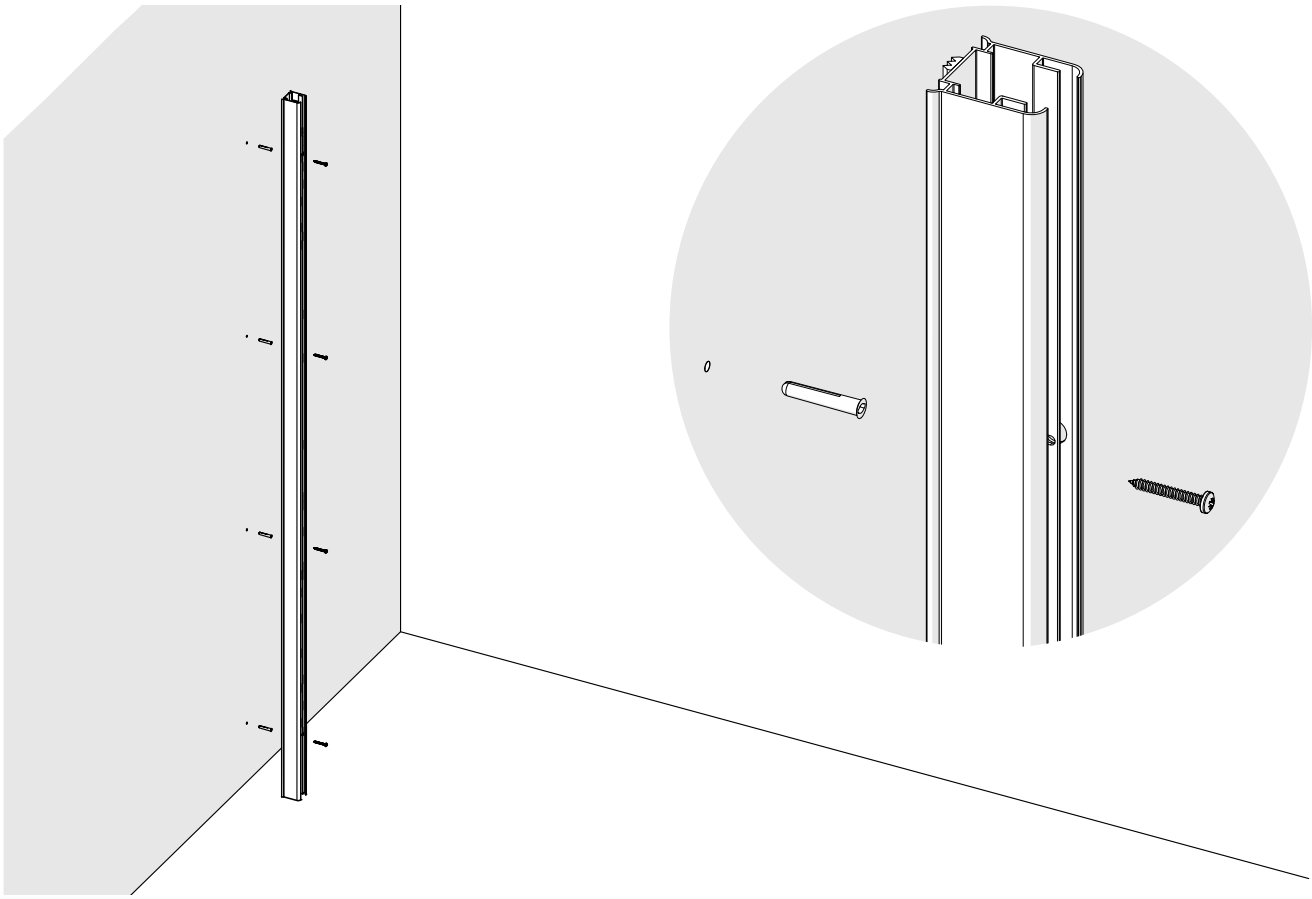


Fig. 1.3

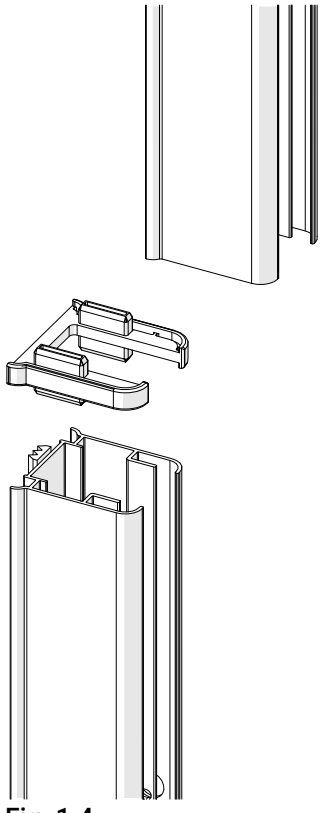


Fig. 1.4

Step 2: Placement of Panels

Skip this step if your installation has no panels.

- 400, 500, and 600 panels have a big extrusion on the end which holds the door. This big extrusion is officially called the 'door holding profile' but it will be subsequently referred to as the 'whopper'.
- 700 to 1000 panels have a round extrusion instead of the whopper. Hence, if they are to be used as in-line panels, they need adapting. Remove the round extrusion and slide the whopper on in its place. *Figure 2.1*
- The round extrusion, whopper, and corner extrusion may need reorientating depending on the hand of your install. Pull the extrusion off, rotate it or flip it over, and push it back on. The holes in the side should be on the inside of the showering area.

I. Place the panel(s) into the wall comp(s). *Figure 2.2*
   - The extrusion that slides into the wall comp may need its back corner trimming in order to account for curve of the safety flooring.

II. To install a corner enabling panel, remove the round extrusion from the side panel and push the corner extrusion on in its place. Place the rest of the corner enabling panel into the corner extrusion. *Figure 2.3*
   - Make sure that the corner extrusion is pushed fully onto the two panels.
   - You may need to temporarily fix the corner extrusion to the side panel to stop the corner enabling panel from falling over.

⚠ Make sure that each panel sits properly on the shower floor. Any obstructions under a panel could result in the screen not fitting together properly and/or leaks.

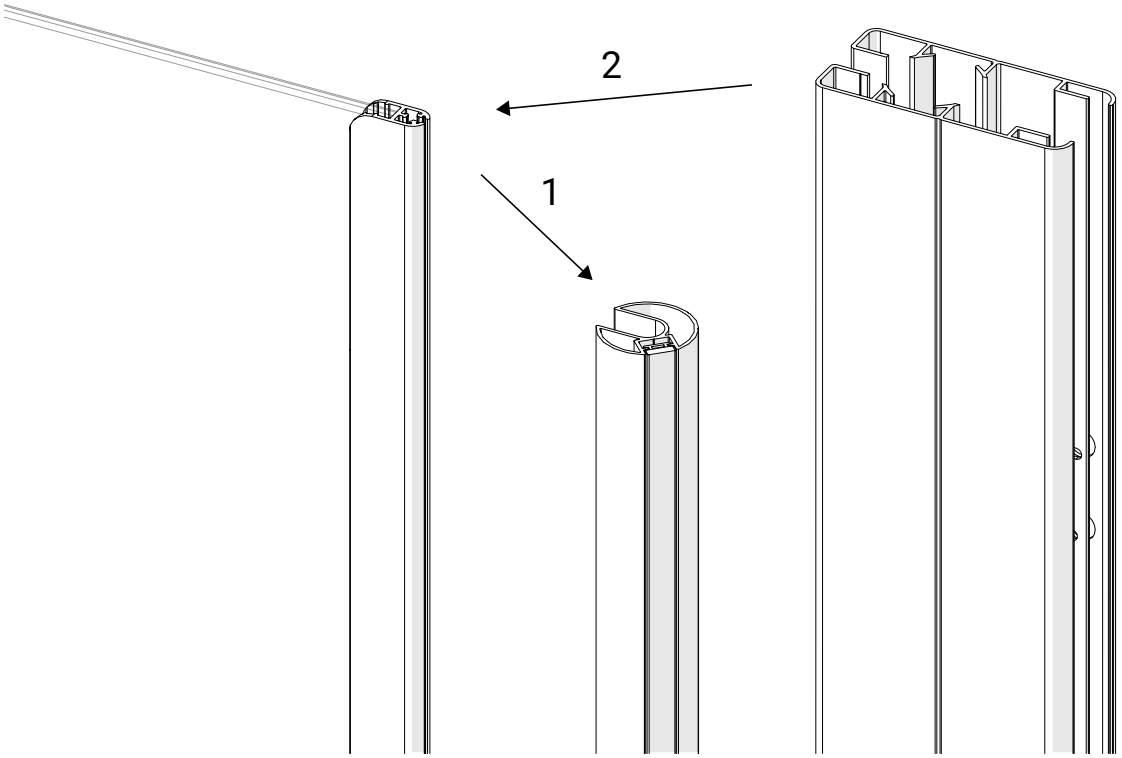


Fig. 2.1

Step 2: Placement of Panels

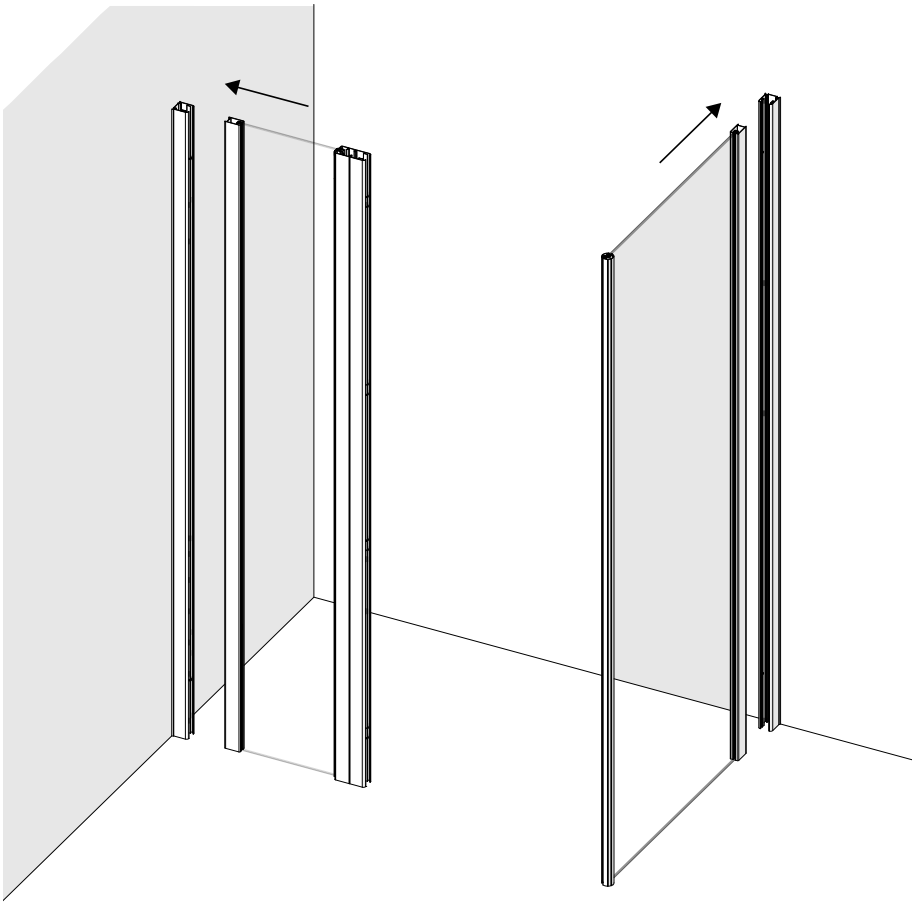


Fig. 2.2

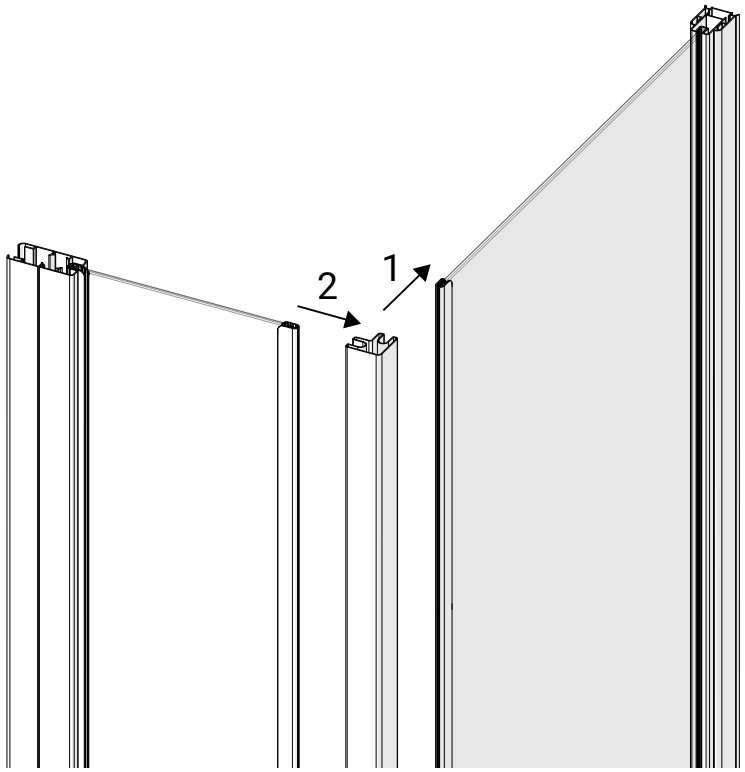


Fig. 2.3

Step 3: Placement of Doors

If installing a duo door, use only the bottom door for this part of the installation.

I. Insert the door(s) into the wall comp(s) or whopper(s). *Figure 3.1*
II. Insert the close-to column (if present) into the wall comp or whopper. Note the orientation.
III. Slide the door(s), panel(s), and close-to in and out using the available compensation. Once the screen elements fit together, the final position is set.

⚠ Keep everything aligned and level while making any adjustments to the positions.

IV. Draw around the outline of the extrusion(s).*
    - The templates at the back of this manual will be used to position the locating block(s).
V. Drill 3.5 mm holes through the existing holes into the door(s), panel(s), and close-to. *Figure 3.3*
VI. Offer the bump strip holders up to the door(s) and close-to, then mark the hole positions. *Figure 3.4*
    - The bump strip and its holders are not required for wet floors.
VII. Disassemble everything so that only the wall comps remain in place.

*Alternatively, lift the screen element very slightly so that the template can be slid underneath. Then use masking tape to keep the template in place.

There are three close-to columns: normal, narrow, and extra narrow (see page 8). Their installation is the same.

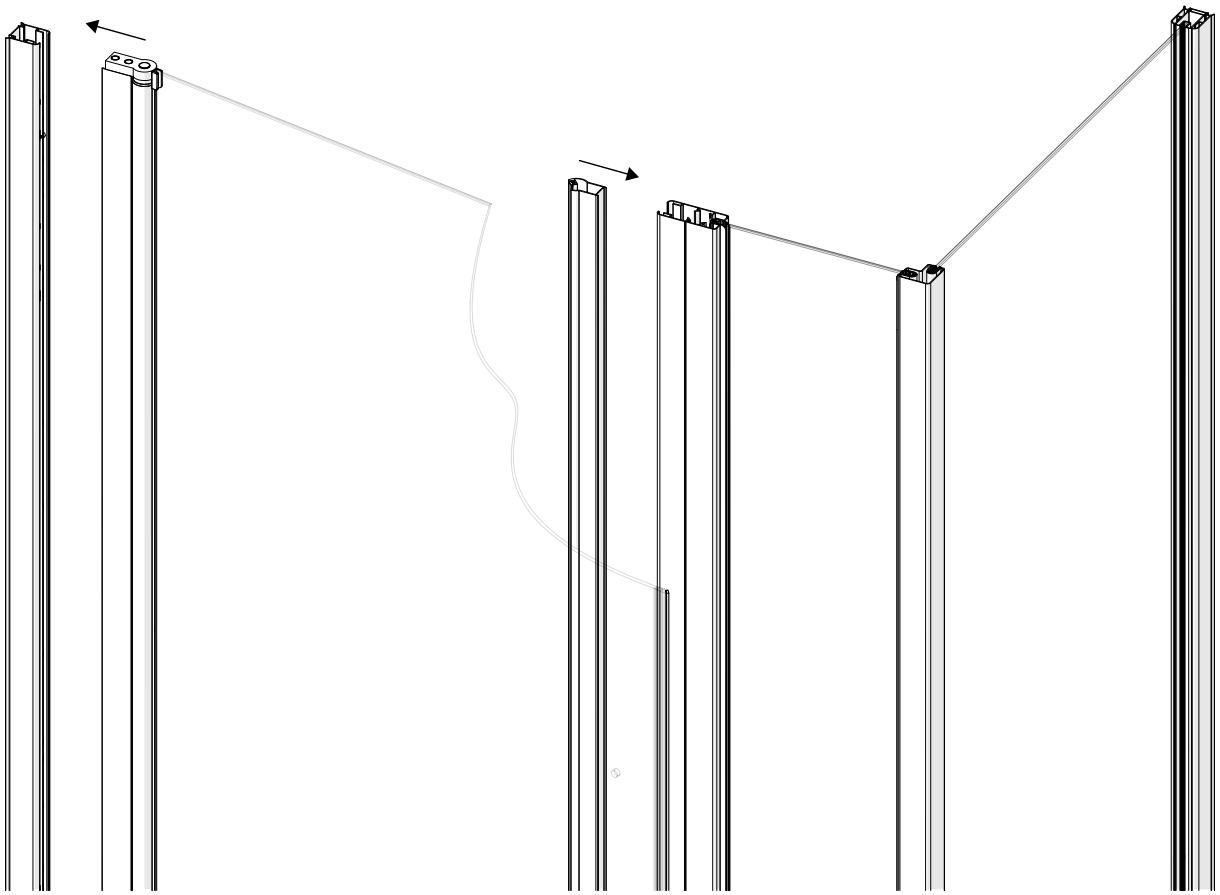


Fig. 3.1

Step 3: Placement of Doors

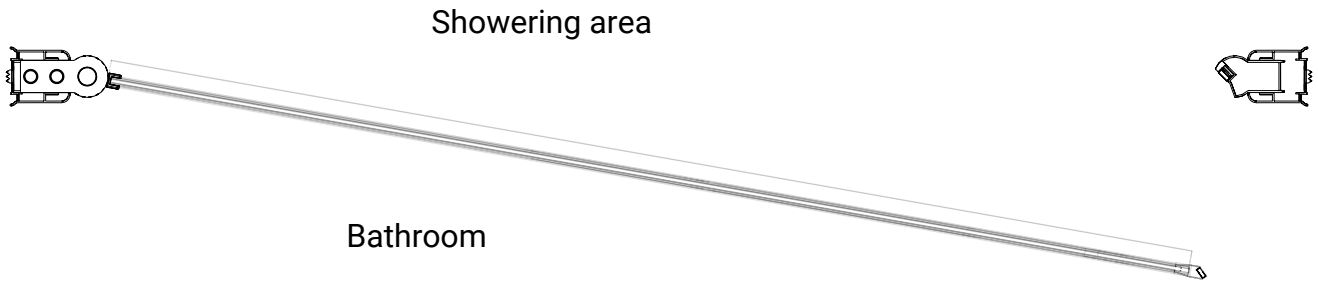


Fig. 3.2

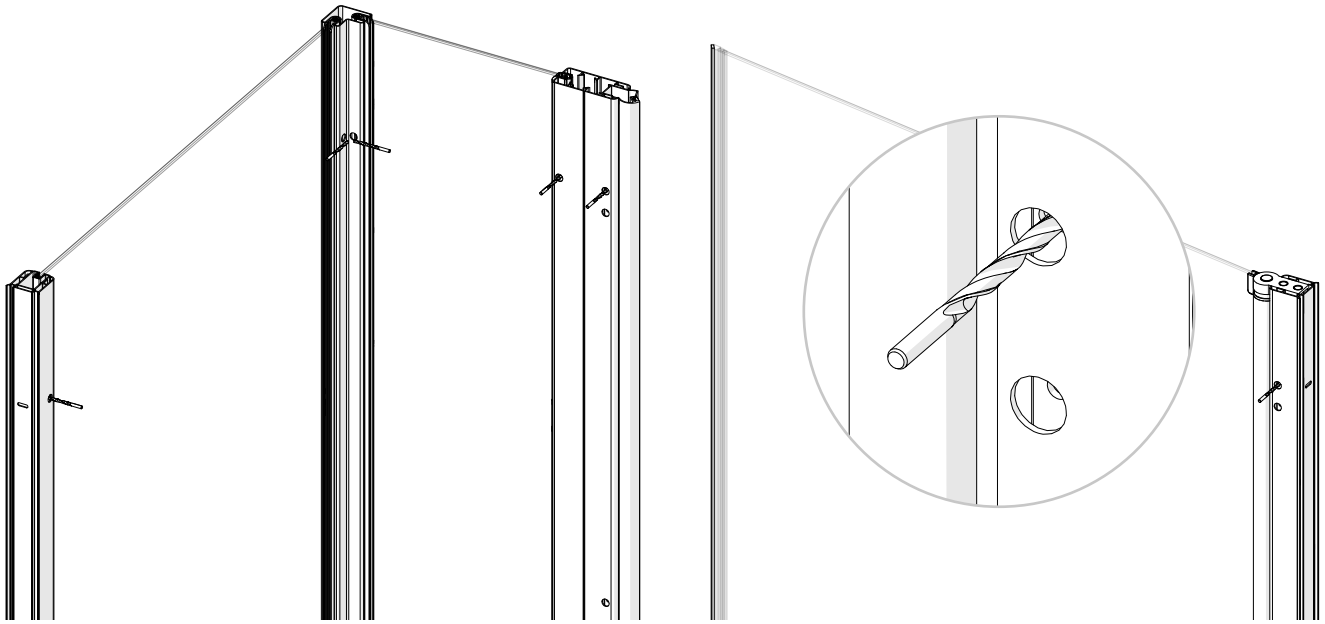


Fig. 3.3

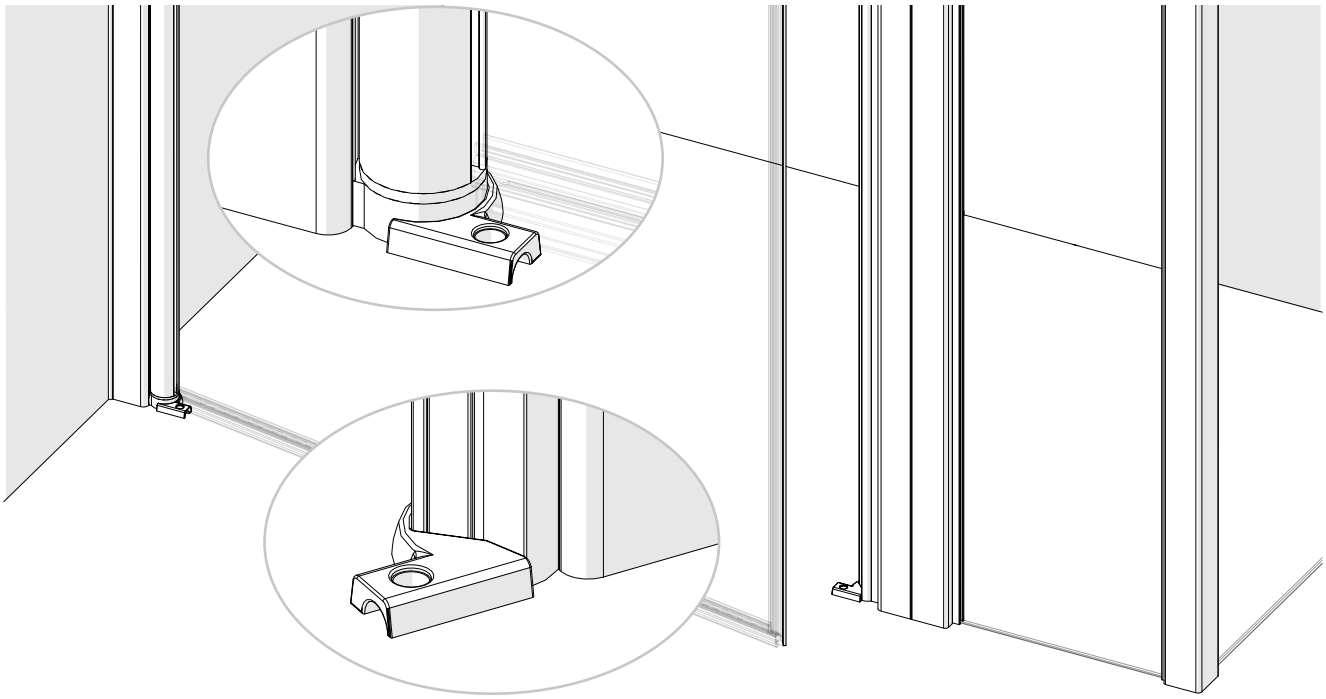


Fig. 3.4

Step 4: Installing Panels

Skip this step if your installation has no panels.

⚠ If the screen has any support means (detailed in the next step) that will be impossible to install once the panel is in place, because of a low ceiling for example, insert them now.
TIP: To stop a pole from falling down the whopper, screw a spare screw through the wall that surrounds the pole.

I. Cut the templates at the back of this manual out and align them with the outline of the extrusions.
II. Drill the holes for the locating block(s) and the bump strip holders.
    • Some shower floors can take a screw directly. Others will need a wall plug.
III. Fasten the locating blocks down with 4.2 x 32 mm pan head screws or other fixings if necessary.
IV. Put the panel(s) into the wall comp(s) and lower onto the locating block(s). *Figure 4.2*
V. Fix the panel(s) in place using 4.2 x 9.5 mm pan head screws. *Figure 4.3*
    • Side panels must be put in before a corner enabling panel.

Apply some silicone sealant to any screw holes in the shower floor before screwing the screw in.

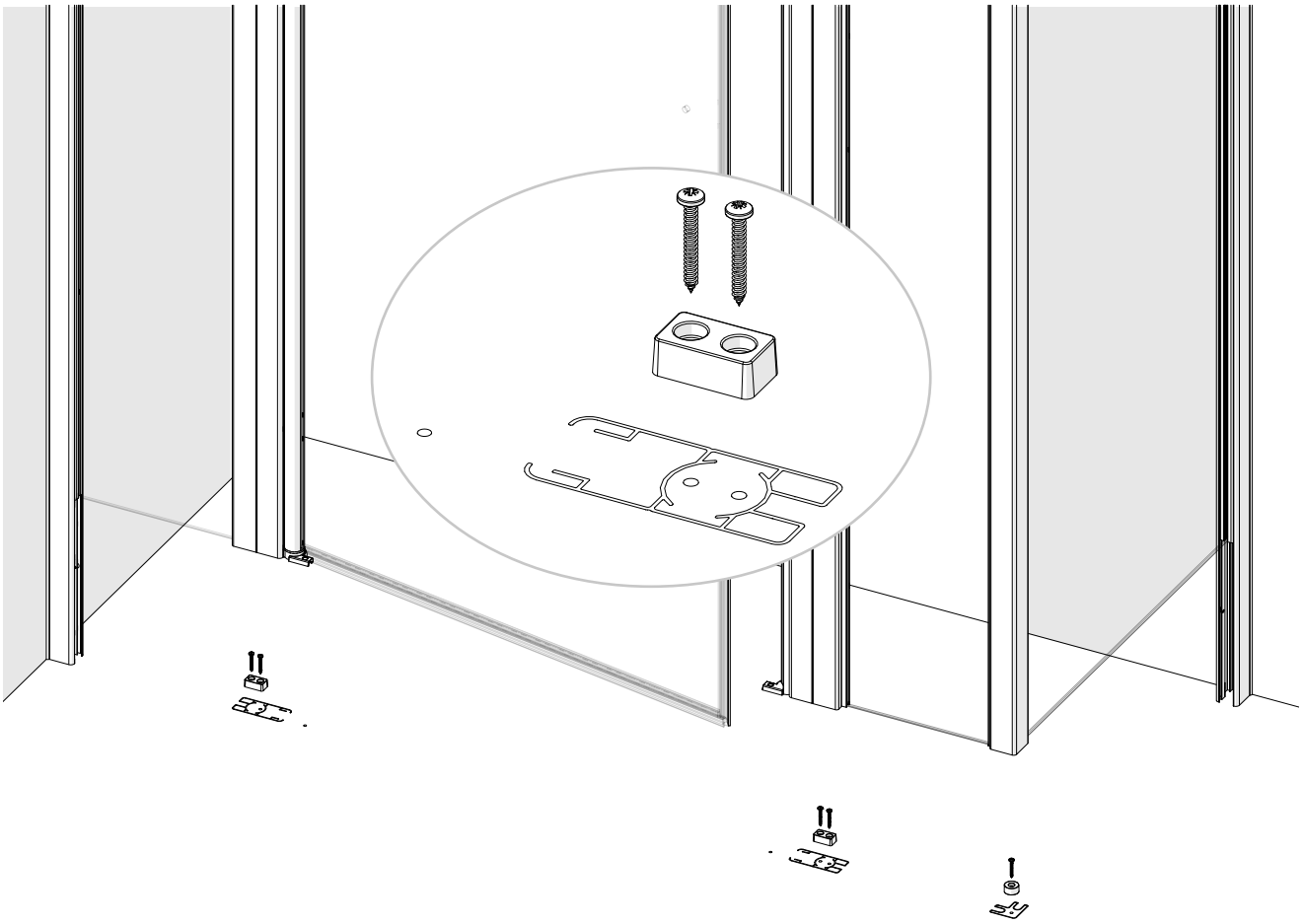


Fig. 4.1

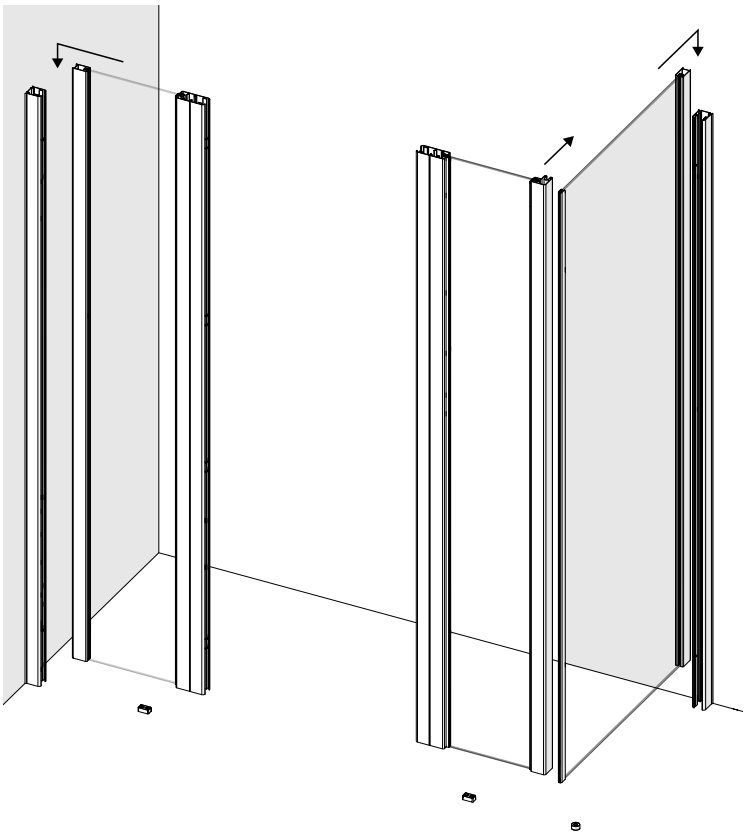


Fig. 4.2

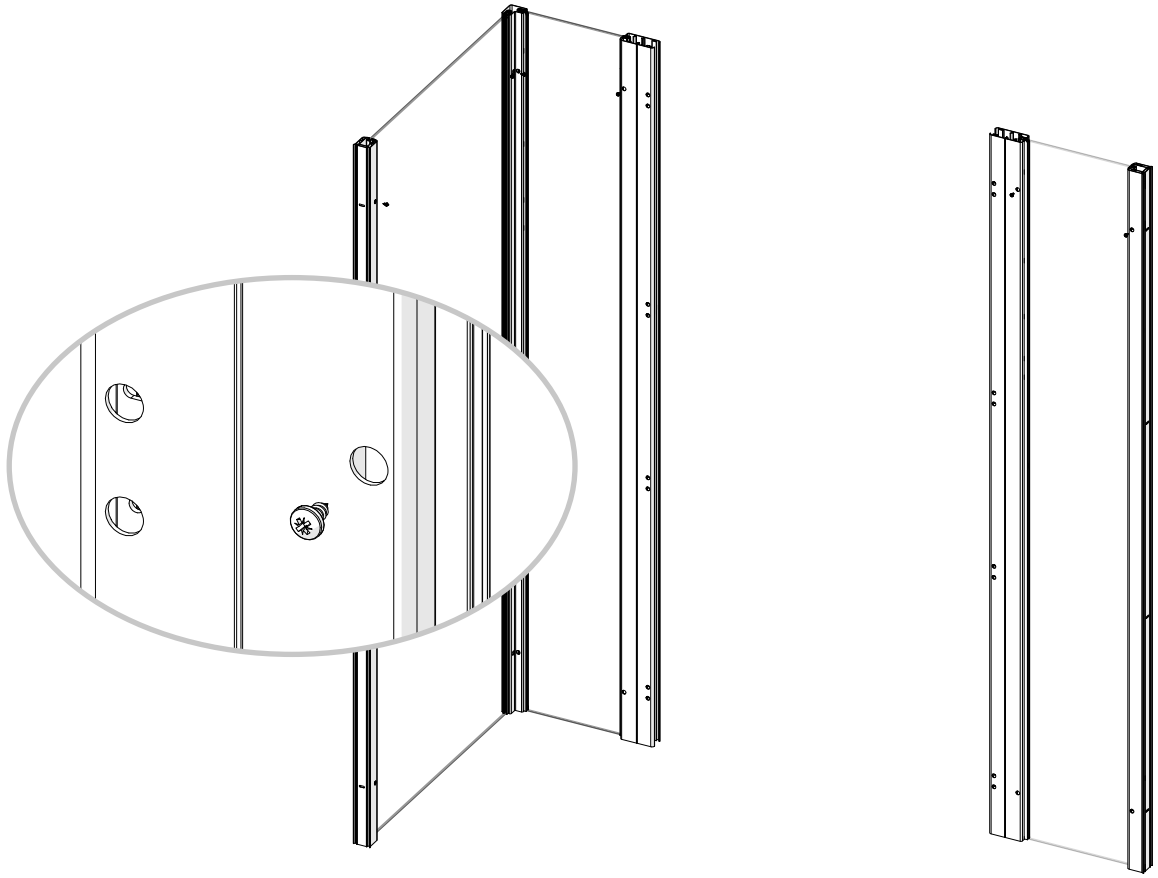


Fig. 4.3

Step 5: Attaching Support Means

- Full height in-line panels are supported either by a tie bar or a ceiling pole.
- Full height side panels are supported only by a tie bar.
- Half height panels are supported only by a ceiling pole.

Tie Bar *Figures 5.1 & 5.2*

I. Observe how the parts fit together. Determine the length of the tie bar, then cut it to length.
   - The tie bar does not need to be run perpendicular to the wall.

II. Disassemble the wall bracket and fasten one half to the wall.

III. Assemble the parts for the tie bar and fix everything together.
   - Rotate the pole so that its internal wall is away from where the screws will bite.
   - Ensure that enough pole is in the whopper to get all three screws in.

Ceiling Pole in a Whopper *Figure 5.3*

I. Place the wall bracket over the pole and lift them both up to the ceiling.

II. Mark and drill the fixing holes, then fasten the wall bracket to the ceiling.

III. Fasten the pole to the whopper.
   - Rotate the pole so that its internal wall is away from where the screws will bite.

Ceiling Pole at a Half Height Corner *Figures 5.3 & 5.4*

I. Place 14-010-174 over the top of the extrusion on the end of the panel. Note the orientation.

II. Cut the pole to length.

III. Place the pole through the wall bracket and then into 14-010-174.

IV. Tighten the set screws in 14-010-174 to fix the pole.

V. Fasten the wall bracket to the ceiling.

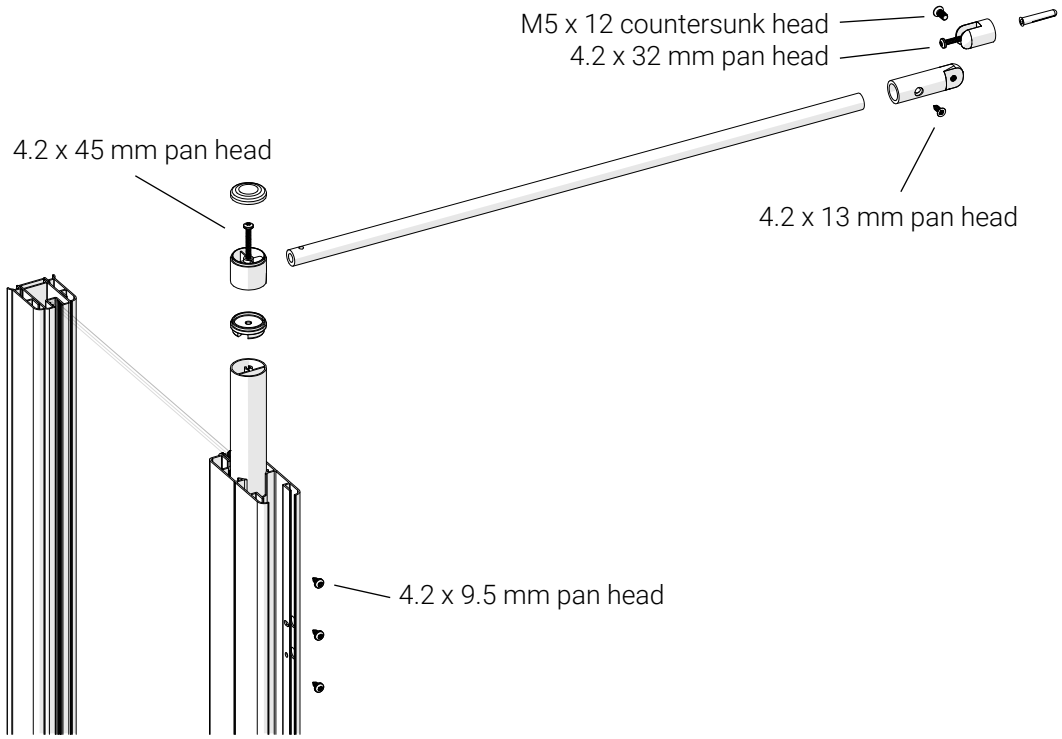


Fig. 5.1

Step 5: Attaching Support Means

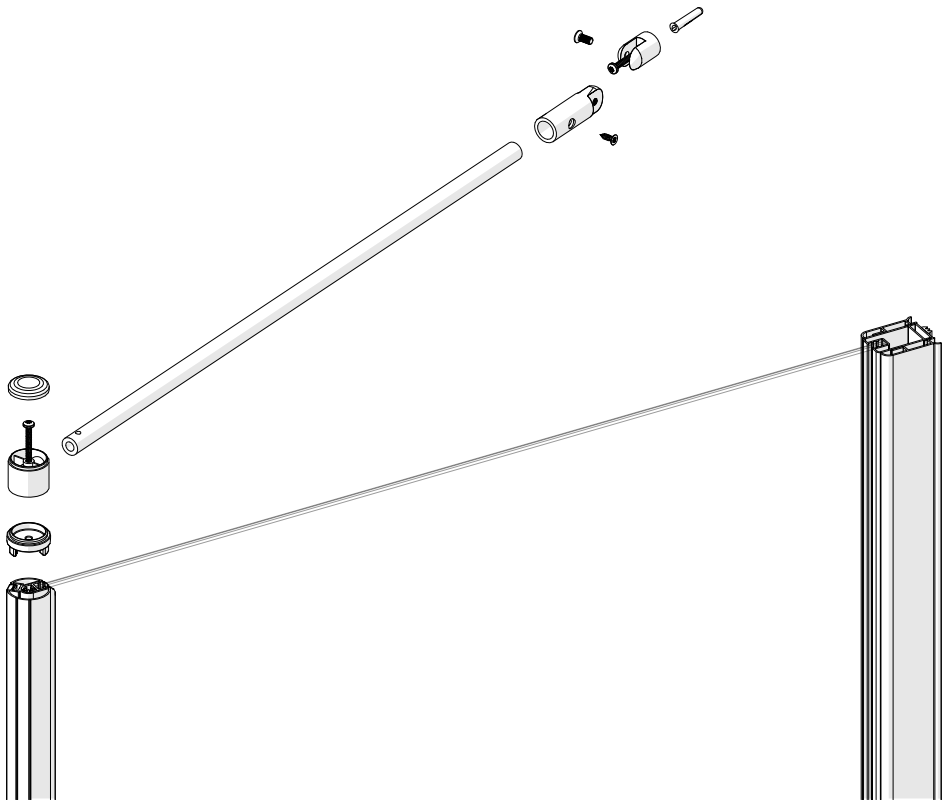


Fig. 5.2

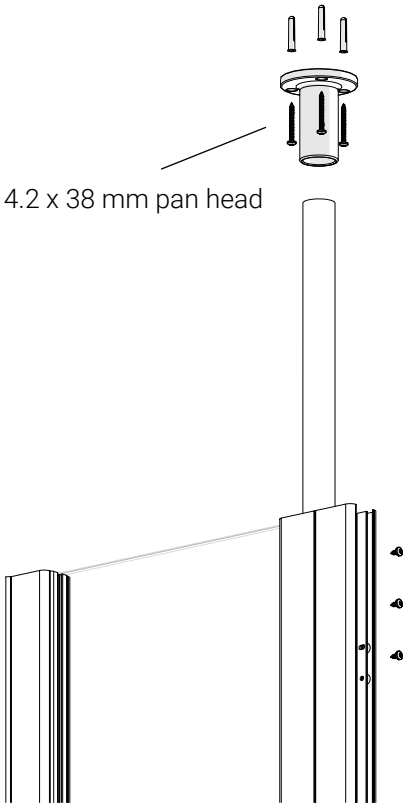


Fig. 5.3

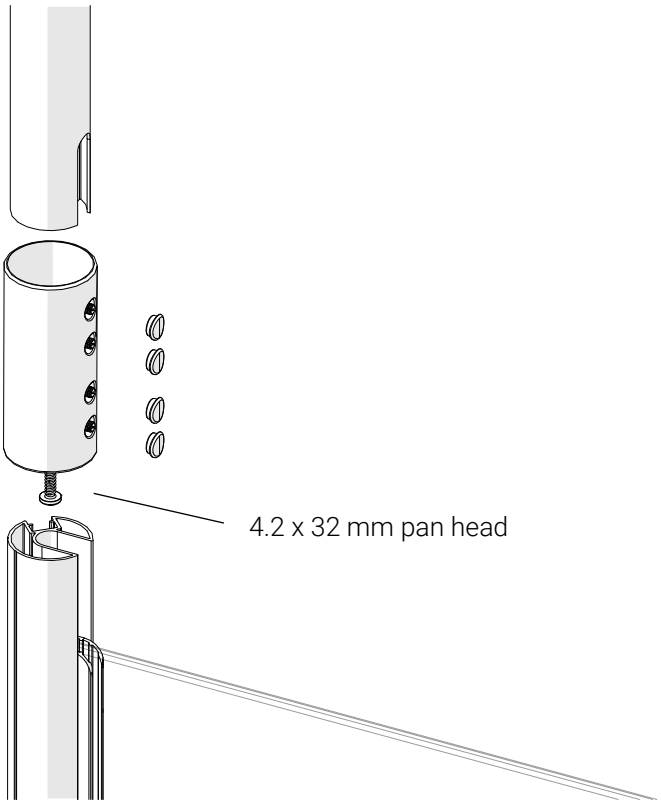


Fig. 5.4

Step 6: Installing Doors

For a duo door, install the bottom door first, then repeat for the top door.

I. Put the close-to into the wall comp or whopper and align the holes that were drilled in step 3.
II. Fix the close-to in place using 4.2 x 9.5 mm pan head screws.
III. Push the magnet strip onto the glass. Note the orientation.
IV. Push the bottom deflector strip onto the glass. The deflector fin should be on the inside.
    - The deflector strip may be longer than the door. Cut to length if necessary, and trim the arms off the deflector seal to make space for the magnet strip.* This process may also be required for the seal strip that runs along the bottom of a duo door's top door.
V. Put the door(s) into the wall comp(s) or whopper(s) and align the holes.
VI. Fix the door(s) in place using 4.2 x 9.5 mm pan head screws.

*Alternatively, run the deflector seal to the end and have the magnet strip a bit higher.

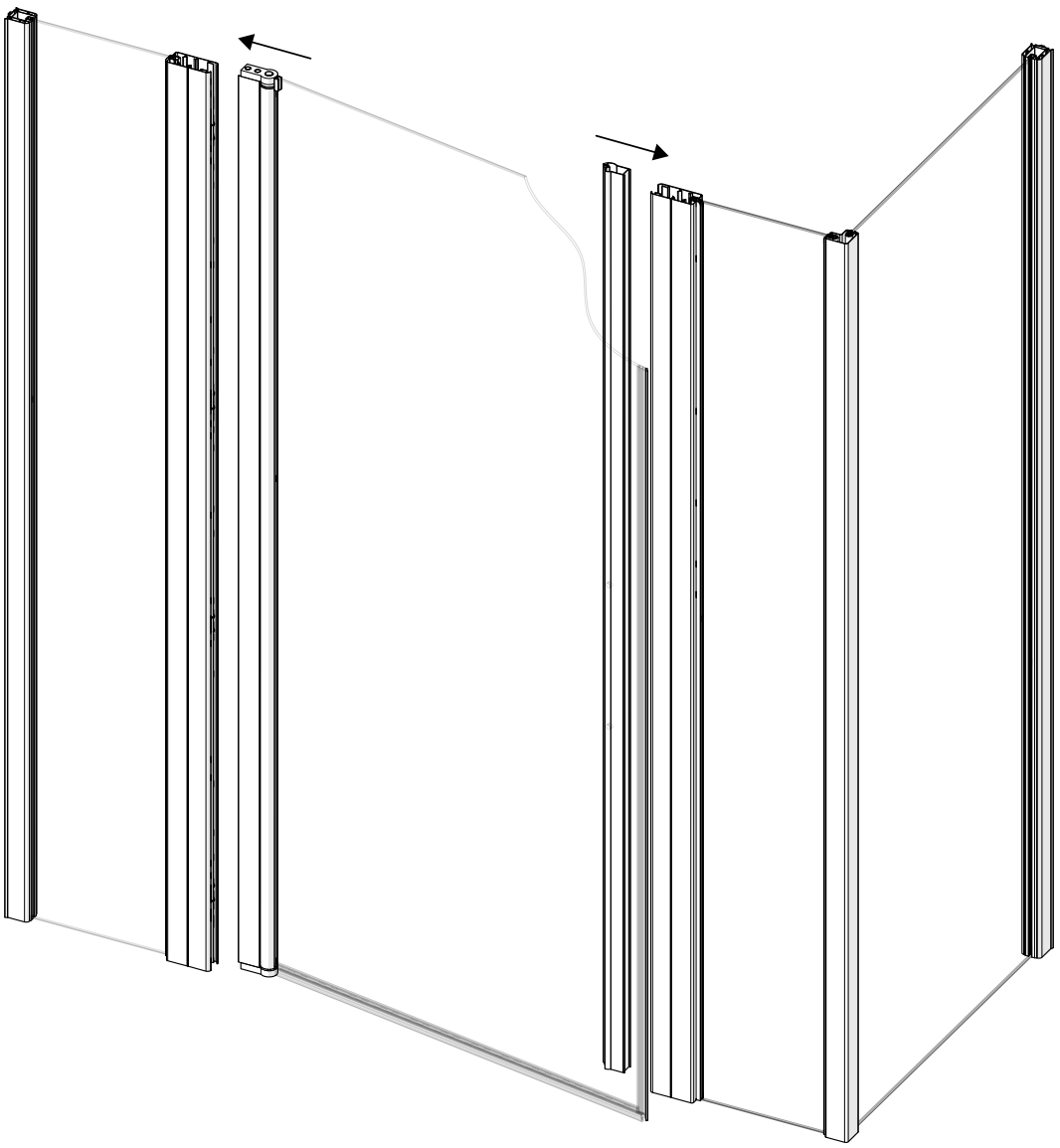


Fig. 6.1

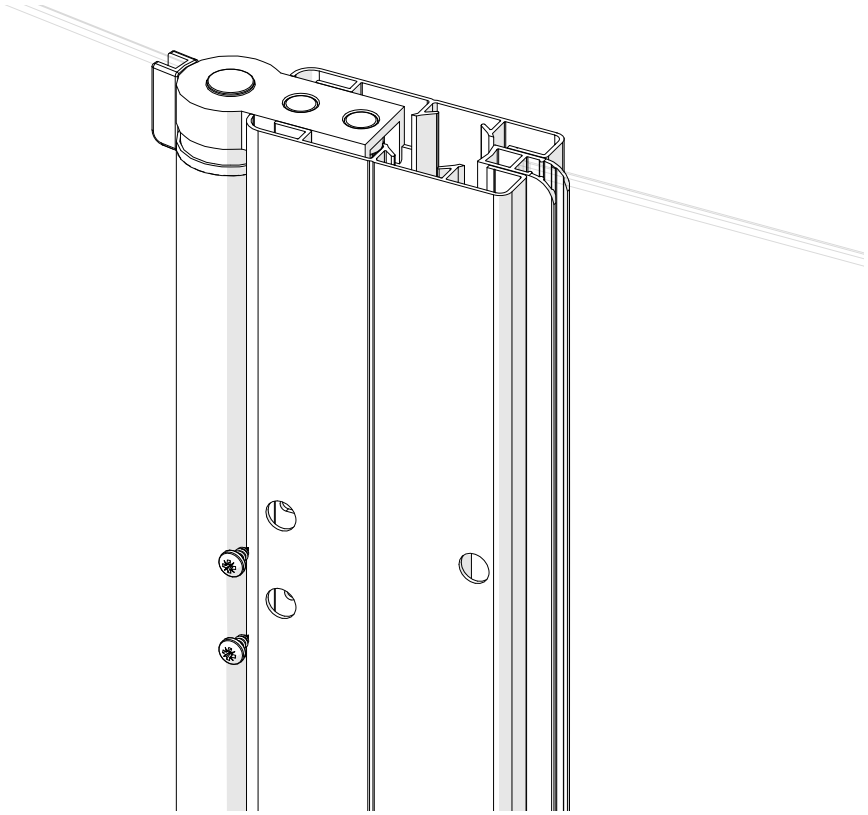


Fig. 6.2

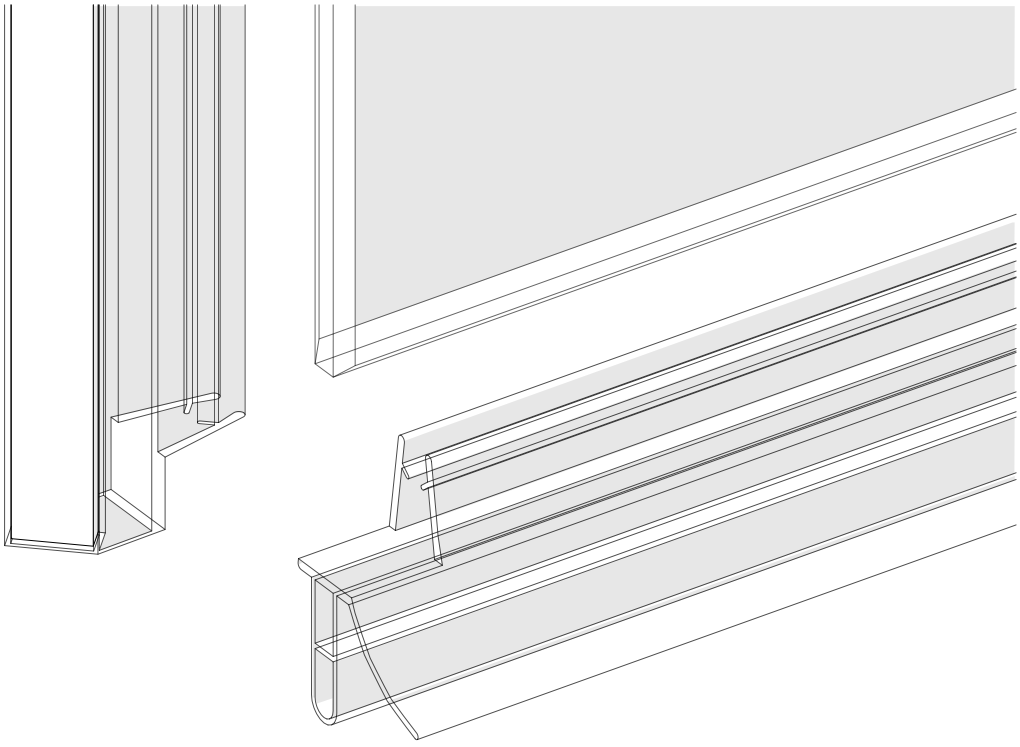


Fig. 6.3

Step 7: Installing the Handle

Half Height Door Handle *Figure 7.1*

I. Unscrew the two halves of the handle.
II. Insert one side through the hole in the door.
III. Screw the two pieces together.

Full Height Door Handle *Figure 7.2*

I. Unscrew the set screws enough to allow the two halves of the handle to come apart.
II. Unscrew the two brass screws.
III. Insert the two brass screws through the holes in the glass and screw them into the handle.
⚠ Ensure that the plastic sleeves remain on the screws.
IV. Place the remaining half of the handle over the brass pieces.
V. Tighten the set screws up using a 2.5 mm hex key.

Duo Door Handle *Figure 7.3*

I. Unscrew the screws and remove the two pieces of the handle.
II. Offer the top piece up to the glass and insert its screw through the upper hole in the glass.
III. Draw the outside half of the handle onto the screw.
⚠ Ensure that the plastic sheath that goes in the slotted hole remains on the handle.
IV. Repeat for the remaining piece of the handle.
V. Insert the rubber bungs into the holes.

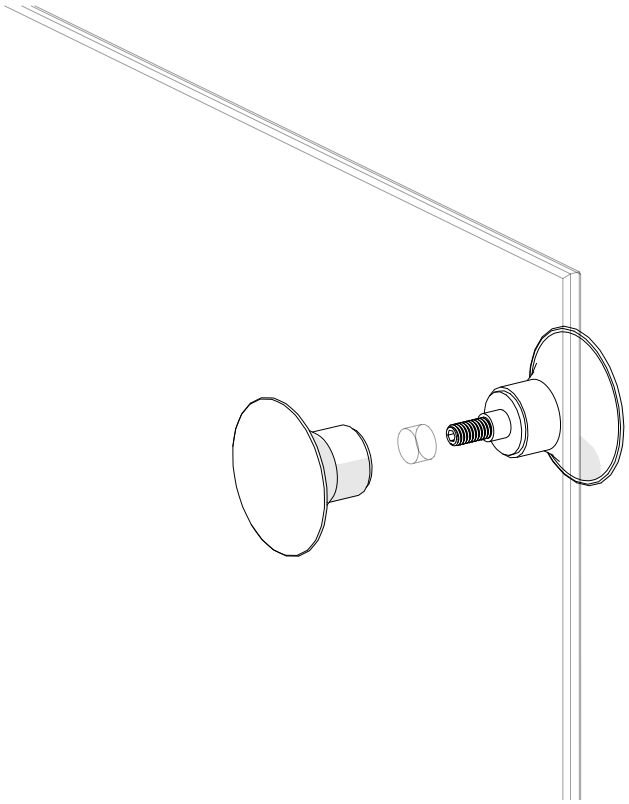


Fig. 7.1

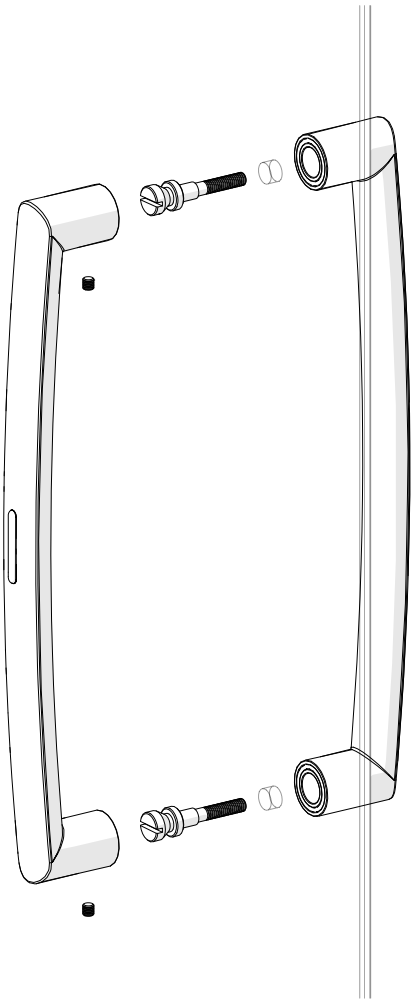


Fig. 7.2

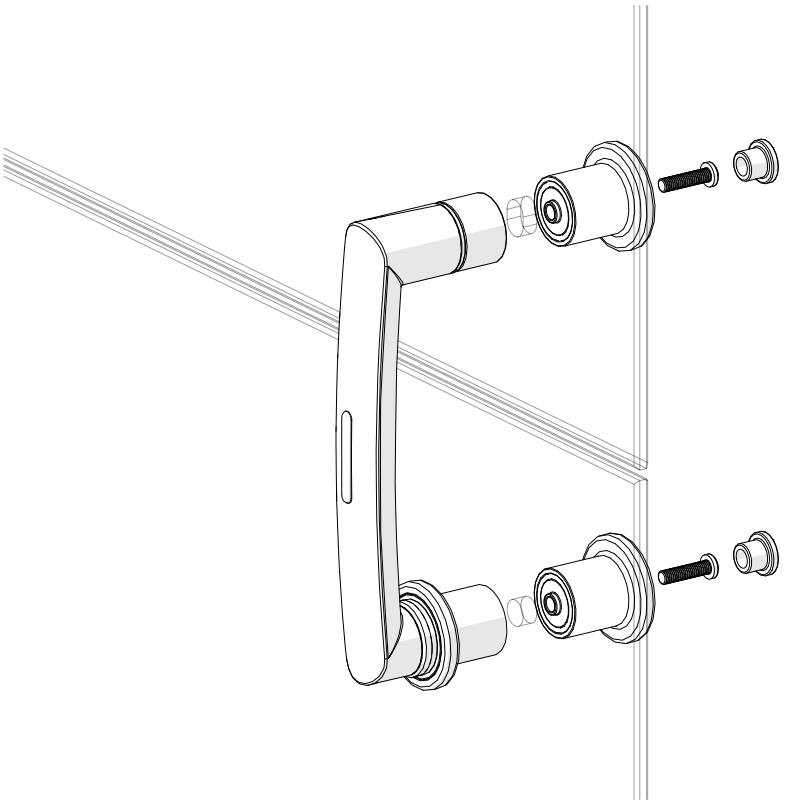


Fig. 7.3

Step 8: Installing the Bump Strip

Wet floors do not require the bump strip.

I. Apply silicone sealant to the underside of the seal strip(s) and bump strip holders.
II. Screw the bump strip holders down partially using 3.5 x 19 mm pan head screws.
III. Bend the bump strip just enough to slide it under the seal holders, then press it down firmly.
IV. Fully tighten the screws in the bump strip holders.

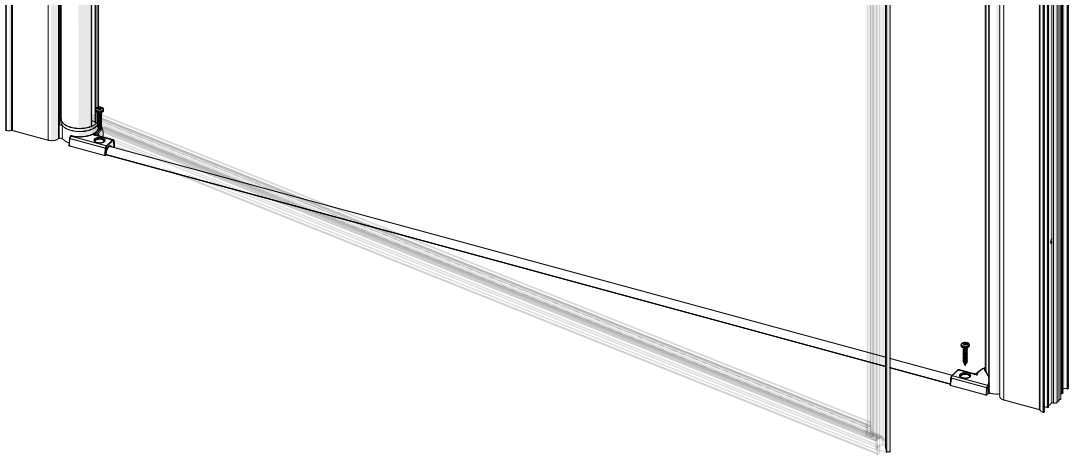


Fig. 8.1

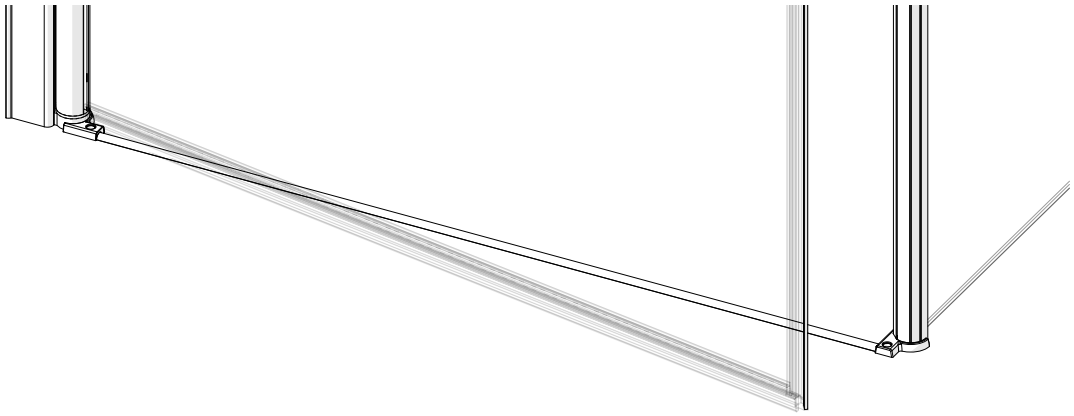


Fig. 8.2

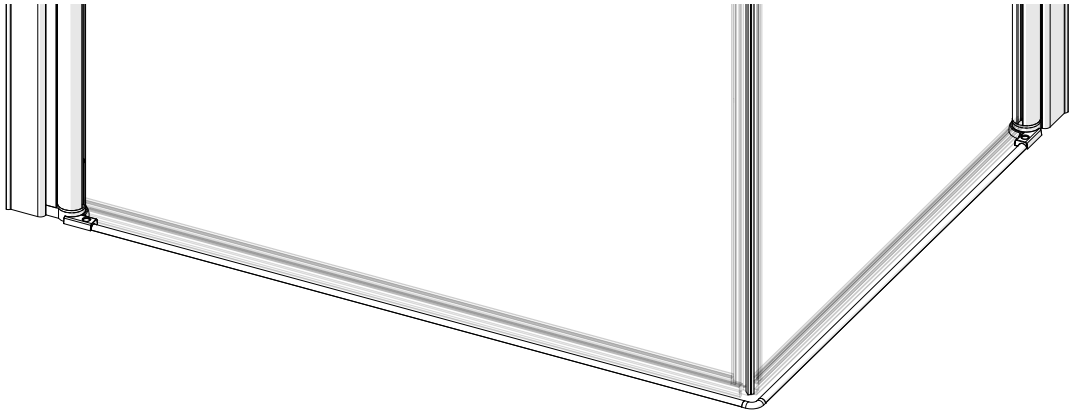


Fig. 8.3

Step 9: Finishing Up

I. If the installation uses a half height door in a full height panel, insert the blanking strip into the gap in the whopper above the door.
II. Insert all screw caps into the extrusions.
III. Place all top caps onto the extrusions.
IV. Apply silicone sealant to the screen, horizontally on the outside and vertically on the inside.

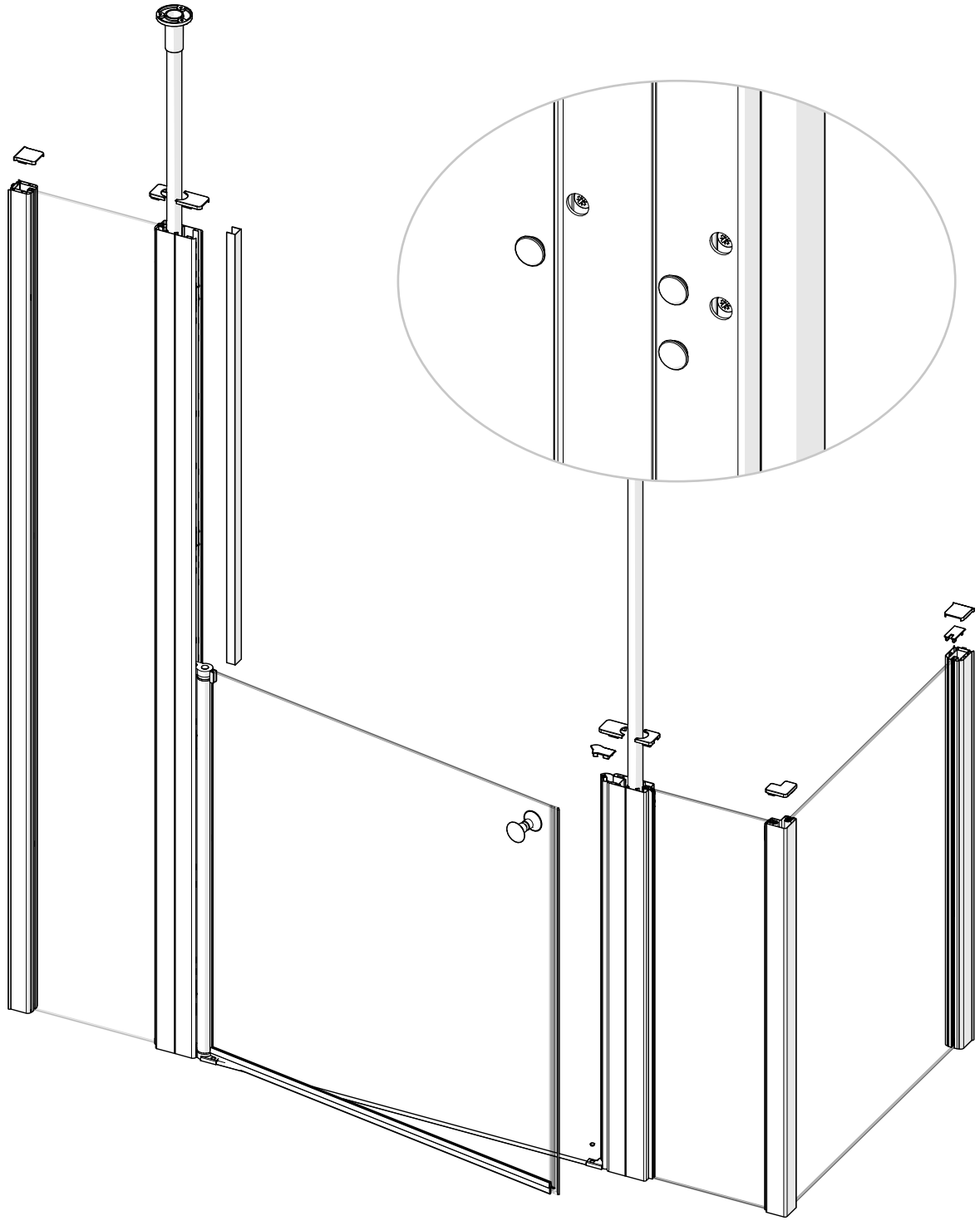


Fig. 9.1

Step 9: Finishing Up

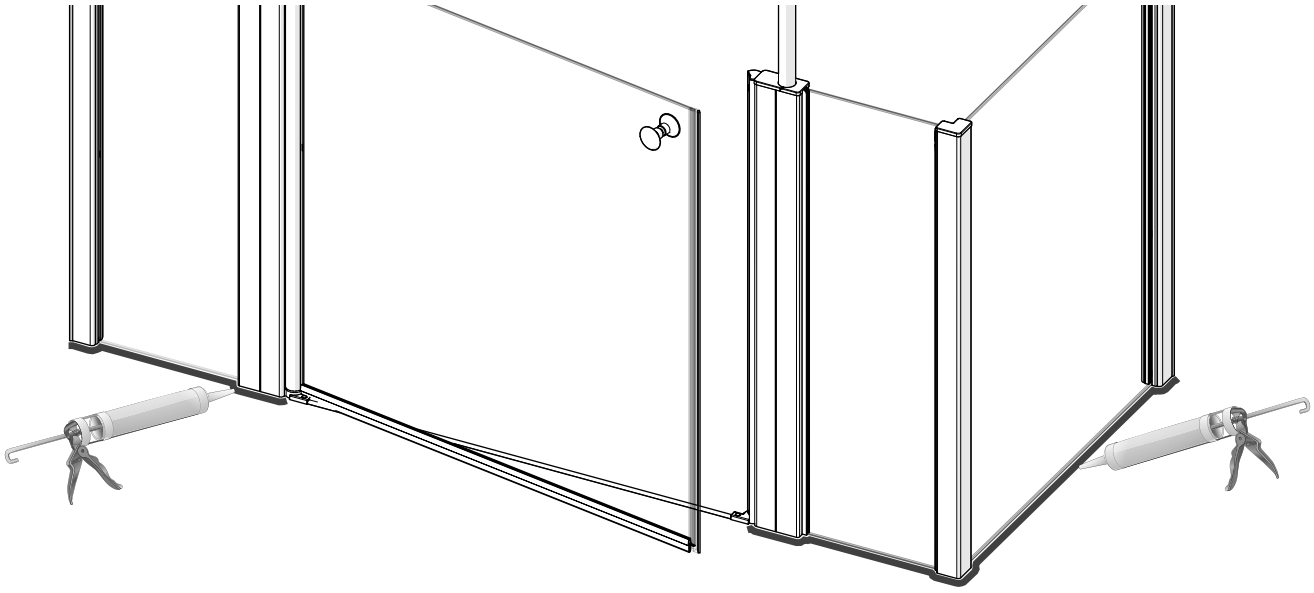


Fig. 9.2

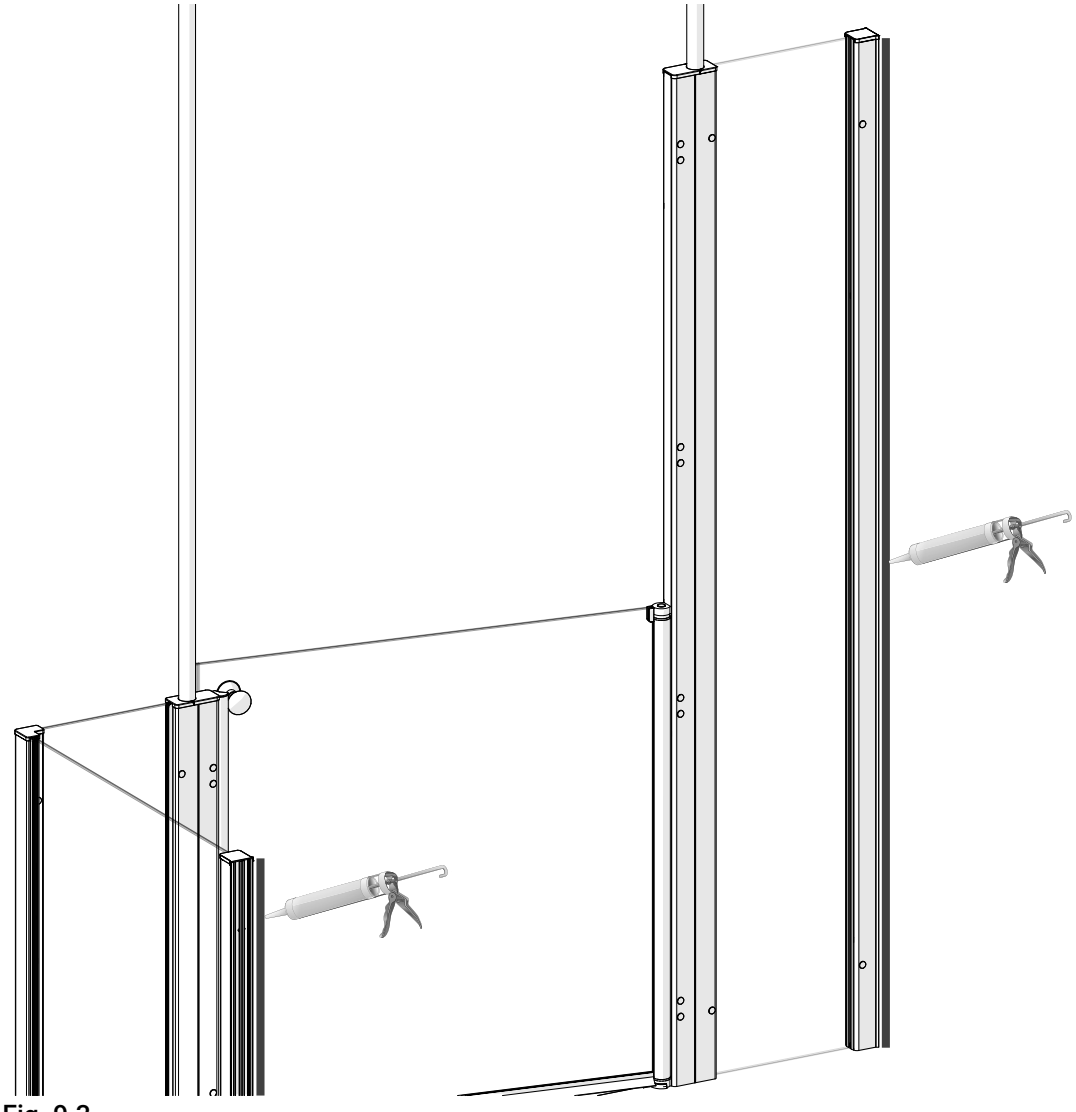
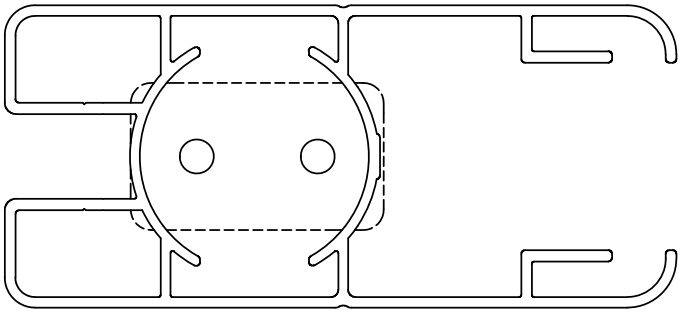
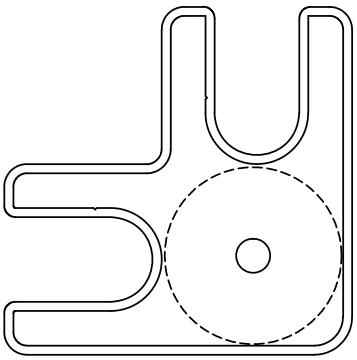
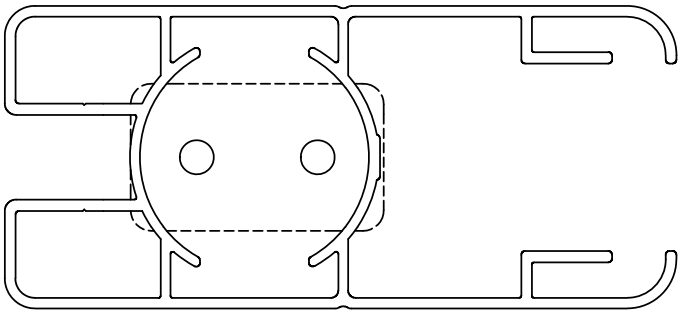
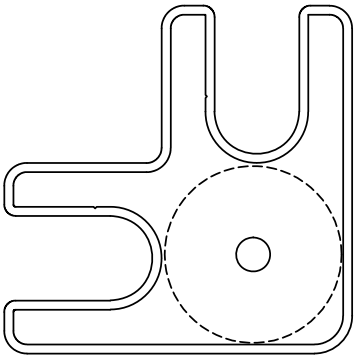


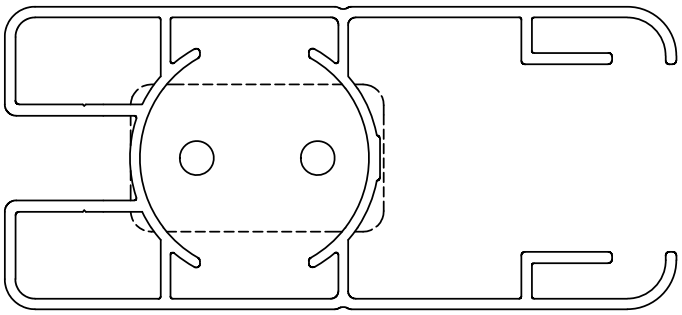
Fig. 9.3

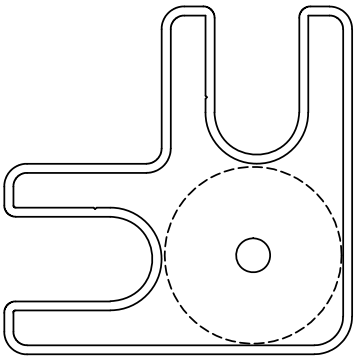












Notes

User Care

Rinsing and wiping the screen down after each shower will help remove soap deposits, keep the screen clean, extend its life, and reduce the likelihood of major service work being required in the future.

Any products that may leave stains, such as hair dye, should be washed away immediately.

For routine cleaning, use warm soapy water or a mild detergent and a soft cloth. Do not use aggressive or industrial cleaning materials, or anything with abrasive properties to clean the tray. The screen should never directly come into contact with strong industrial acids or alkalis, organic solvents, caustic soda, lacquers or nail polishes, bleaches, or any dry powder cleaning agents. If more thorough cleaning is needed—to remove stubborn staining for example—test on a small area first.

It is important to clean areas such as seals and keep moving parts clear from build up of grime, mould, and water deposits to maintain good working order. The seal(s) along the bottom of the glass and the magnet strip(s) up the side of the glass can be pulled off and cleaned with brushes and/or cloths.

After cleaning, rinse with water and wipe thoroughly with a soft damp cloth to remove any cleaning material residues before drying.

AKW does not approve or recommend autoclave cleaning of any of the components due to the damage that this can cause to the components' material.

Where disinfecting is necessary, standard procedures for disinfecting equipment should be used taking due care and attention to the warnings concerning possible effects of aggressive chemicals on plastics or other surfaces. Do not use abrasive cloths, strong acidic or alkali, or chlorinated cleaning materials as these may discolour or otherwise damage the product. The use of such products will invalidate any warranty.

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Warranty

Warranty applies only to manufacturing or material defects, conditional on the one-time correct installation of the product. It does not apply to:

- Inappropriate use or accidental damage.
- Damage or defects that result from incorrect installation.
- Lack of maintenance including the build up of grime or damage resulting from inappropriate cleaning.
- Damage or defects that result from repairs or modifications undertaken by unauthorised persons.
- General wear and tear through usage and does not apply to surface finishes.

Warranty period starts from the date of installation.
See the T&Cs on our website for further information.

Select 1 of 2 ways to activate your warranty

1. Scan using your Smart Device

2. Visit Online
akw-ltd.co.uk/warranty-information

What to do if something goes wrong?
In the event that you encounter a problem with this product, follow the trouble shooting guide if applicable, then contact your local installer. If the issue is still unresolved, contact AKW Technical Enquiries who will provide further advice and arrange for a maintenance engineer to visit if necessary. None of the foregoing affects your statutory rights.

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