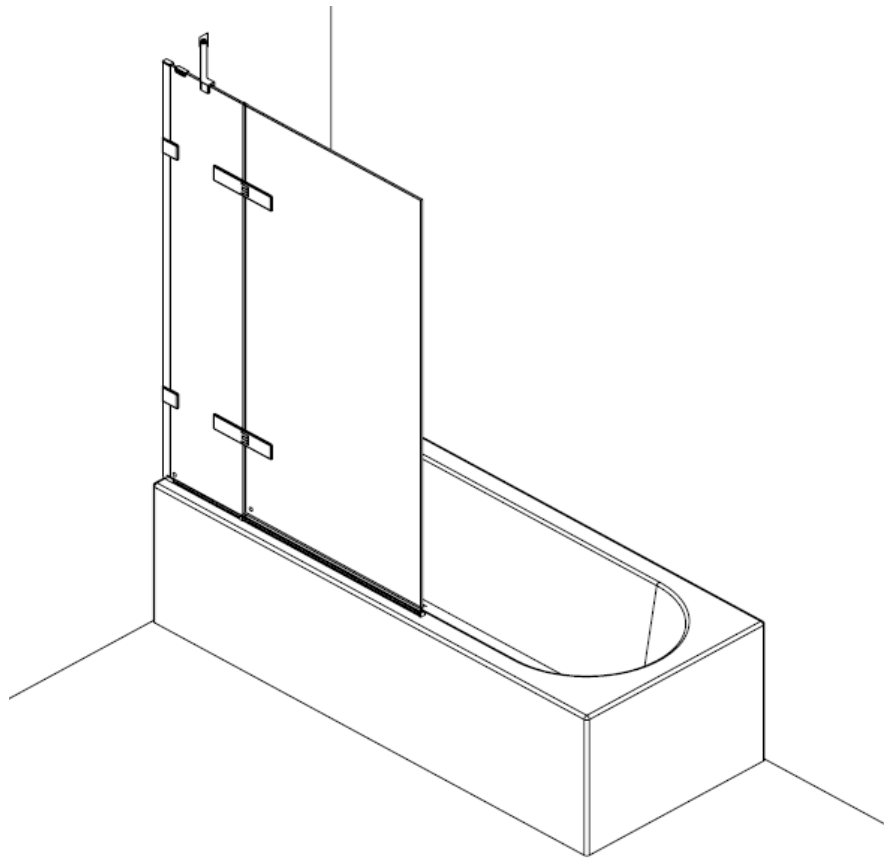


Liberty

Hinged Bathscreen

KLBV / TLBV



Handling

Be aware toughened glass can shatter if not handled correctly. It should not be subjected to any sharp impact and it is essential to protect the glass by resting it on a soft protective surface during installation such as cardboard or carpeting. It is recommended to wear PPE at all times during installation.

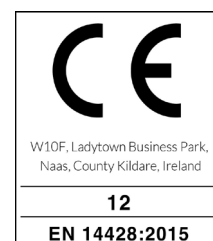


Pre-Installation Checks

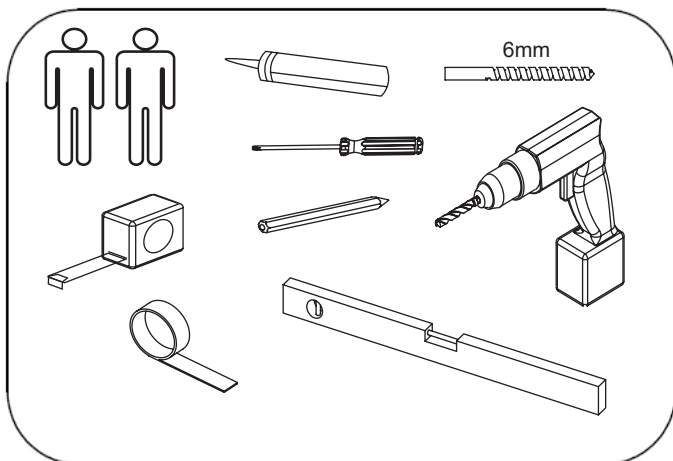
1. Please take time to read these instructions prior to installing your product, including the 'Pre Installation Checks' on Page 1.
2. Check you have the correct product, by looking at the labels on the side of the product packaging.
3. Check all the product components and fixing kits are in the box - [these are listed on the next page](#).
4. Please check the product for defects or damage, once the installation has commenced we cannot accept responsibility for any defects or damage.
5. Before you commence any drilling check there are no hidden electrical cables and/or water pipes.
6. No attempt should be made to re-work the toughened safety glass.
7. The installation of the product should be performed by two persons.
8. It is strongly recommended the product is fitted on a tiled surface or similar waterproof surface - which are tiled and grouted before product is installed.
9. It is strongly recommended that the walls the product is going to be installed on are vertical, and the floor/ Bath is level.
10. Please note that some natural misting may occur when you remove this product from its packaging, due to the addition of the glass protection pre-coating. If this does occur this can easily be removed with a soft, dry cloth.

Consumer Guarantee

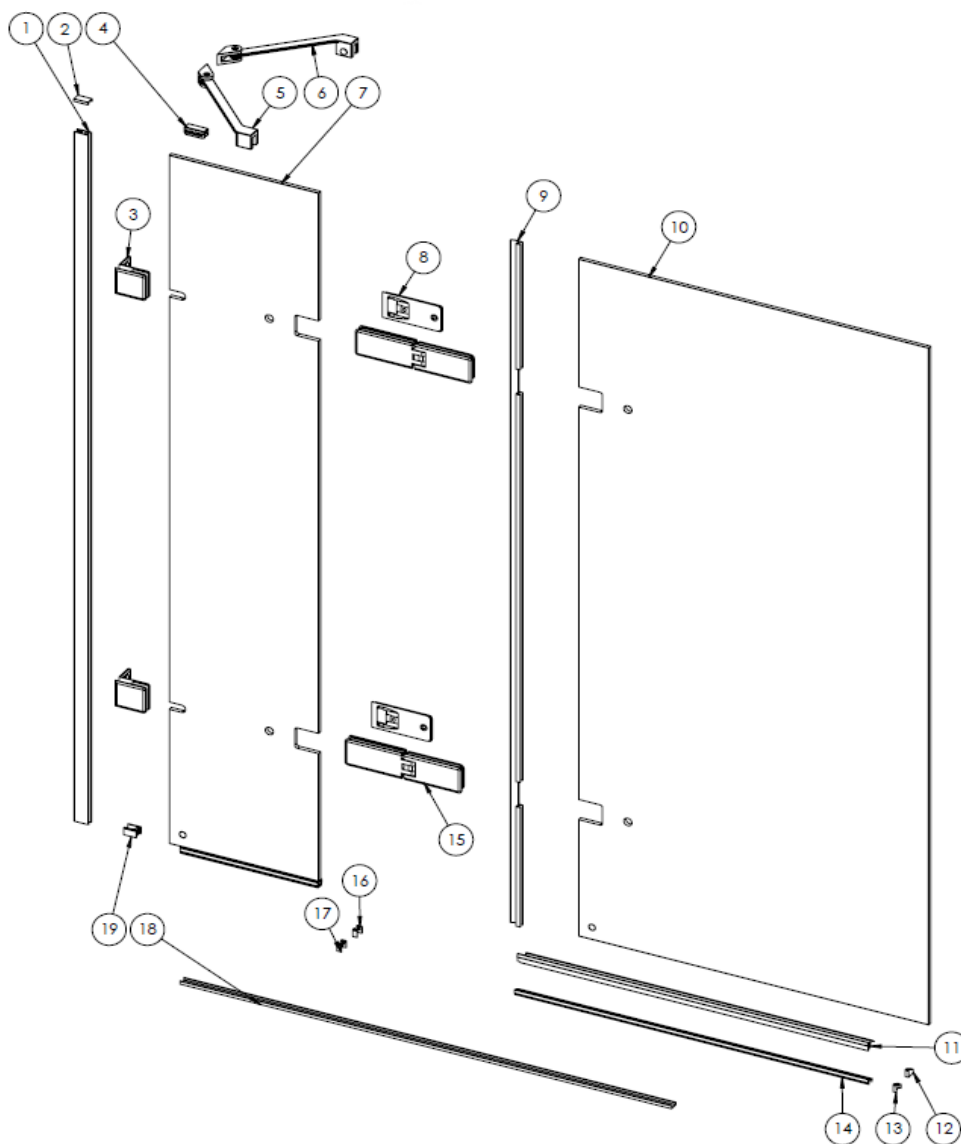
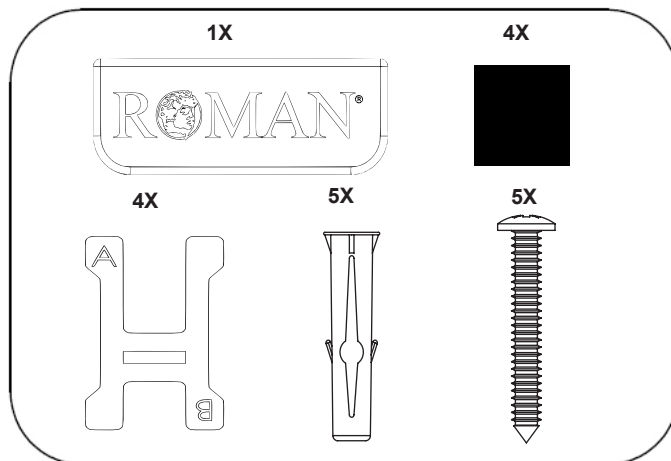
Please make sure the purchaser/end user completes and returns the guarantee card which is enclosed with this product. Failure to validate the Guarantee will mean only the 1 Year Statutory Guarantee will apply.



Equipment Checklist: Not Supplied

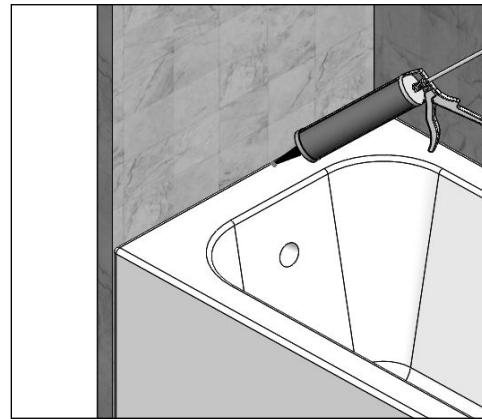
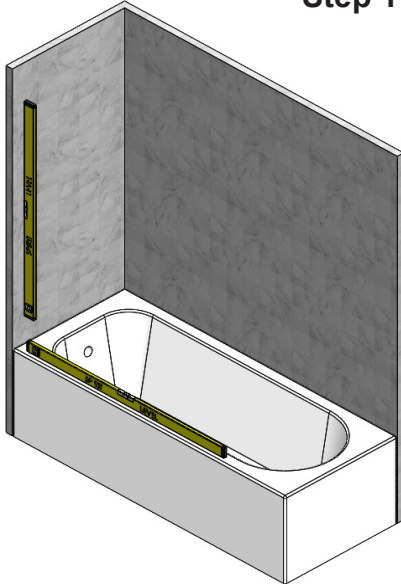


Fixing Kit Components



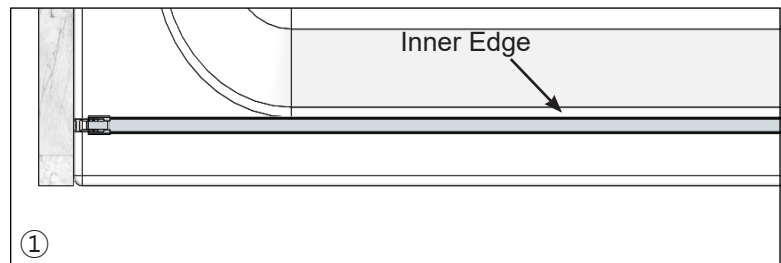
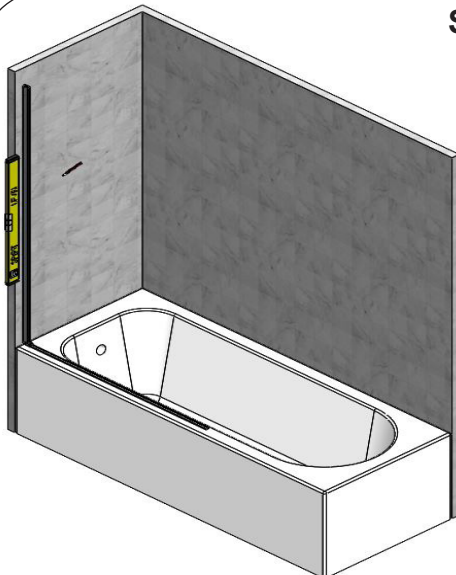
No.	Description	Qty.	No.	Description	Qty.
1	Wall Profile	1	11	Deflector Seal	1
2	Top Cap	1	12	LH End Cap	1
3	Wall Bracket	2	13	RH End Cap	1
4	Branding Badge	1	14	Door Bottom Rail	1
5	LH Bracing Assembly	1	15	Hinge Assembly	2
6	RH Bracing Assembly	1	16	RH Blanking End	1
7	Hinged Panel Assembly	1	17	LH Blanking End	1
8	Replacement Backplate	2	18	Bottom Rail	1
9	Vertical Flipper Seal	1	19	Profile to Dam Joint	1
10	Moving Panel Glass	1			

Step 1 - Pre-Installation Checks



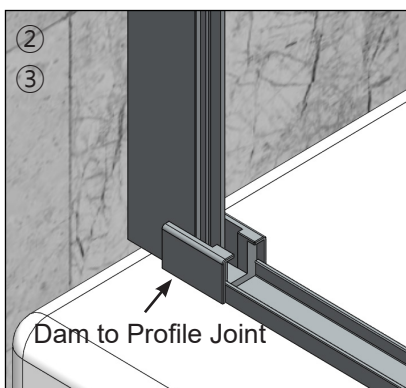
1. Make sure the bath is installed as per the manufacturer's instructions.
2. Check your Bath and Walls are level on all sides (the bubble on the spirit level must be in the centre of the 2 lines).
 - If the Bath & Tray are not level you will not achieve any adjustment.
3. Stand in the tray and check that there is no adverse movement (correct if necessary).
4. The walls should be tiled and grouted up to the bath.
5. The tiles and the bath should be sealed using a good quality bathroom sealant:
 - Spray the seal and joints with the shower head and check for leaks when the silicon has cured.
 - Check the plumbing for leaks.
 - DO NOT plasterboard over the tray.
 - DO NOT grout the tiles when the enclosure has been fitted, the grout may discolour the aluminium profiles.

Step 2 - Wall Profile Positioning



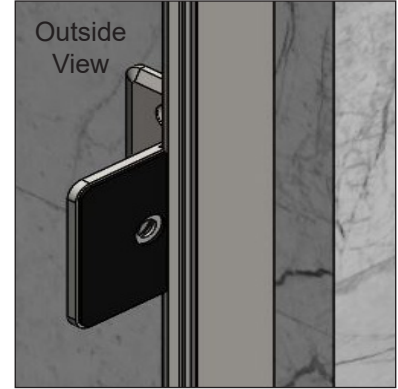
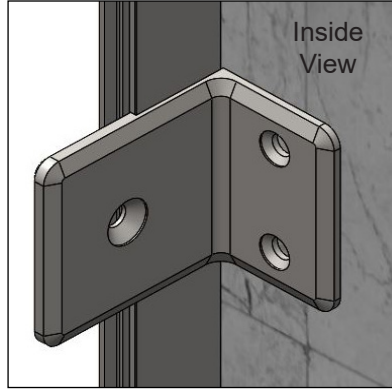
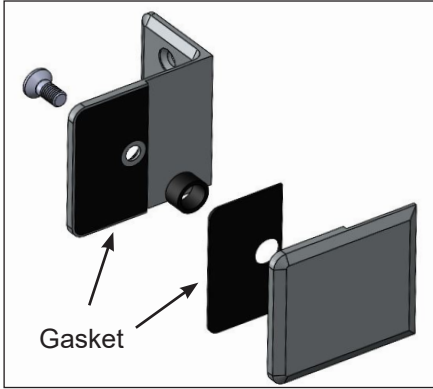
①

1. Take the bottom rail and place it so it runs inline with the inner edge of the bath, leaving a 40mm gap from the wall to allow for the damn joint to be fitted.
2. Place the wall profile against the wall. Fit the dam to profile joint and bottom rail to the bottom of the wall profile. Ensure that the bottom rail is still inline with the inner edge of the bath.
3. Use a spirit level on the Wall Profile to keep it completely vertical then with a pencil carefully mark the wall through the holes in the Wall Profile.
4. Disassemble the wall profile, joint and bottom rail. Apply a bead of silicon the width of the wall profile where it meets the top of the bath and the tiled wall.
5. Drill the wall with a 6mm masonry drill (not supplied). Remove the masking tape and fit the wall plugs and remove any debris.
6. Place the wall fixing screws into the holes in the wall profile.
7. Line up the screws with the holes in the wall and tighten all the screws.
 - **NOTE: Tighten the screws evenly.**
 - **Reccomend using a screw drive rather than electric drill in order to not bald the screws.**



②
③

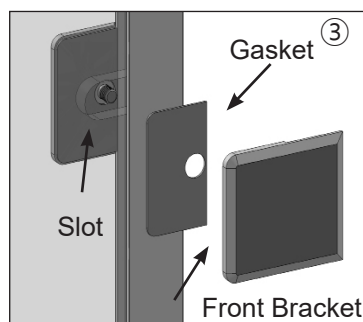
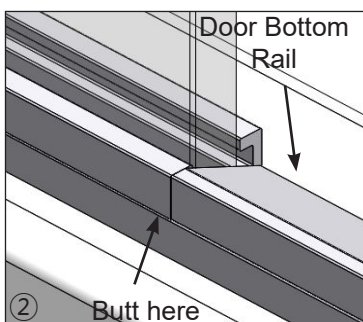
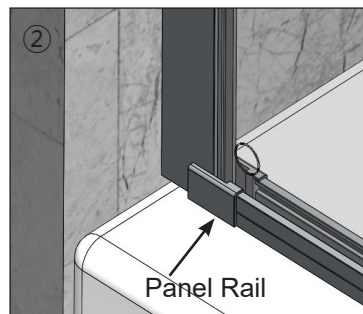
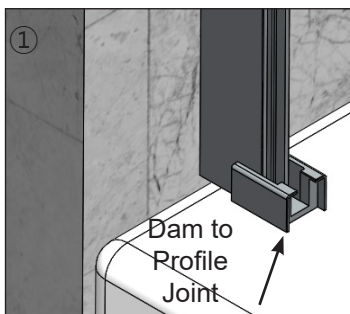
Step 3 - Wall Bracket Positions



1. Place the panel assembly into the panel bottom strip and dam to profile joint, then carefully place into the wall profile.
2. Dismantle the wall brackets and fit onto the panel glass, ensuring that all gaskets are fitted. Ensure that the brackets are fitted the correct way (screws to the inside).
3. Mark the wall through the holes in the brackets using a pencil. Carefully remove the panel assembly
4. Drill the wall with a 6mm masonry drill (not supplied). Fit the wall plugs and remove any debris.
5. Fit the inside bracket of the wall bracket to the wall and over the wall profile.

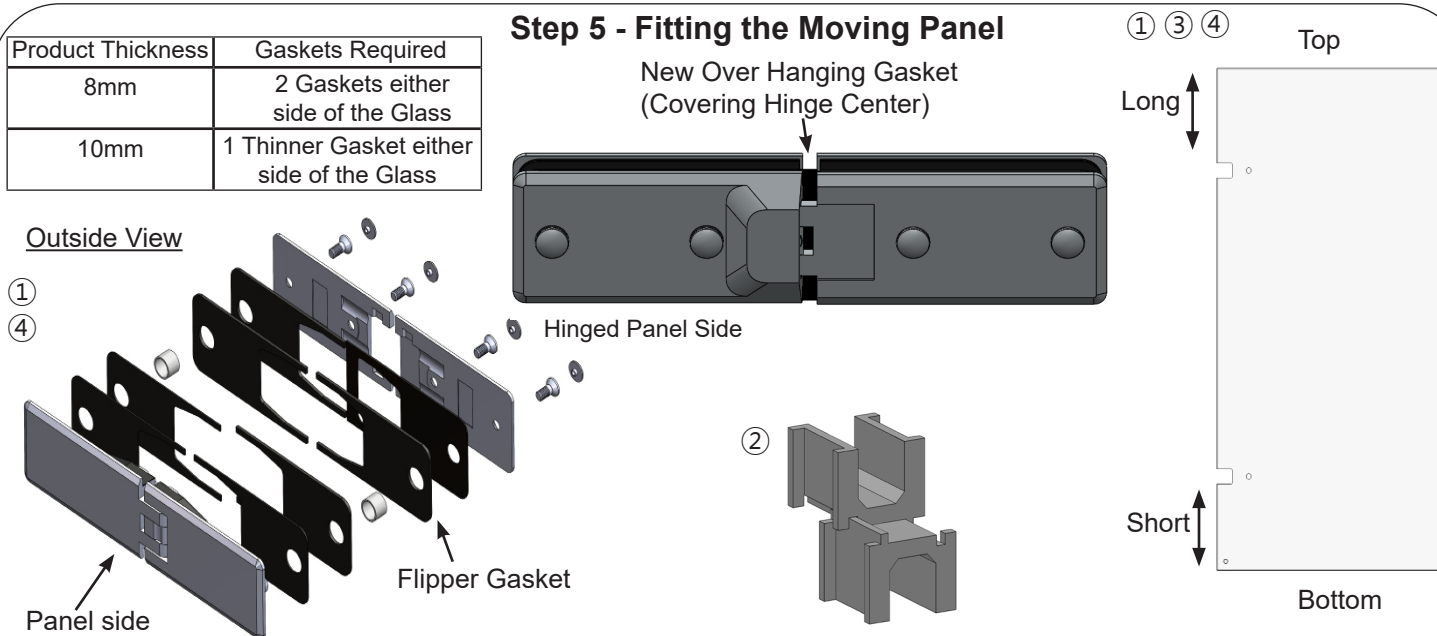
Step 4 - Fitting the Hinged Panel

1. Carefully place the panel assembly along with the bottom rail and dam to profile joint into the wall profile.
2. Place the door bottom rail into the bottom rail and up to the panel glass.
 - **IMPORTANT: Ensure that the rail is fitted with the angle facing inwards towards the shower.**
3. With the panels in position, attach the front of the wall brackets to the already fitted brackets and fully tighten all the screws. Ensure that the gaskets are placed between the brackets and glass.



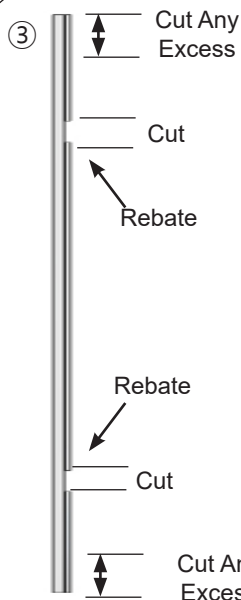
Product Thickness	Gaskets Required
8mm	2 Gaskets either side of the Glass
10mm	1 Thinner Gasket either side of the Glass

Step 5 - Fitting the Moving Panel

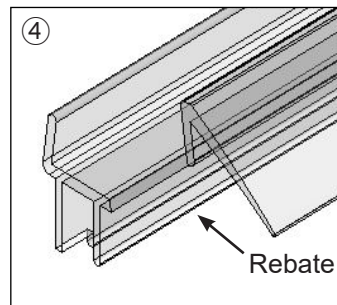
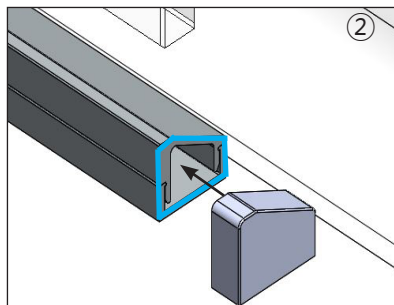
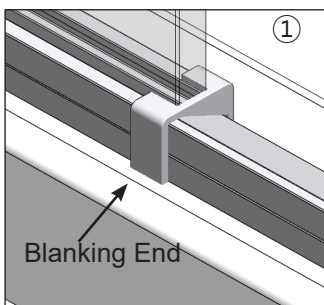
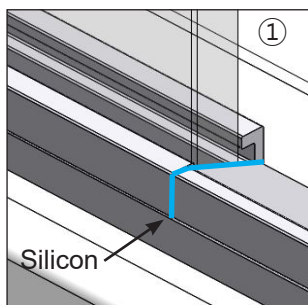


1. Carefully dismantle the hinge assemblies. Fit the panel side of the hinge to the hinged panel, ensuring gaskets are fitted on both sides of the glass and there is the correct amount of gaskets on each hinge ([See Table](#))
2. Make sure they are square to the glass and tighten the screws.
 - **Note: Swap the hinged panel side backplate with that of the one separate (as pictured above)**
3. Fit the red door setting blocks together, creating two small assemblies, then place onto tray and over the bottom rails.
4. With the moving panel glass the correct way, offer it onto the hinges and onto the red setting blocks.
5. Replace the gaskets and back plates onto the hinges and fully tighten the countersink screws, ensuring the flipper gasket is the back most gasket so the flipper section covers the hinge centre. Using a spirit level, ensure the panel is fully vertical. To adjust carefully loosen the hinges and move the glass (re-tighten).
 - **IMPORTANT: Tighten the 8 Hinge fixing screws to 10N/m using a torque wrench.**

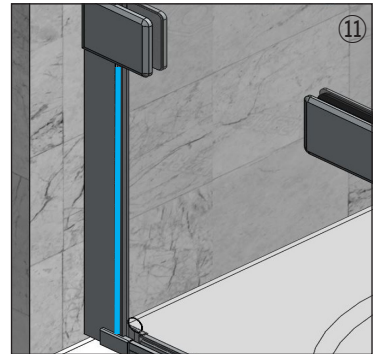
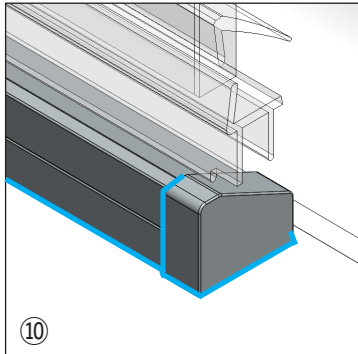
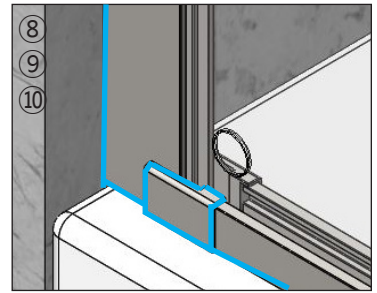
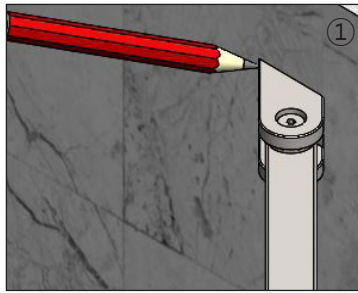
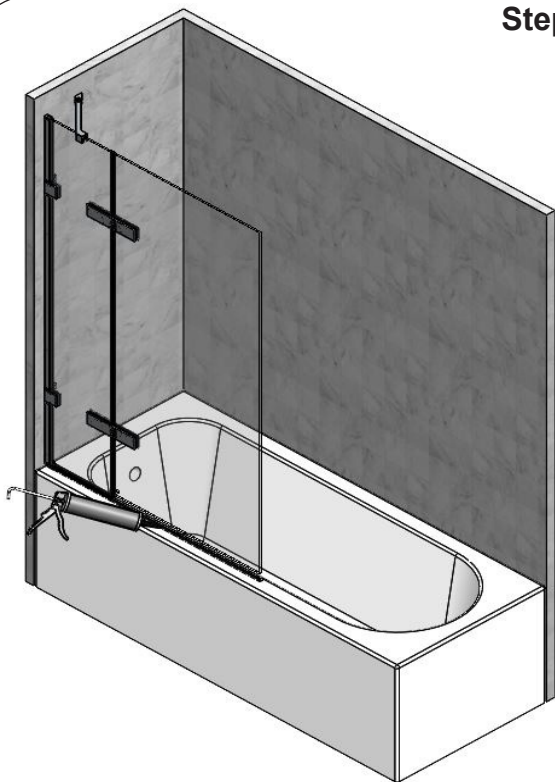
Step 6 - Fitting the Seals



1. At the bottom of panel assembly, place a bead of silicon between the Glass and the bottom rails. Fit the blanking end and carefully remove any excess silicon.
2. At door end, place a bead of silicon around the bottom rails. Fit the end cap and carefully remove any excess silicon.
3. Cut the flipper seal at the edges of the rebate to create three sections of seals. Fit the seals onto the hinged panel glass edge on the hinge side with the flipper of the seal on the inside of the enclosure. Trim the top and bottom seals to length if required. (centre seal should be to length)
 - **IMPORTANT: Please ensure that the flipper part of the seal is on the inside of the enclosure.**
4. The bottom seal requires a rebate at one end only (hinge side). Fit the bottom seal so that the rebated end is level with the glass at the hinge side of the moving panel and cut it to length so that it butts up to plain end of the glass. Push fully onto the glass.
 - **IMPORTANT: The seal is rebated at both ends, remove the rebate that is not required. You MUST ensure that the deflector on the bottom seal is facing inward towards the shower.**



Step 7 - Bracing and Sealing



1. Put the bracing on the top of the fixed panel glass and up to the tiled walls, use a spirit level to keep it the bracing horizontal.
2. Lightly mark the tiles around the wall brackets of the brace and remove the bracing.
 - **NOTE: Place masking tape where the bracket is to go as it will protect the tiles and aid in marking.**
3. Remove the wall bracket from the bracing assembly. Place over the pencil mark and mark the hole position
4. Drill the hole positions using a 6mm masonry drill (not supplied) and fit the wall plug.
5. Fit the Wall Bracket to the tiled wall using the screws supplied.
6. Place the Bracing onto the top of the fixed panel glass and into the wall brackets and re-assemble.
7. Ensure the gaskets are between the glass and bracing, fully tighten all screws. fit the cover cap.
8. Place a bead of silicon around the top and up the sides of the dam to profile joints and door bottom joint.
9. Seal the wall profile up from the bath top on the inside and outside.
10. Seal the base of the enclosure horizontally on the outside only and around the end cap.
11. Seal up from the top of the Dam to Profile joint where the Glass meets the Wall Profile up to the first Bracket on the outside only.
 - **IMPORTANT: Failure to follow stages 8,9 ,10 & 11 may result in serious water damage and is not covered under the terms of the guarantee.**
 - **Please allow 24 hours for the sealant to fully cure before using the enclosure.**
 - **Do not seal along the base on the inside.**
12. Fit branding clip on top of the fixed panel glass and top cap on top of the wall profile.

Trouble Shooting Guide

Should you experience any problems during installation please refer to the Trouble Shooting Guide or contact Customer Relations on:
+44 (0) 1325 328033

To enable customer relations to provide you with an excellent level of service it is important that you quote your product Code and Reference Number - these can be found on the Guarantee card.

Problem	Solution
Leaking	1. Check that the inside gap between the Bath and Wall profile has been sealed correctly. 2. Ensure the Bath is sealed along the tiled walls prior to installation. 3. Ensure the joint between the enclosure and tray top is sealed 4. If the inside joint between the enclosure and the Bath top is sealed, this will cause leakage - sealant must be removed. 5. Ensure the Panel Profile on the tiled wall are sealed vertically on both the inside and outside. <u>Important: This enclosure should be water tested conforming to BS EN 14428</u>
Enclosure Alignment on Bath	1. Have you read and understood Step 1 of the instructions? 2. Is the enclosure fitted onto a tiled wall? 3. Are the Wall Profiles completely vertical?
Door not operating correctly	1. Ensure both Panel Profiles are completely vertical. 2. Adjusting the Set screw on the inside of the Hinges can help. 3. Ensure the Bath Top and Glass is completely level. 4. Check the bottom of the screen is parallel to the top of the Bath.

Important Information to help you maintain your Product:

The following information is all you need to keep your product looking new.

Our products are generally maintenance free, however it may be necessary to lubricate wheel assemblies and other moving parts such as hinges from time to time.

Clean your product using a mild detergent diluted in water and then polished off using a soft cloth.

If you live in a hard water area, periodically clean your product using a 50/50 solution of white vinegar and water. The solution should be left on the enclosure for approximately 5 minutes then rinsed off using warm water. This method of cleaning should remove lime scale residue.

It is strongly recommended that a quality silicone spray is used.

A list of Donts

1. Don't use acidic based products which are unsuitable for cleaning enamel surfaces.
2. Don't use abrasive cleaners or cleaners using bleach or solvents, these products will adversely affect the finish of the aluminium profiles.
3. Don't use scouring pads, powder or any sharp instruments when cleaning the enclosure.