8mm
Pivot Door, In-line & Side Panel
N2F#HDR# + N2HR# + N2HR#

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 Tray Sizes section below.
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/tray is level.
10. Pictures used are for illustration purposes only, product designs may alter slightly as a result of continuing product development.
11. We do not stipulate where the European Standard Kite Mark should be positioned on the glass when being factory assembled.
12. 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.

Tray Sizes

Important: You MUST measure your tray before you proceed with installation. Innov8 Products have been designed to fit on standard Roman trays which have only been tiled over by 20mm at a maximum, If your tray exceeds this given value, you may need a bespoke product. The 'Adjustment' displayed in the brochure or on your bespoke customer drawing is not the required tray size - your tray must be at least 15mm larger than the MID Adjustment of the product.
Refer to Step 1 for a guide on how to measure your tray accurately before proceeding any further - Roman will not be liable if you begin installation without correctly measuring your tray, to the realisation it doesn't fit.

Consumer Guarantee

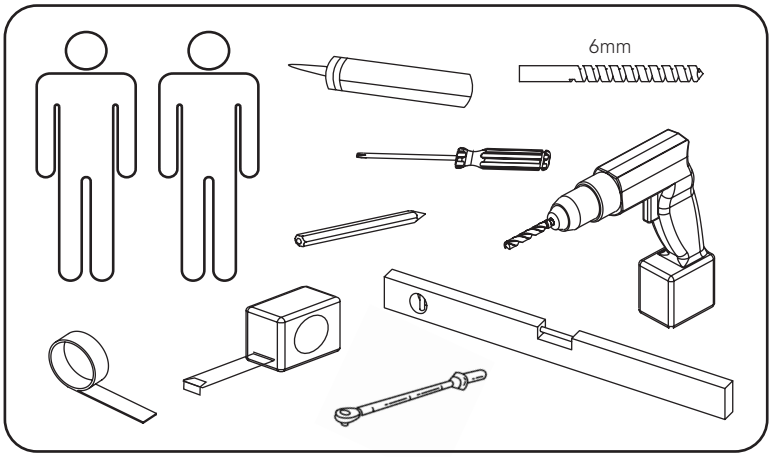
Please make sure the purchaser/end user completes and returns the guarantee card which is enclosed with this product. Failure to validate the Guarantee will mean only the 1 Year Statutory Guarantee will apply.

CE
W10F, Ladytown Business Park, Naas, County Kildare, Ireland
12
EN 14428:2015

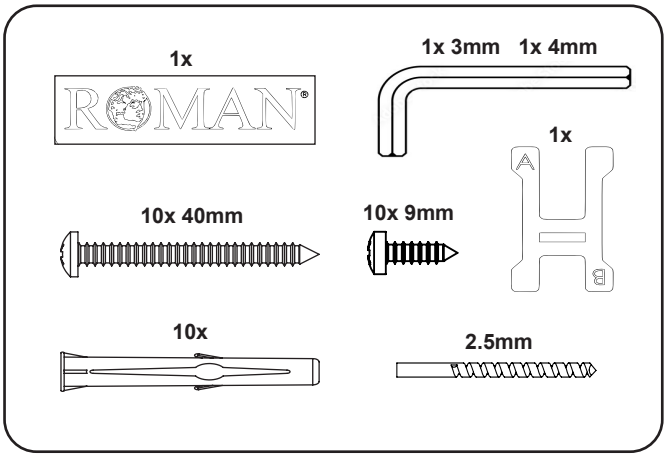
UK CA

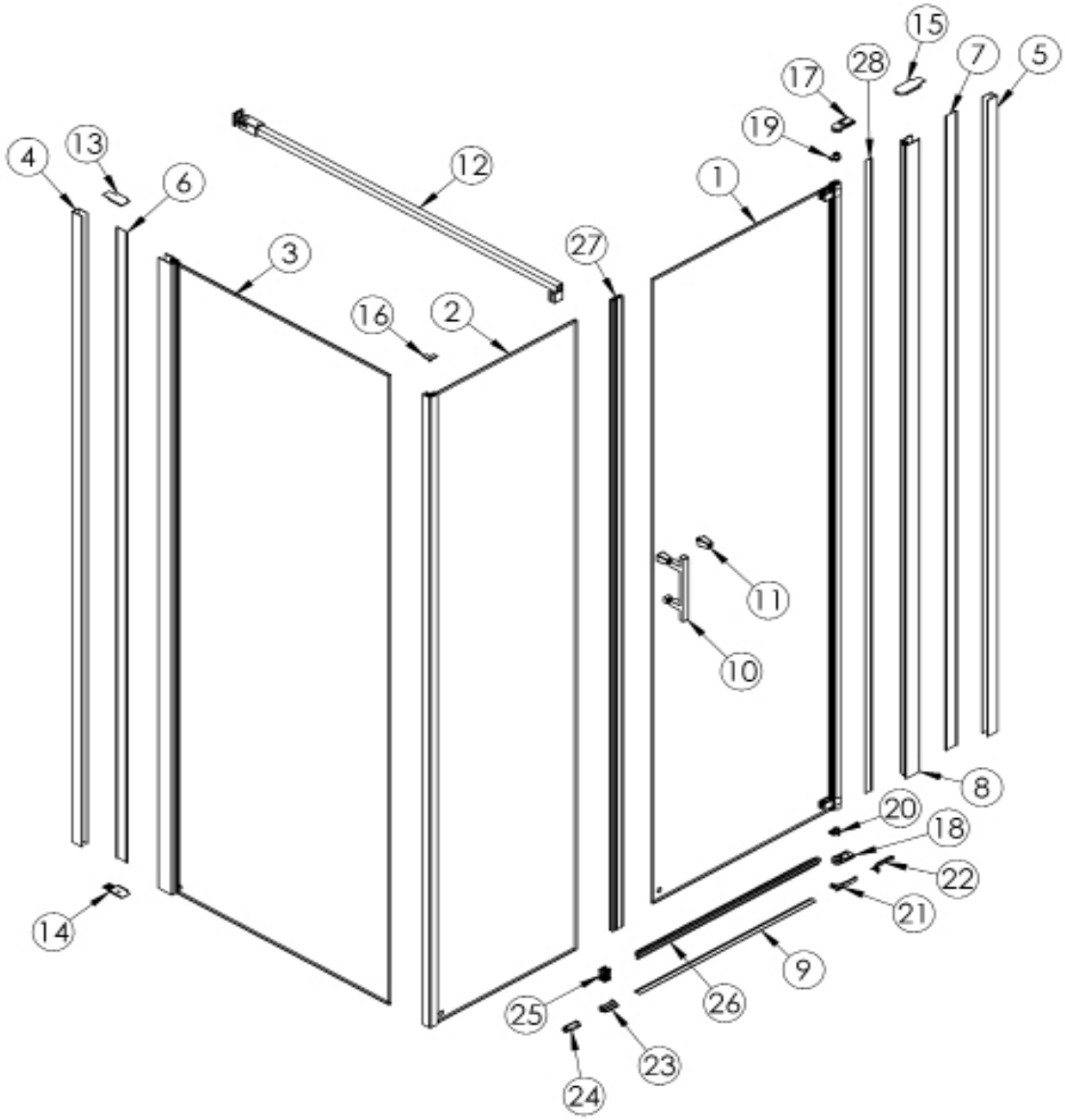
REV06 - 12.2024

Equipment Checklist: Not Supplied



Fixing Kit Components





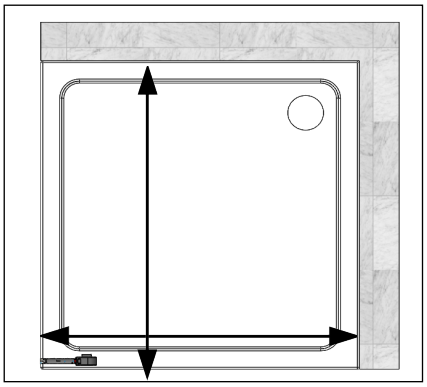
Part No.	Description	Qty	Part No.	Description	Qty	Part No.	Description	Qty
1	Door Assembly	1	11	Handle with Rubber Stop	1	21	LH Pivot Dam Moulding	1
2	Inline Panel Assembly	1	12	Bracing Bar Assembly	1	22	RH Pivot Dam Moulding	1
3	Side Panel Assembly	1	13	LH Panel Top Cap	1	23	LH Inline Dam Moulding	1
4	Short Wall Profile	1	14	RH Panel Top Cap	1	24	RH Inline Dam Moulding	1
5	Long Wall Profile	1	15	Door Top Cap (Unhanded)	1	25	Setting Block	1
6	Short Cover Plate	1	16	Corner Post Top Cap	1	26	Bottom Flipper Seal	1
7	Long Cover Plate	1	17	LH Pivot Cap	1	27	Vertical Magnet Pair	1
8	Pivot Vertical Aluminium	1	18	RH Pivot Cap	1	28	Vertical Tube Seal	1
9	Door Bottom Strip	1	19	LH Tube Cap	1	29	-	-
10	Door Handle Assembly	1	20	RH Tube Cap	1	30	-	-

Step 1 - Pre-Installation Checks & Aperture Sizes

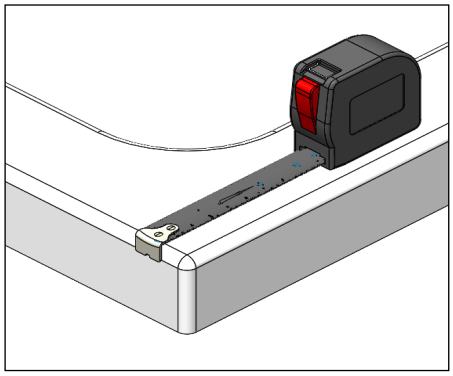
Your area must be tiled and grouted before measuring your tray - refer to your tray installation instructions and ensure this is done correctly. This is because tray measurements are taken from the tiled wall. Once tray installation is complete you can proceed to measuring the area, measure the bottom, middle and top across a 1950mm height The tables below show the range of tray widths which will allow for correct fitment - this is for standard products only. For Bespoke products please refer to your customer drawing for the MID Adjustment of the Door / Side Panel, and add 15mm for your required/ minimum tray width.

Product Code (Door + Inline)	Tray Size (Min)	Tray Size (Max)
N2F1HDR13# + N2HR1013#	972mm	992mm
N2F1HDR13# + N2HR1213#	1172mm	1192mm
N2F2HDR13# + N2HR1413#	1372mm	1392mm
N2F2HDR13# + N2HR1513#	1472mm	1492mm

Product Code (Side Panel)	Tray Size (Min)	Tray Size (Max)
N2HR813#	770mm	790mm
N2HR913#	870mm	890mm



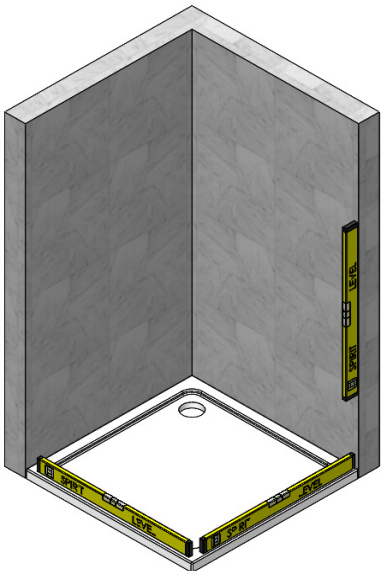
Measure from the very outside of the tray - before the radius. Go all the way to the tiled wall.

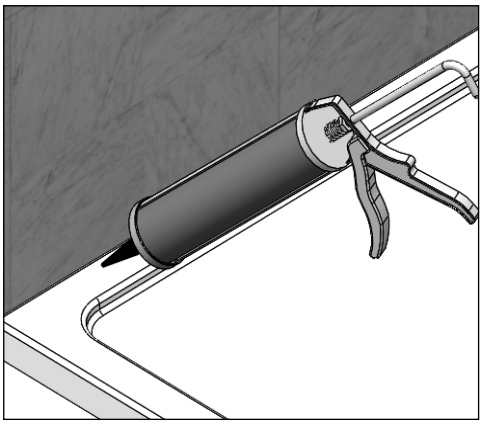


Measure from the very outside of the tray - before the radius. Go all the way to the tiled wall.

If your tray exceeds the given amount for your product size, you may need a bespoke product.

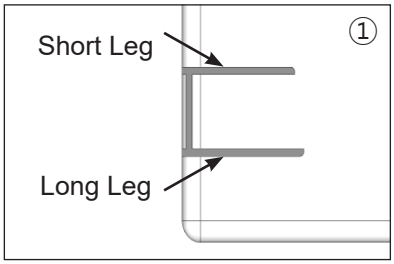
Step 2 - Pre-Installation Checks

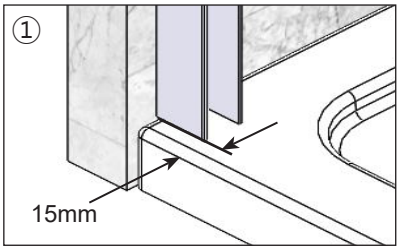


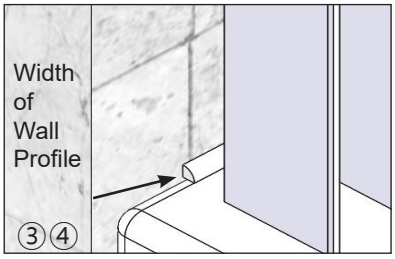


1. Make sure the tray is installed as per the manufacturer's instructions.
2. Check your Tray and Walls are level on all sides (the bubble on the spirit level must be in the centre of the 2 lines).
   - If the Walls & Tray are not level you will not achieve the +/- 10mm of adjustment in each profile.
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 tray.
5. The tiles and the tray 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 3 - Fitting the Wall Profiles





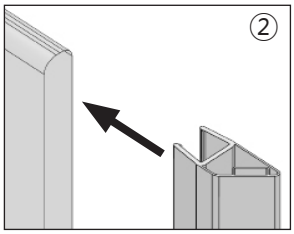


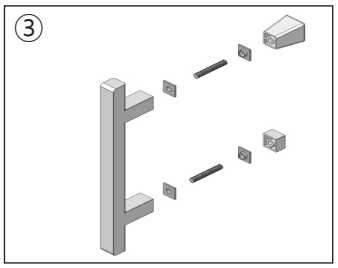
1. Decide which side of the tray the door is to be fitted. Place the longer wall profile 15mm in from the outside of the tray. The longer leg of the wall profile must be on the outside of the enclosure, towards the front of the tray. Make sure the wall profile is completely vertical using a spirit level and mark the wall through the slots with a pencil.
2. Drill the wall with a 6mm Masonry Drill Bit (not supplied) where the wall profile is to be positioned. Fit the wall plugs supplied (if going in to a brick or block wall). If going into a plasterboard wall you will need to purchase appropriate wall fixings. Wipe clear all debris from the tray before referring to the next stage.
3. Where the wall profile is to be positioned on the tray, place a bead of bathroom sealant (not supplied) the width of the wall profile along the tiled wall. Screw the wall profile to the wall with 40mm Screws (supplied). Do not over tighten the screws into the wall profiles as this will misshape the wall profile. Ensure the wall profile remains completely vertical throughout.
   - No sealant to be present between the wall profiles and the tiled walls vertically prior to screw fixing.
4. Seal the gap on the inside between the tray and wall profile with a bathroom sealant (not supplied).
   - Failure to carry out stages 3&4 correctly can result in serious water damage and is not covered by the guarantee.
5. Repeat these steps for the shorter wall profile on the opposite wall.

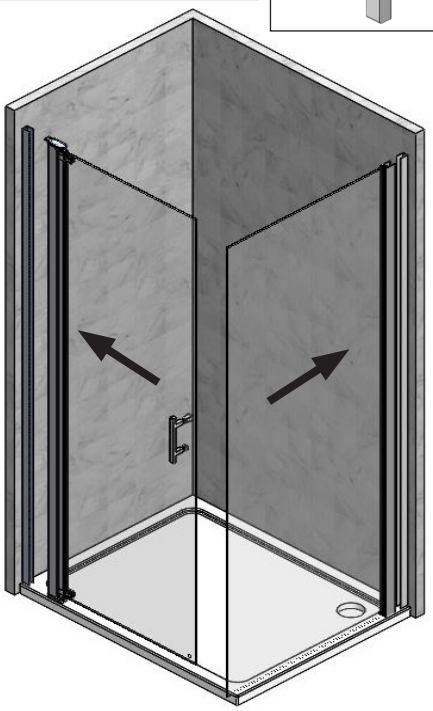
Step 4 - Fitting the Door & Side Panel

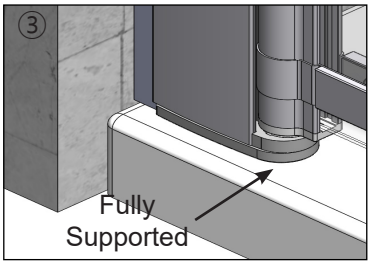
NOTE: 2 people will be required to carry out these operations. Some parts are hidden for clarity reasons.

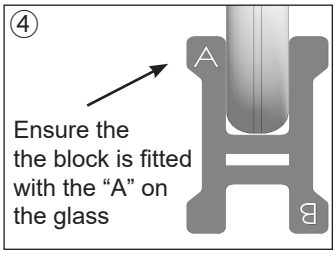
1. Dismantle the handle assembly and re-assemble onto the door glass. Make sure the plastic gaskets are fitted between the handle and the glass.
2. Place the setting block onto the bottom of the glass, ensuring the end marked “A” is on the glass.
   - Ensure the setting block is situated fully on the door glass.
3. Lift the door assembly onto the tray and slide over the longer wall profile making certain that the setting block is resting on top of the tray - Ensure there is an 18mm gap between the door and the in-line glass.
   - **With the setting block resting on top of the tray, ensure that the pivot block on the door side is fully supported and sits flush against the tray top.**
4. Lift the side panel assembly over the shorter wall profile and carefully push it until it is fully home. Keep the glass parallel to the edge of the tray.
5. Decide whether the door will open inwards or outwards and push one of the angled magnets onto the edge of the door Glass.
   - **Note: The image above shows the outward opening magnet configuration.**





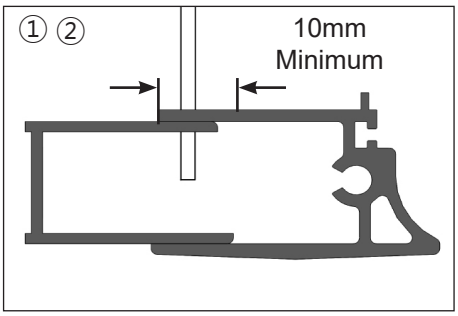


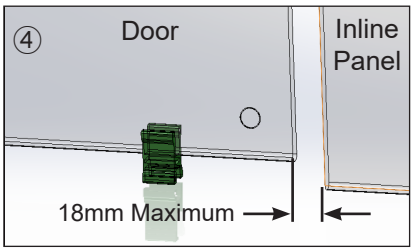


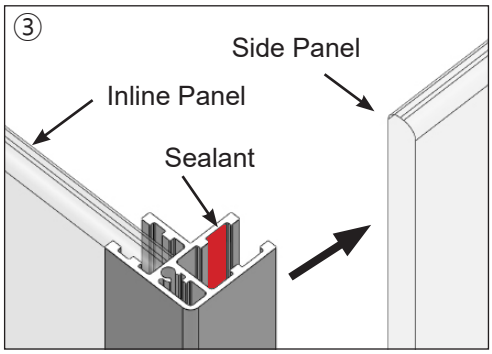


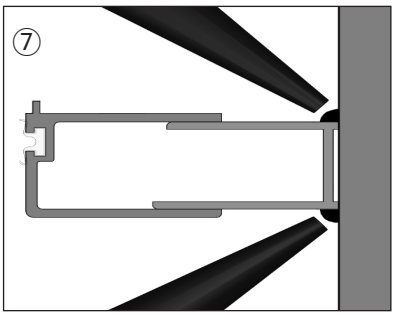
Step 5 - Fitting Inline Panel & Fixing the Enclosure

NOTE: 2 people will be required to carry out these operations. Some parts are hidden for clarity reasons.



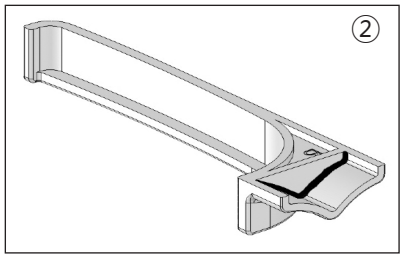


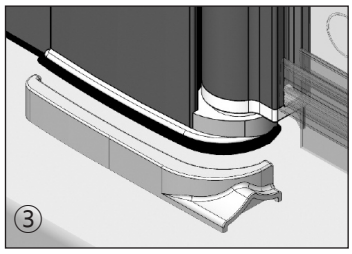


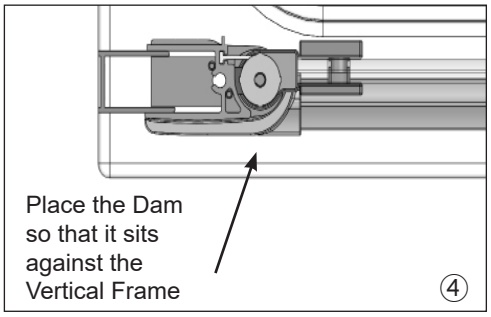


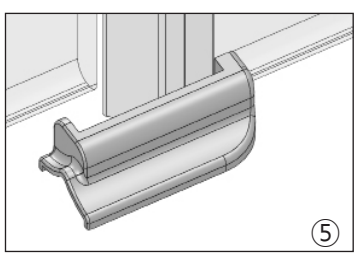
1. Push the other Angled Magnet onto the In-Line Panel Glass.
2. Place a bead of sealant on the inside of the Corner Post vertically from top to bottom.
3. Firmly push the In-Line Panel Assembly onto the Side Panel glass. Ensure the Corner Post is pushed onto the Side Panel Glass fully. Keep the In-Line Panel and Side Panel parallel to the edge of the tray.
4. Close the Door onto the In-Line Panel so that the Magnets attract. Adjust the Door Assembly in the Wall Profile until the Magnets locate onto each other from top to bottom.
   - **Note: There must be a minimum of 10mm for fixing in the wall profiles**
   - **Ensure there is an 18mm Gap between the Door and the Inline Glass.**
5. On the inside of the enclosure, with the 2.5mm drill bit (supplied), drill a hole into the Vertical Frame and Wall Profile approximately 100mm from the top and bottom and one in the centre. Drill 2 holes between these (5 holes in total
   - **Ensure the door is completely vertical (the bubble on the Spirit Level must be in the centre of the 2 lines)**
6. Fasten the Door and Side Panel to the Wall Profiles using the 9mm screws supplied.
7. Seal the Wall Profiles vertically top to bottom, both internally and externally where they meet the tiles.
   - **IMPORTANT: Failure to carry out stage 7 may result in serious water damage and is not covered under theterms of the guarantee.**
   - **Allow 24 hours for the sealant to fully cure prior to using the shower.**
8. Remove the setting block from the bottom of the door.

Step 6 - Fitting the Dams



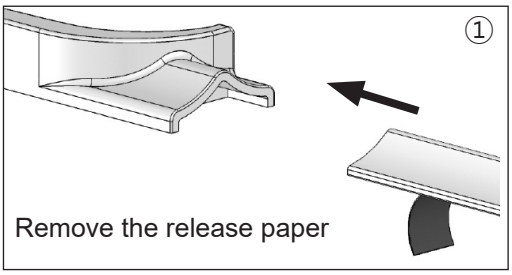


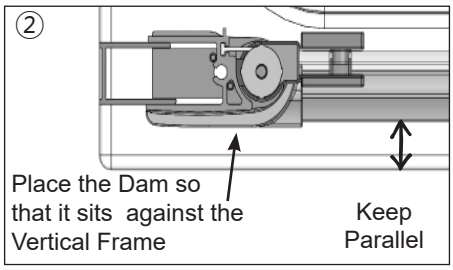


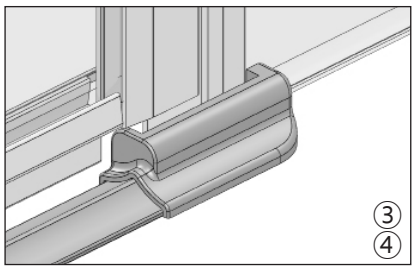


1. Choose the correct Dam for your installation and discard the other.
2. Turn the Dam upside down and add a small amount of sealant on the inside edge (see image).
3. Seal the base of the pivot section to the Tray Top as shown in the image above.
4. Position the Dam against the Vertical Frame at the pivoting side of the door and gently press into the sealant just applied.
   - IMPORTANT: The Dam must be fitted before the pre-applied sealant starts to cure.
5. Choose the correct In-Line Dam for your installation and add a small amount of sealant to the base and the inside edge and position it against the Panel Glass.
   - The In-Line Dam should wrap around the Panel Magnet.

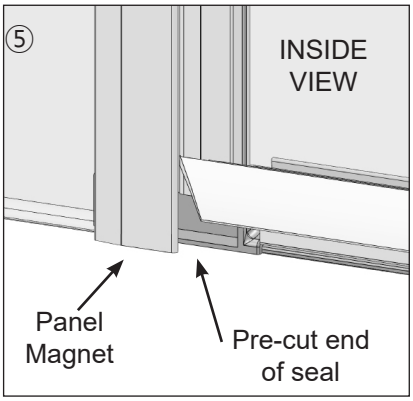
Step 7 - Fitting the Bottom Rail & Seal







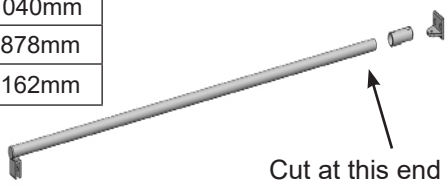
1. Remove the release paper from the back of the adhesive tape (which is on the underside of the Bottom Rail) and place the Rail inside the Dam at the pivot side of the door and inside the In-Line Dam.
   - **The In-Line Dam may need lifting over the Bottom Rail.**
2. Press the Rail down onto the top of the tray ensuring that it is kept parallel to the outside edge of the tray and that the Dam and In-Line Dam remain in position.
   - **Make sure the top of the tray is clean and free from any contaminates before applying the Rail.**
3. Push the Panel Magnet down so it sits onto the base of the In-Line Dam.
4. Reattach the Door Magnet so it just clears the In-Line Dam when the door is opened. Trim both Magnets so that they are level with the top of the glass.
5. Fit the Bottom Seal onto the bottom of the glass making sure the pre-cut angled end touches the Panel Magent when the door is closed. Ensure that the deflector is facing inward towards the shower.
6. Mark the seal with a pencil at the opposite end where it meets the Pivot Tube. Trim the seal so that it fits between the Pivot Tube and the Door Magnet.
   - **Make sure the Magnets on the door and panel locate onto each other from top to bottom.**

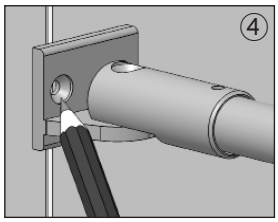


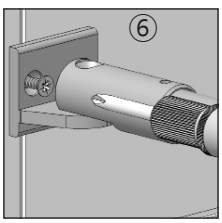
Step 8 - Bracing

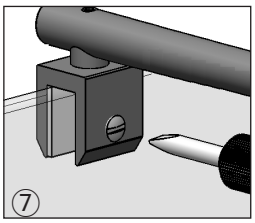
NOTE: The bracing is optional and may not be required. Decide whether you have enough stability in the panel without it. It can be fitted to either wall and offers more stability the closer it is to the door.

Brace Bar (*Example Only)	
Given Dimension...	1040mm
Wall to Outside of Glass...	*878mm
Amount to Reduce Brace Bar by...	*162mm



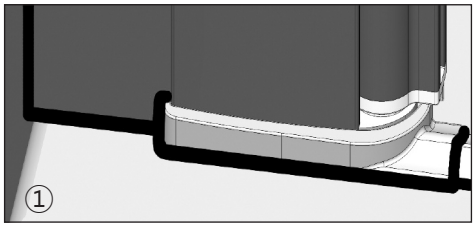


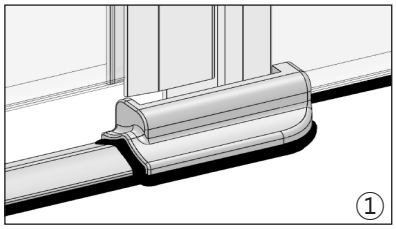


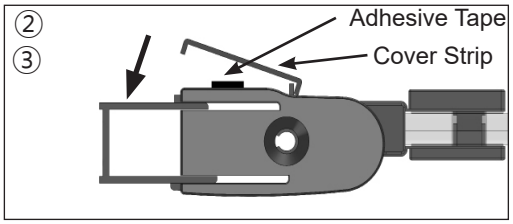


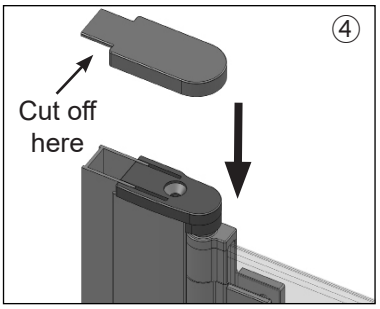
1. Decide which wall you will be fixing to and measure the distance from the wall to the outside face of the In-Line Panel Glass at the point the Glass Bracket will be positioned.
2. Deduct that measurement from 1040mm,shorten the Brace Bar by the new amount (see*Example above).
   - **Use a hacksaw or similar to shorten the brace bar. It is important that it is shortened at the Wall Bracket end - be sure to remove all burrs and sharp edges.**
3. Place the Bracing Assembly over the glass and up to the wall. Use a Spirit level to keep it level.
4. With a pencil mark the wall through the screw holes in the Wall Bracket.
5. Remove the Bracing and drill the holes using a 6mm Masonry Drill (not supplied) and fit the Wall Plugs.
6. Replace the Bracing Assembly on to the Panel Glass and secure the Wall Bracket to the Back Wall.
7. Place the plastic spacers between the Glass and Glass Bracket and tighten the Slotted Screw.
8. Tighten all screws.
   - **There is 10mm of adjustment in the Brace Bar assembly to allow for correct adjustment.**
   - **The Brace Bar must be level, use a Spirit Level and ensure the bubble is in the middle of the two lines.**

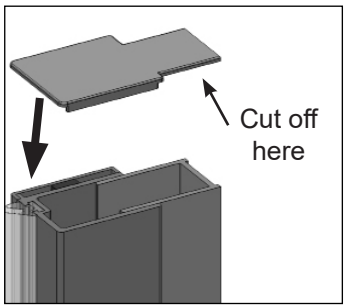
Step 9 - Sealing

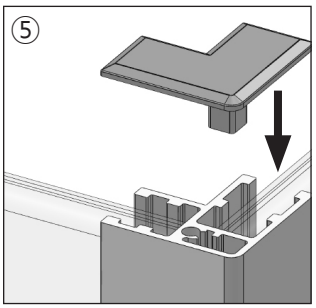












1. Seal the base of the enclosure to the top of the tray from wall to wall on the outside only making sure that you seal around the Dam and In-Line Dam as shown. Seal the Dam vertically where it meets the Wall Profile/Main Vertical. If the Door Bottom Seal drags over the Bottom Rail, the door may need raising at the magnet side. Unscrew the top 3-4 door fixing screws, raise the door, re-drill and re-fix.
   - **IMPORTANT: Failure to carry out stage 1 may result in serious water damage and is not covered under the terms of the guarantee.**
   - **DO NOT seal the base of the product to the inside, failure to comply may result in the product leaking.**
   - **Allow 24 hours for the sealant to fully cure prior to using the shower.**
2. Remove the release paper from the Adhesive Tape supplied and place the Tape on the face of the Vertical Door Frame, ensuring the Tape is positioned to one side of the screw heads.
   - **The longer Cover Strip is for the pivot side of the product.**
3. Place one side of the Cover Strip over the leg on the Vertical Frame and press firmly to stick the Cover Strip to the Frame.
4. The Top Caps have grooves and can be shortened by cutting along these grooves using scissors or snips (adding a small amount of sealant will help keep the caps in place).
5. Push fit the Corner Post Top Cap onto the Corner Post.
6. Place the Branding Badge in a prominent position on a none moving part of aluminium.

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 tray and wall profiles has been sealed correctly. 2. Ensure the tray is sealed along the tiled walls prior to installation. 3. If the inside joint between the enclosure and the tray top is sealed, this will cause leakage - sealant must be removed. 4. Ensure the wall p rofiles on the tiled walls are sealed both vertically inside and outside. 5. Ensure the joint between the enclosure and tray top is sealed. 6. The deflector on the bottomseals is semi rigid and can be carefully altered to offer more deflection of the water. 7. Check the angled magnets are locating and there are no gaps. Important: This enclosure should be water tested conforming to BS EN 14428
Enclosure Alignment on Tray	1. Is the enclosure fitted onto a tiled wall? 2. Are the wall profiles fitted 15mm from the outside edge of the tray? 3. Is the wall profile completely vertical?
Door not operating correctly	1. Ensure both wall profiles are completely vertical. 2. Ensure the tray is completely level.

Please Note

If you attach or hang items, such as shampoo holders, shower baskets etc. onto this shower enclosure, please ensure all edges, that make contact with the glass, are well protected with a soft material such as rubber/ plastic.
Failure to do so may result in damage to the glass or even glass breakage. Bathroom accessory holders such as shower baskets should NOT be over loaded, which can stress the bare edges of the glass.
Bathroom accessory holders, such as Shower baskets, should not be placed where they could interfere with the operation of the enclosure or come into contact with moving parts.

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 has 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.