

Wave Series Sliding Door Installation & Maintenance Instructions

Rev. 10.22



LAKES
SHOWERING SPACES

IMPORTANT NOTES :

Please read carefully & retain these instructions for future reference.

1. For ease & safety we advise that two persons assemble this product.
2. Protect shower tray surfaces at all times.
3. Exposed glass corners / edges **MUST NOT** contact hard surfaces at any time.
4. Check for cables, pipes etc before drilling walls.
5. Ensure all surfaces are dry, clean & free of loose debris / dust.
6. Unpack goods with care (small parts can become lodged in packaging & inadvertently discarded). Check parts supplied against parts & fittings listed herein. Damaged parts / omissions may be resolved by calling Lakes Bathrooms Helpline.
7. Whilst precautions are taken in manufacture, care must be taken when handling as rail ends may have sharp edges.
8. Before commencing, check :
 - a) shower tray is level & completely sealed to finished / tiled walls.
 - b) finished walls are sound & free of cracks loose tiles / grout.
9. **AFTER INSTALLATION, DO NOT 'WET' ENCLOSURE FOR 48 HOURS (ENSURE FULL CURE OF SILICONE SEALANT).**

USE :

General Care & Maintenance.

Provided this product is installed & operated in accordance with these instructions, problems should not arise. However should maintenance be required it should be carried out by a competent person with reference to these instructions. Before any work is carried out the root cause of the problem must be identified. Lakes Bathrooms service engineers are available if necessary to consult / carry out remedial work. Call Lakes Bathrooms HELPLINE.

Cleaning.

(Every one to two weeks depending on local water {hardness} conditions).

All glass panels in this product have a hydrophobic coating aiding 'runoff' of water droplets, reducing the need for frequent cleaning. For best appearance / product life however, regular cleaning is recommended.

Use **ONLY** mild soap / detergent solutions to clean. Rinse with water, squeegee glass panels & wipe frames dry with a soft cloth. Under no circumstances should abrasive, caustic or scouring products be used. Non compliance with these cleaning instructions may cause decorative finishes to deteriorate & could adversely affect safe operation of the enclosure.

Limescale ~ should a build up of limescale occur, remove using a 50:50 solution of white vinegar & water applied with a soft cloth & rinsed / dried thoroughly afterwards.

Daily Care.

To prevent the build up of limescale, do not allow water droplets to dry on glass or frames. After showering, rinse with water, remove droplets from glass with a squeegee & wipe frame with a soft cloth.

Customer Service.

Quality Guarantee : Lakes Bathrooms Ltd guarantee Shower Doors & Enclosures against any manufacturing or material defects for the lifetime of the product. We will resolve defects free of charge by repairing / replacing parts as we feel necessary. To be 'free of charge' service work must be carried out by Lakes Bathrooms or approved agents.

Seals are considered 'wear & tear' parts, as such, they are guaranteed for 12 months from purchase.

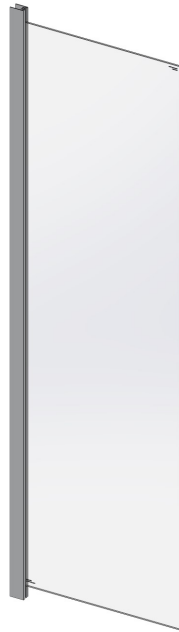
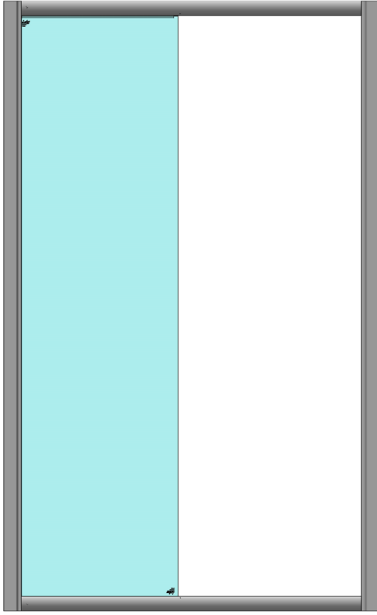
Not Covered by this Guarantee : Damage or defects that result from improper installation, improper use, or lack of maintenance (including limescale buildup). Damage or defects that result from repairs / modifications undertaken by unauthorized persons. This guarantee is in addition to statutory & other legal rights.

What to do if something goes wrong : Should the product not function correctly on initial use, firstly, contact the installer to check that unit installation & commissioning are in accordance with these instructions. Should this not resolve difficulties or should performance decline, consult 'Troubleshooting' section to see if simple home maintenance is needed. Alternatively our HELPLINE staff can assist, or if necessary arrange for a service engineer to visit.

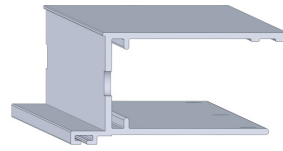
Spares : We maintain extensive spare part stocks. Spares can be ordered / purchased from your retailer in the first instance. Parts will normally be dispatched within two working days from order placement.

SUPPLIED PARTS : 1000 to 1200mm

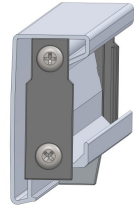
Main Panel Sub Assy 1x
(comprising):



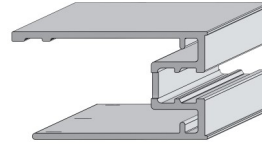
Fixed Panel Sub-Assembly(1x)



Vertical Frame Rail (door side)
(1950mm 1x)



Horizontal Frame Rail Assy With Joining
(handed pair)



Vertical Frame Rail (panel side)
(1950mm 1x)



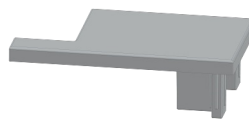
Horizontal Glazing Seal (2x)



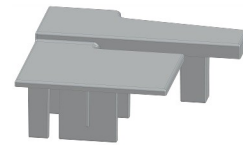
Door Glass (1x)



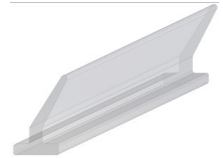
Wall Rail Assy
1950mm (2x)



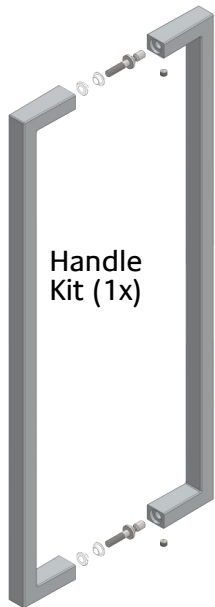
Top Cap inner (vert frame)
(handed pair)



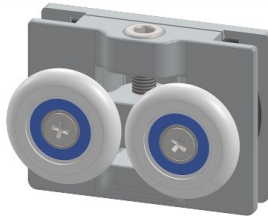
Top Cap outer (wall profile)
(handed pair)



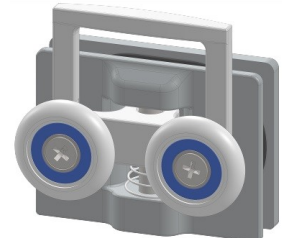
Frame Lip Seal (1x)



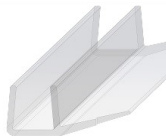
Handle Kit (1x)



Top Wheel Assy (2x)



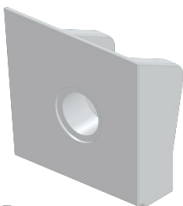
Bottom Wheel Assy (2x)



Edge Seals
1937mm
1850mm



Wall Profile Cover Strip (2x)



Doorstop Block (4x)



Doorstop Buffer
(2x Top & 2x Bottom)



3,5 x 12 long Csk Head self tapping screw (4x)



Decorative Screw Cover Cap (4x)



4 x 45 long self tapping screw (6x)



7,5 x 39mm Wall Plug (6x)



3,5 x 10 long Pan Head self tapping screw (6x)

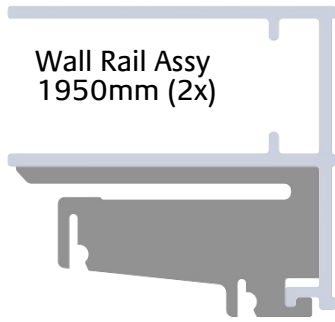
SUPPLIED PARTS : 1300 to 2000mm



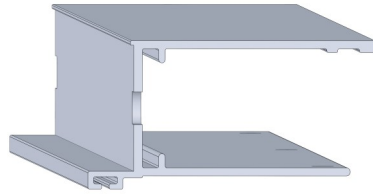
Fixed Panel Sub-Assy(1x)



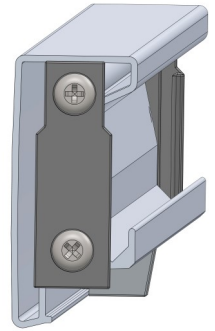
Door Glass (1x)



Wall Rail Assy
1950mm (2x)



Vertical Frame
Rail (door side)
(1950mm 1x)



Horizontal
Frame Rail Assy



Doorstop
Block (4x)



4 x 40 long self
tapping screw
(4x)



Horizontal
Glazing
Seal (2x)



Decorative Screw
Cover Cap (4x)



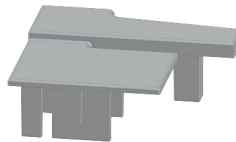
3,5 x 12 long Csk Head
self tapping screw (4x)



Doorstop Buffer
(2x Top & 2x
Bottom)



Top Cap inner
(Vertical rail)
(handed pair)



Top Cap outer
(Vertical rail)
(handed pair)



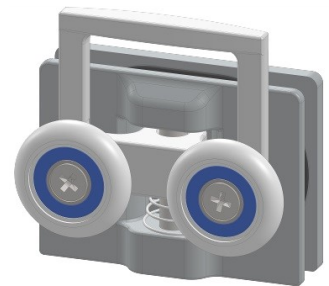
Lip Seal (1x)



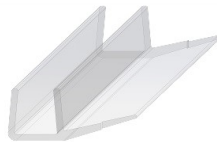
Handle
Kit (1x)



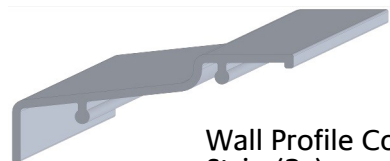
Top Wheel Assy (2x)



Bottom Wheel
Assy (2x)



Edge Seals
1937mm
1850mm



Wall Profile Cover
Strip (2x)



4 x 45 long self
tapping screw
(6x)



7,5 x 39mm Wall
Plug (6x)



3,5 x 10 long Pan Head self
tapping screw (6x)

Size ref	Adjustment Range (Dim 'A')	Remark
1000mm	950 to 1000mm	Fully
1100mm	1050 to 1100mm	Assembled
1200mm	1150 to 1200mm	
1300mm	1250 to 1300mm	
1400mm	1350 to 1400mm	Kitted
1500mm	1450 to 1500mm	
1600mm	1550 to 1600mm	
1700mm	1650 to 1700mm	
1800mm	1750 to 1800mm	
2000mm	1950 to 2000mm	

Tools Required

Ensure tray is correctly levelled & that tray / wall (tile) joints are sealed & cured over entire length of tray sides (See Fig A) prior to fitting enclosure.
DO NOT SEAL TRAY EDGES UPTO A FITTED ENCLOSURE !

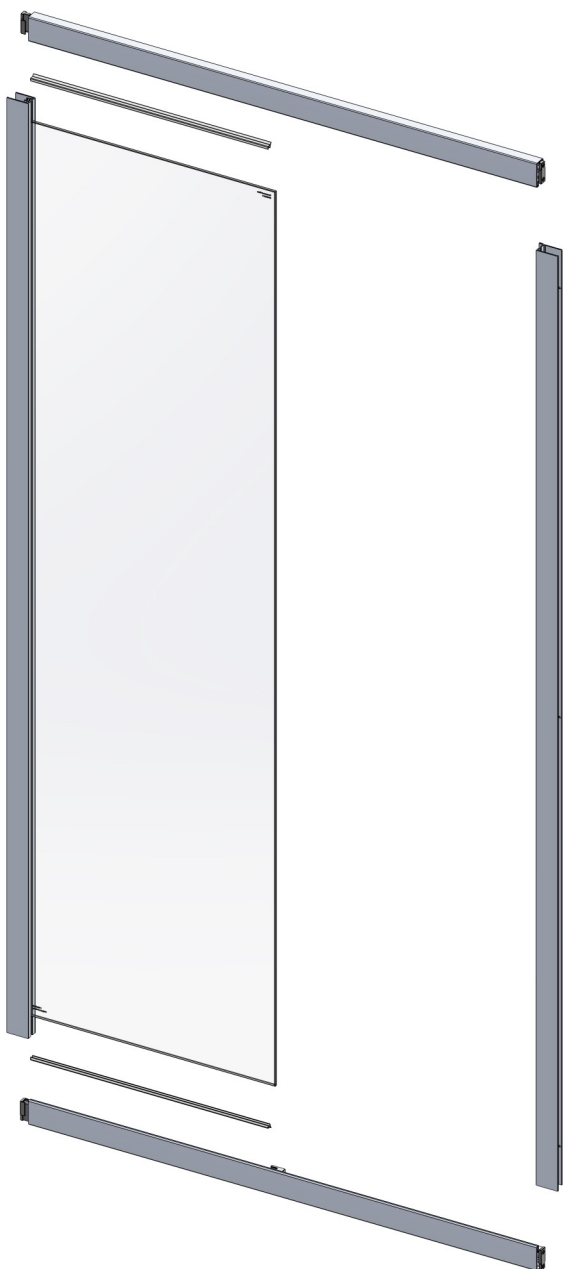
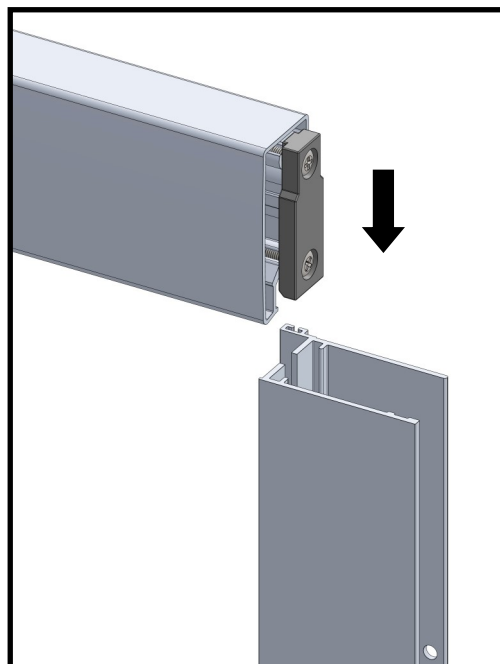
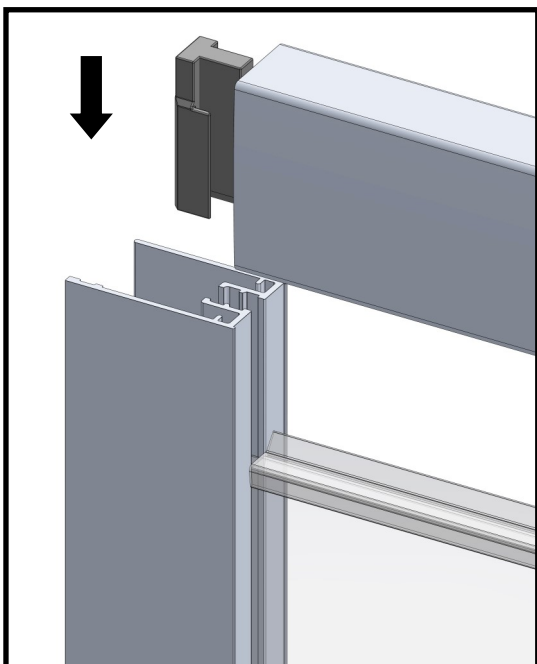
A

Ensure continuous silicone sealant bead before fitting.

Measure & mark wall rail positions.
 Drill & plug walls only at this stage.

MAIN FRAME SUB ASSEMBLY: (Kitted models)

(B)

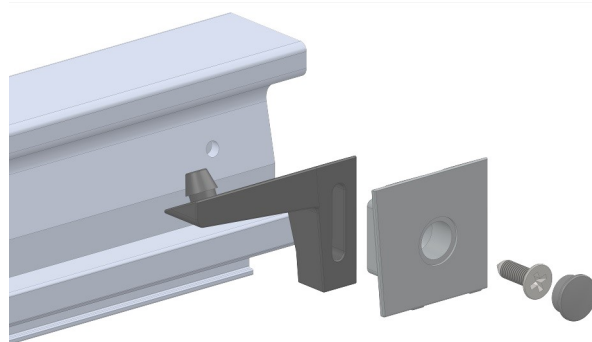


1. Fit horizontal glazing seals to top & bottom edges of panel glass. Ensure seal is pushed up against vertical rail. (Note, horizontal seal may be omitted from top of frame for ease of construction). Seals may be 'wetted' to ease assembly.

2. Assemble bottom horizontal rail onto vertical frame profile and fixed panel assembly, ensure plastic joining parts are in slots in vertical rails. Repeat steps to fit top rail

3. Tighten screw to fix horizontal rails to verticals.

4. Fit doorstops to rails in order shown. Doorstop buffers are marked 'Top' or 'Bottom', ensure correct stop is used in each rail. Fix with M3,5 x12mm self tapping screw then push in screw cover.



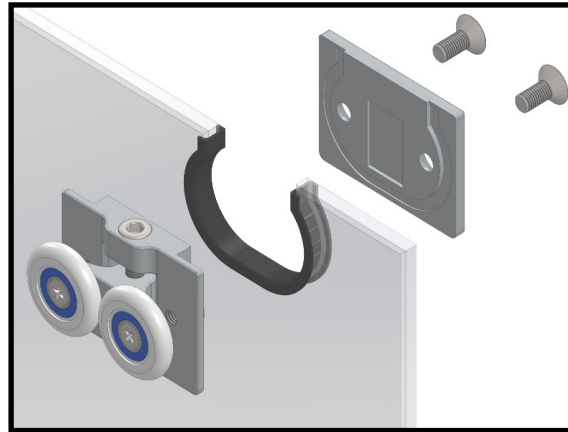
DOOR ASSEMBLY :

Wheels must be fitted to top & bottom of door glass.

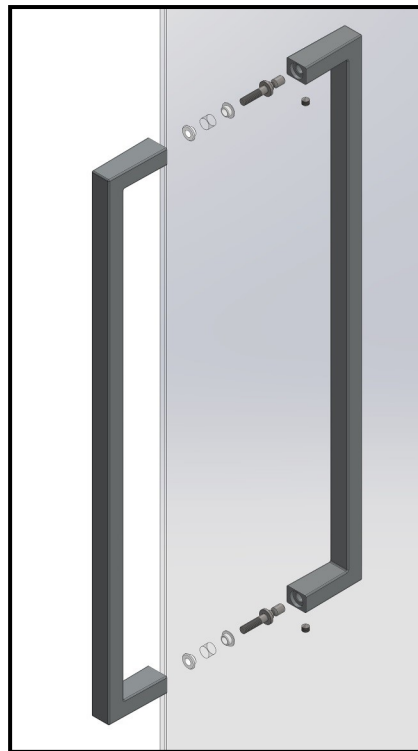


Right Hand

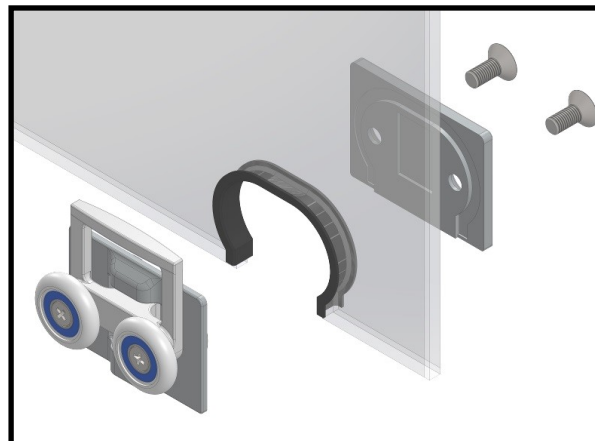
Left Hand



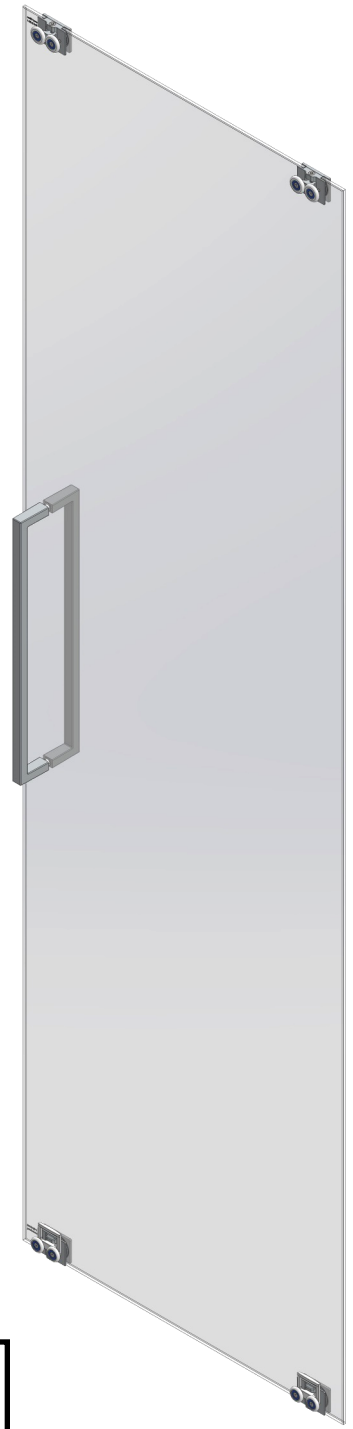
Loosely fit top wheels at this stage
(adjusting screw head to top).
Ensure screws are engaged in body, but
do not tighten fully.



Fit handles to door glass.



Fit & fully tighten bottom wheels.



INSTALLING MAIN FRAME :

(One of two methods may be used)

Ⓓ

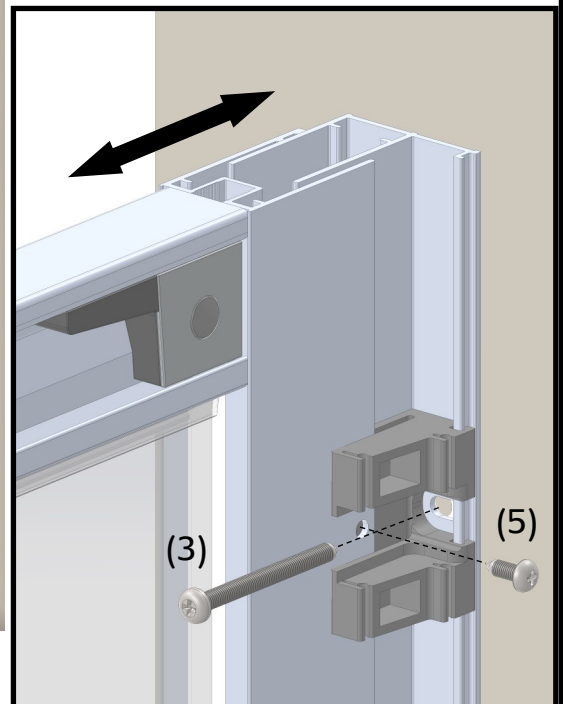
Method 1 :

- 1a. Affix either wall profile to one wall & fit other wall profile onto opposite frame side.
- 1b. Keeping unit upright, lift frame over tray & insert onto fixed wall profile
- 1c. Push back and align second wall profile to wall plugs.

Method 2 :

- 2a. Fit both wall profiles to frame sides.
- 2b. Keeping unit upright, lift frame over tray, align to wall plugs.

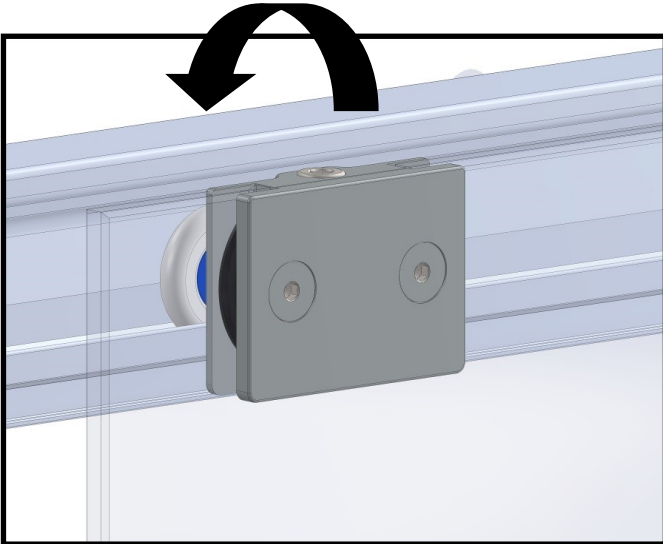
3. For either installation method, once aligned, affix to walls (plugs) with M4 x 45mm screws.



4. Manipulate frame within wall profiles until centered & ensure frame is completely plumb
5. From inside enclosure, using the wall profile holes as a guide, drill (3mm) & screw frame to wall profiles using 3,5 x 10mm screws.

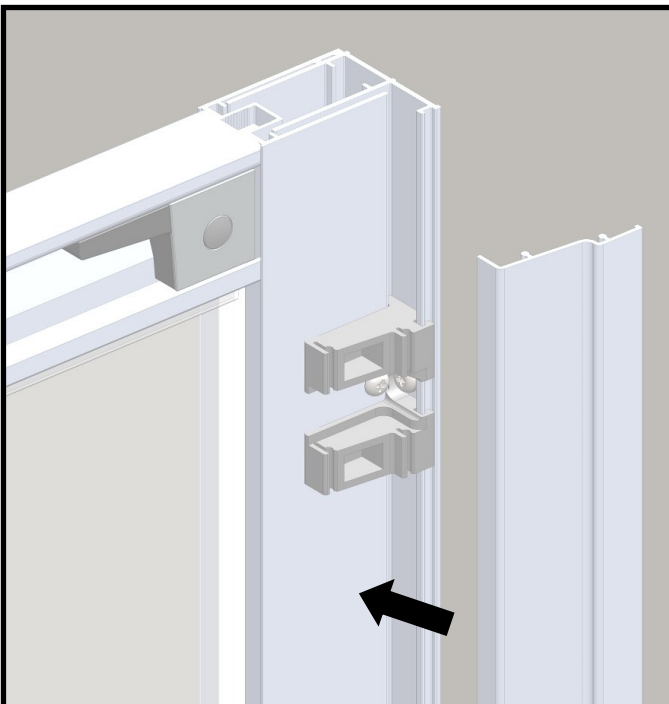
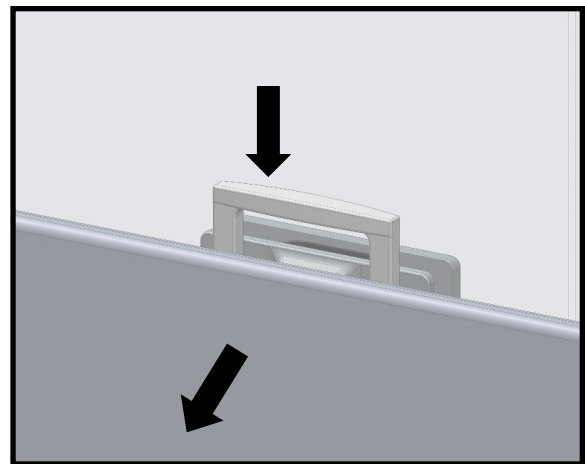
DOOR HANGING & SEALS :

(E)

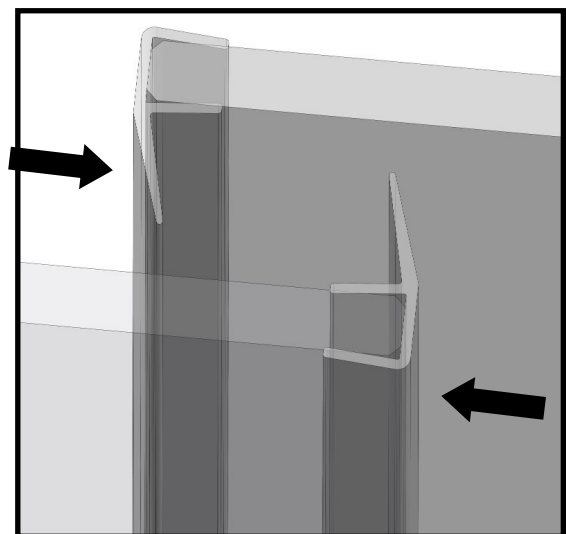


With wheel body loose on glass (screws engaged but not fully tightened) lift door & engage wheels in top rail & immediately tighten clamping screws.

Using buttons, engage bottom wheels in bottom rail.



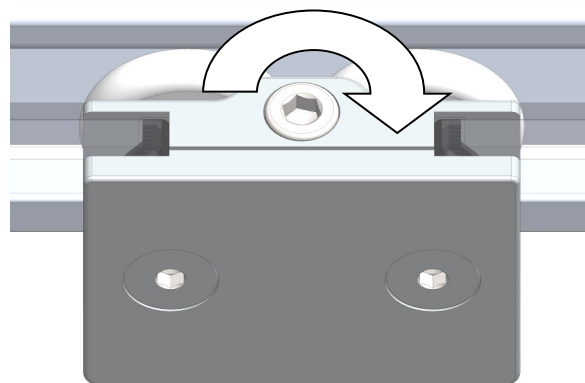
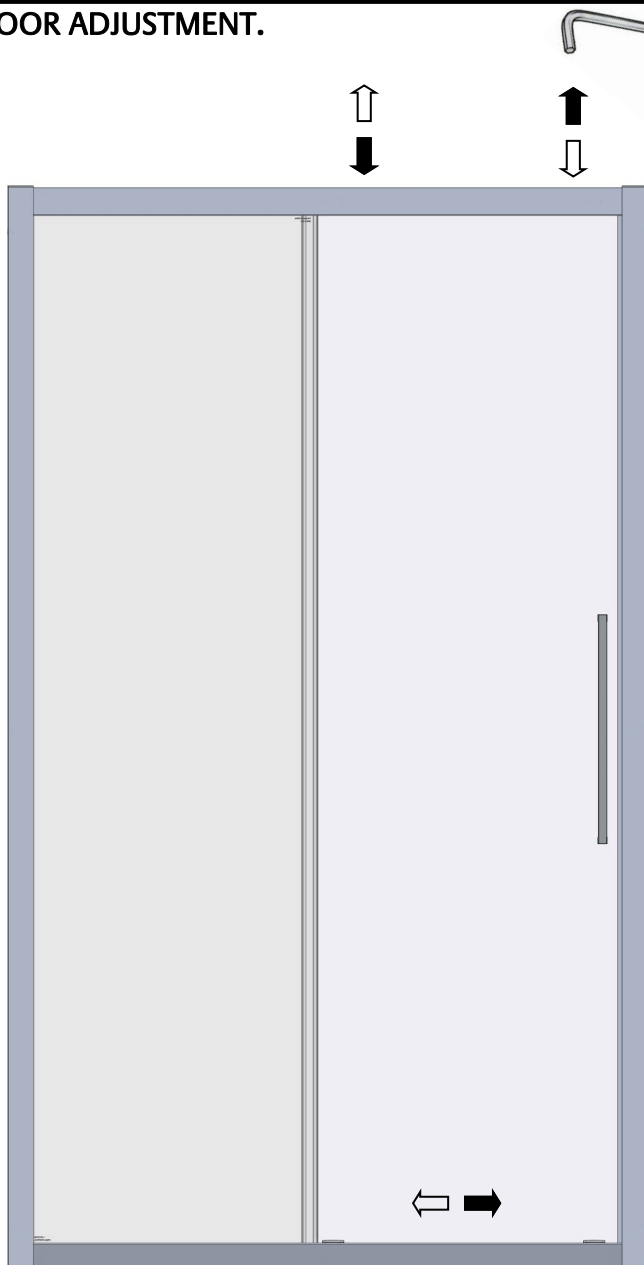
Clip cover strip to the wall profile ensuring it is engaged on all 3 clips.



Fit edge seals to trailing edge of door & leading edge of fixed panel.

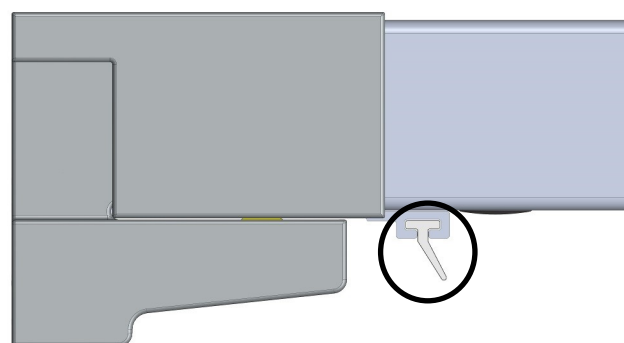
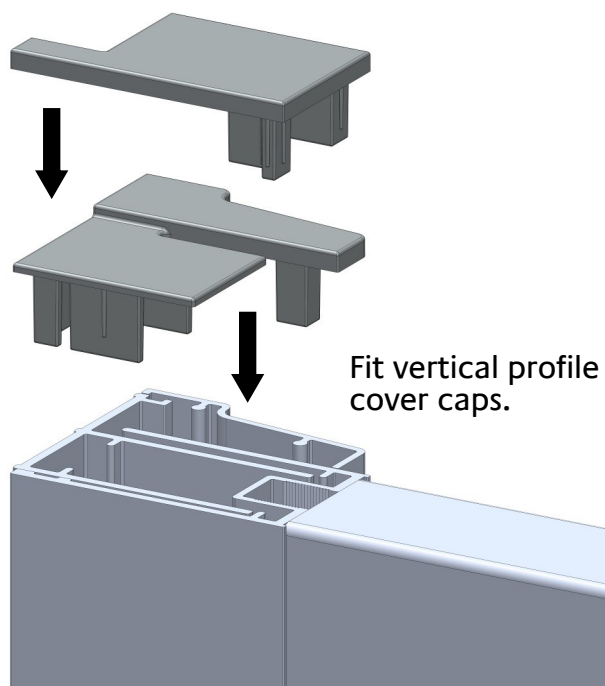
DOOR ADJUSTMENT.

F



Using a 4mm Allen key, adjust door heights until even & doors run smoothly. Adjust door angle so that the door glass overlaps the lip seal equally when in the closed position (door is plumb) & bottom wheels are secure in bottom rail wheel track. Turn adjusting screw clockwise to raise door.

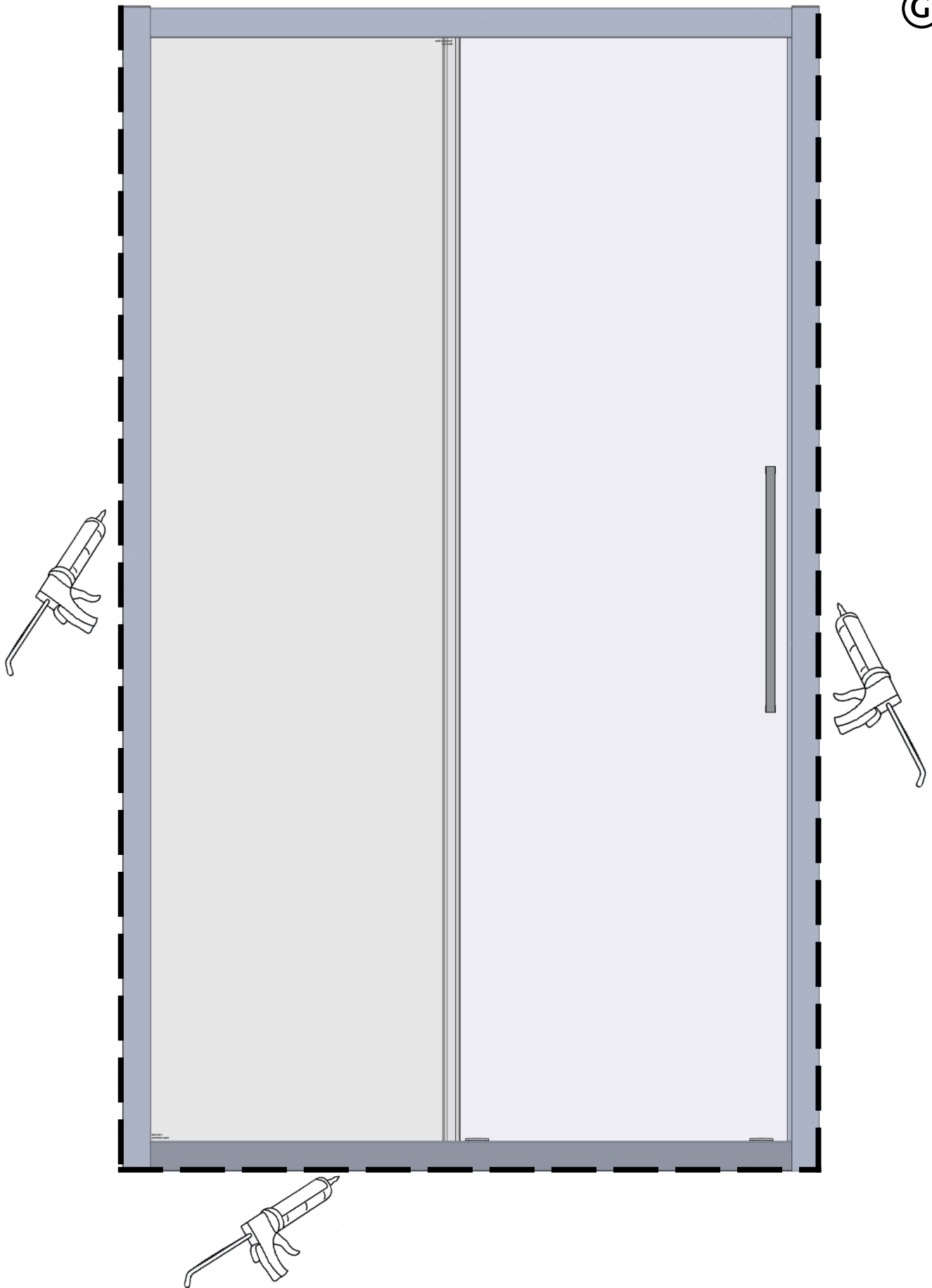
After adjusting, check that the wheel backplate screws are tight.



Fit lip seal into frame, ensure seal is angled away from wall side.

SEALING :

©



Use of good quality silicone sealant & cleaning / degreasing of all joint areas is recommended.
Apply continuous silicone sealant bead as indicated EXTERNALLY ONLY

BASIC TROUBLESHOOTING :

Door not reaching closing seal :

Ensure top doorstops are fitted to top rail and swap with bottom doorstops if necessary.

Check door alignments & adjust if necessary (see fig F).

Check Magnetic Seal orientations (reverse if necessary).

Door motion noisy / Door not running smoothly / Door loose on bottom rail :

Check for edge seals dragging on glass (can cause 'clicking' noise).

Check top wheels engaged properly in rails & roll smoothly along rails.

Check door height adjustment ~ raise doors so that spring loaded bottom wheels are in contact with & roll smoothly along bottom rail.

Wheels & Grooves are factory greased, however over time this may disperse or become contaminated by dust etc, cleaning of grooves & re application of sanitary silicone based grease will restore & ensure smooth door motion.

Leakage :

The sealing method described in these instructions relies on a continuous seal being applied between shower walls & tray before installing the enclosure (see fig A), it ensures a watertight seal around the perimeter of the enclosure to the shower walls & tray.

In the unlikely event of an enclosure leak, water will be visible on the outside of the enclosure itself, or around the perimeter silicone seal ONLY. Water / moisture appearing outside this area (ie at floor level) is normally due to incorrect tray installation.

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