

INFINITE RANGE - CENTRE FOLDING DOOR



CENTRE FOLDING DOOR + 2 SIDE RETURN PANELS (PENINSULA)

Please read these instructions before installing, as incorrect fitting will invalidate the guarantee-carry out each stage before moving onto the next. There are three sets of instructions enclosed in this pack. Select the set to suit your configuration.

1. Centre Folding Door Only (Recess)
2. Centre Folding Door + 1 Side Return Panel (Corner)
3. Centre Folding Door +2 Side Return Panels (Peninsula)

If you are unsure about these instructions please contact Kudos Shower Products:

Customer Service Help line: 01539 564040

IMPORTANT SAFETY NOTICE

The glass supplied with this enclosure is toughened safety glass in accordance with British Safety Standards. Care should be exercised when handling the glass to avoid knocking or bumping the glass, particularly the edges and corners of the glass as this could cause the glass to shatter into small fragments. It is essential to protect the glass by resting it on a soft protective surface during installation such as cardboard or carpeting.

KEY STAGES TO INSTALLATION

- 1 Check package contents
- 2 Install wall frames vertical and plumb.
- 3 Fit fixed glass front panels
- 4 Fit Head and Bottom rails
- 5 Adjust, plumb, level then tighten clamps
- 6 Fit door glass
- 7 Fit the rail slider assemblies top and bottom
- 8 Fit the door seals
- 9 Fit wall profile covers
- 10 Remove protective film from wall profile covers
- 11 Fit seals between glass and wall profiles
- 12 Silicone seal the unit

TOOLS REQUIRED

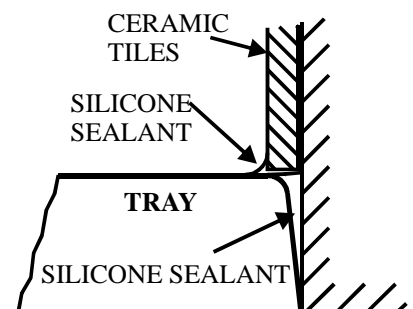
- Flat-headed screwdriver - medium
- Pozi-drive screwdriver - medium
- Spirit level
- Tape measure
- Silicone sealant - clear
- Electric drill
- 7mm masonry drill
- 2mm;2mm;2.5mm;4mm allen keys (supplied)
- Scissors
- Pencil
- Screw wizard tool (supplied)



Use this useful screw wizard tool to insert screws through wall profiles into wall and start first one or two turns then use your conventional screw driver.

IMPORTANT

- Check appearance of shower enclosure. Any defects must be reported to Kudos Shower Products before assembly / installation.
- Claims for imperfections will only be accepted prior to assembly / installation
- Ensure shower tray is level in all directions
- Prior to installation, any gap or crevice between the rim of the tray and wall must be filled with silicone sealant flush with the rim of the tray - see detail opp.
- Waterproof walls using ceramic tiles/shower panels etc., before installation.
- Check the enclosure adjustment sizes are suitable for your installation
- Use care when drilling into walls to avoid hidden pipes or electrical cables



CLEANING

GENERAL- use only warm soapy water and damp cloth/sponge on a regular basis.

Do not use abrasive scouring powders, chemicals or aerosol cleaners- these may result in damage to the surfaces, in particular, the chrome plated component parts

THESE INSTRUCTIONS ARE TO BE LEFT WITH THE USER

1 CONTENTS, carefully check contents. It is advisable to keep contents in protective packing until required.

2 The door can be installed with the closing side to either the left or the right. The side panels are common and fit on either side. Decide at this stage which suits your need. Note the positions of the handles in each case, this will assist you in determining the closing edge and choosing the best option for your application.

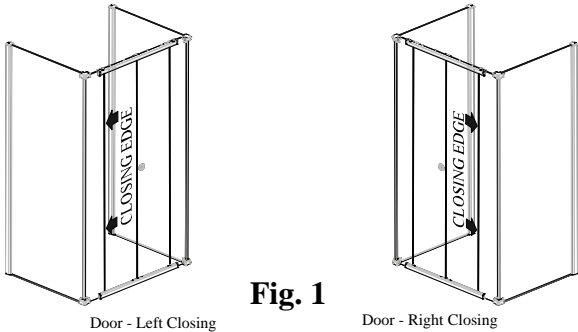
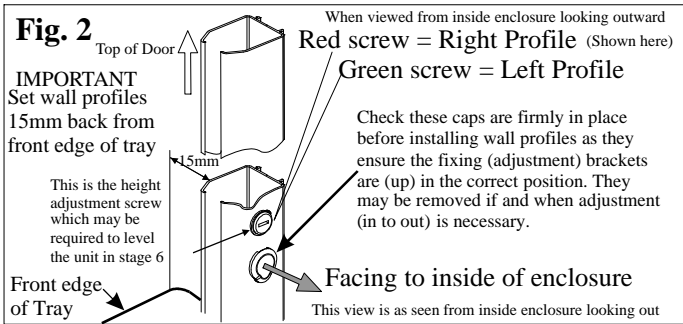


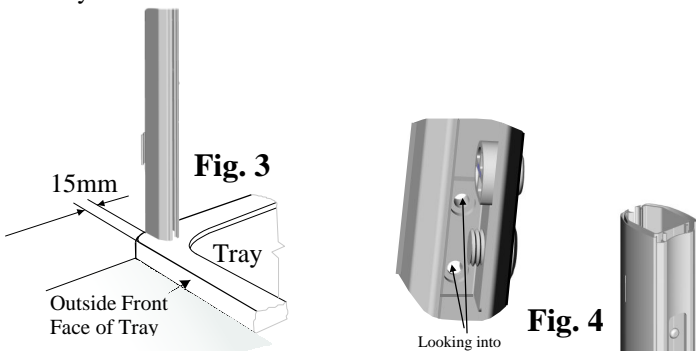
Fig. 1

THE DOOR CAN BE INSTALLED WITH THE CLOSING SIDE EITHER LEFT OR RIGHT. THE FOLLOWING SEQUENCE SHOWS A LEFT HAND CLOSING DOOR.

3 FITTING THE WALL PROFILES, When looking outward from inside of the enclosure, the left wall profile is identified by the green screw which should face the inside of the enclosure and be nearest to the top. Similarly the right wall frame is the one with the red screw which should face the inside of the enclosure and be nearest to the top. (See below Fig.2)



Each wall profile is screwed to the wall with 4 No8x30 screws and wall plugs (provided). Position one wall profile on tray 15mm from front face of tray (see Fig.3) and using a spirit level ensure it is vertical (not leaning backwards or forwards in the opening). Mark the position of the 4 holes on the wall through the wall profile. Remove wall profile and drill holes in wall using 7mm masonry drill bit.



Insert wall plugs provided (or fixings to suit the construction of your walls) screw wall profile into position. Then repeat process for the other wall profile. Use spirit level to check the wall profiles are vertical. If not, adjust using the lateral adjustment screws: (see "Guide to Adjustments" in stage 13 further in these instructions to identify the lateral adjustment screws)

NOTE: The instructions and illustrations show the left side panel. For clarity only the one side is shown - for the right side panel simply repeat the steps with the illustrations mirrored.

4 FITTING GLASS PANELS,

4.1 On the large glass side panel there is a corner seal into which one of the door side panels will be inserted to form the corner. Using the detail in Figs. 5 & 6 determine the bottom of the large side panel and fit the bottom seal as shown.

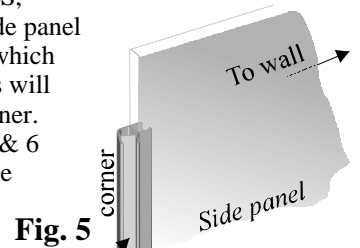


Fig. 5

This is the corner seal
This is the bottom seal

This is the seal for the bottom of the side panel. The soft edge must be to the inside of the enclosure and be set 30mm from the corner when fitting gasket.

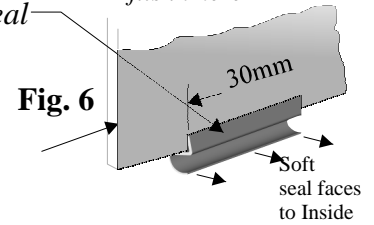


Fig. 6

Fit the corner bracket by sliding it onto the outer bottom corner of the large side panel (Fig. 7) until the edge of the corner seal lines up with the bracket as shown below in Fig.8. Tighten grub screw on the inside face with the 3mm allen key supplied.

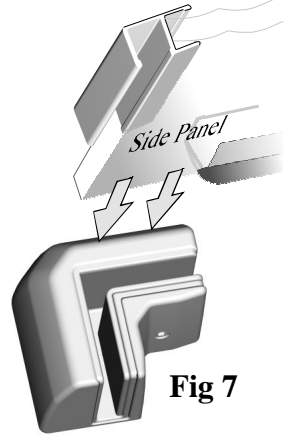


Fig 7

Corner seal must line up on bracket as shown so front glass panel can slide into the bracket and seal.

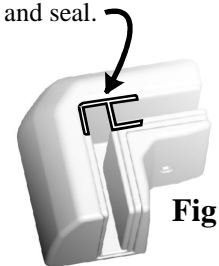


Fig 8

4.2 Insert large side panel into wall profile glass clamps (see Fig.9) with the soft seal onto the tray and the fitted corner bracket to the front. Move the panel in or out until the corner bracket is spaced equal distance from the front edge of the tray as it is from the side face of the tray. Ensure the panel is vertical then fully tighten the 3 glass clamps screws using 2.5mm allen key supplied (see Fig 32). If after adjusting for vertical, the corner bracket is not seated firmly on the tray, loosen grub screws and tap the bracket down onto the tray (caution - do not exceed 5mm adjustment on this bracket) Pack between bracket and tray if you require more adjustment.

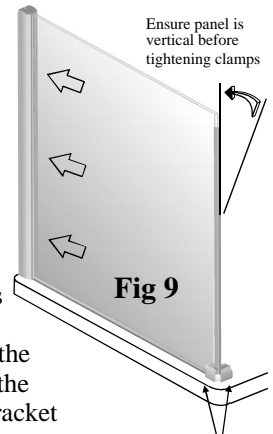


Fig 9

4.3 The gaskets already fitted to the narrow glass panels are to suit a door only application. Remove these gaskets and replace with the shorter gaskets supplied. Fit these gaskets 70mm from those edges of the panels that will be adjacent to the door. See Fig 10.

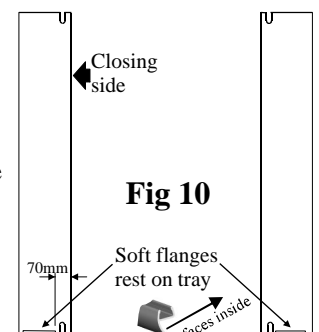


Fig 10

4.4 Insert one narrow glass panel into the corner seal and bottom corner bracket with the notches in the glass adjacent to the door opening as described in Fig.11 below and repeat for the remaining narrow glass panel on the right side corner.

NOTE: Before you insert the narrow glass panels into the corner seals, wet the sides and edges of the glass that are to be inserted into the seals with a wet cloth, this will make it easier to insert. Slide the narrow panels into the top of corner seals lining up the top edges with the top of the side panels and then push into the clear corner seals over the full height, and into the bottom corner brackets. Fit the top corner brackets and tighten the allen key grub screw on the main side panels only. Do not tighten the grub screw to the narrow glass panels you have just fitted yet.

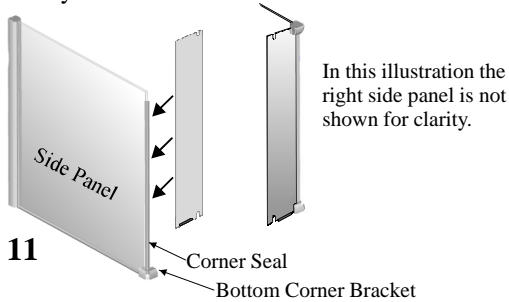


Fig 11

5 IDENTIFY HEAD AND BOTTOM RAILS, The top and bottom rails are identical. Decide which side you wish to be the hinging side of the door. The top rail will be the one with the stop on the inside that will be on the hinge side when fitted. The remaining rail will be the bottom rail and when fitted the stops will be vertically in line on the hinge side of the door.

This plastic hexagonal head is to be facing up on the top rail and down on the bottom rail

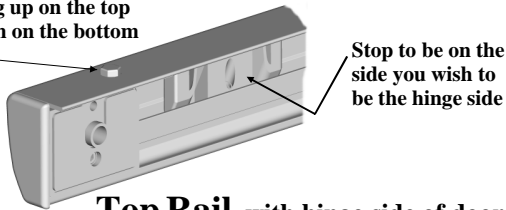
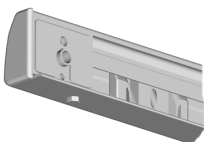


Fig. 12

Top Rail with hinge side of door on the left when viewed from inside the enclosure

Fig. 13



The remaining rail will be the bottom rail and when fitted the stops will be vertically in line on the hinge side of the door.

Bottom Rail

NOTE: To set the hinge side to the opposite side of the door, reverse the rails, top to bottom and bottom to top. If necessary the stops can be loosened and slid across after installing rails.

6 FITTING HEAD AND BOTTOM RAILS, Remove the clamp plate from the one end of the two rails. Fit the top rail. On the hinge side as shown in Fig.14 below screw fix using the plastic lug. Fix the opposite end by refitting the clamp plate inside the glass and screw fix into rail, see Fig.15

WHEN FITTING RAILS TO GLASS PANELS, ENSURE THE FLANGE OF THE RAIL IS PRESSED AGAINST THE EDGE OF THE GLASS PANEL TOP & BOTTOM

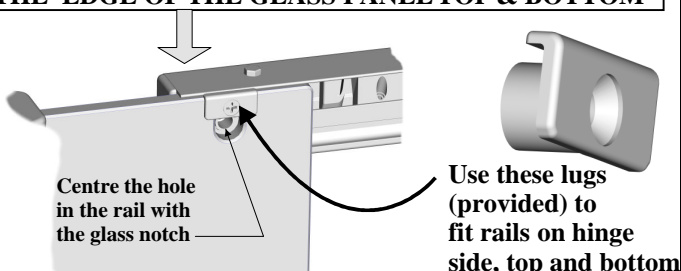


Fig. 14 TOP RAIL HINGE SIDE VIEWED FROM INSIDE

6 Cont'd....

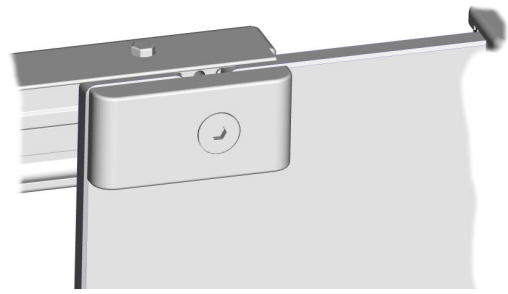


Fig. 15
TOP RAIL CLOSING SIDE VIEWED FROM INSIDE

Fix opposite end of the rails (closing side) using the clamp plates

Similarly fit the bottom rail using the lug on the hinge side and the clamp on the opposite end (closing side).

IMPORTANT:

Ensure that both fixed panels are vertical and head and bottom rails are parallel.

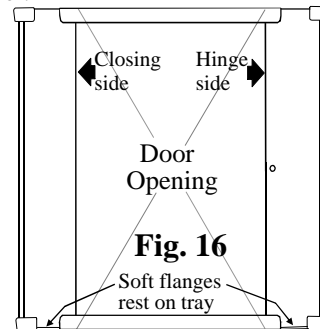
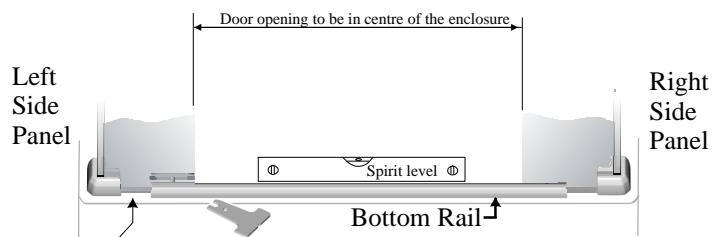


Fig. 16

Place a spirit level onto the bottom rail and check if this is level. If not, use the height adjustment screws to level the unit. See the "Guide to Adjustments" in stage 13



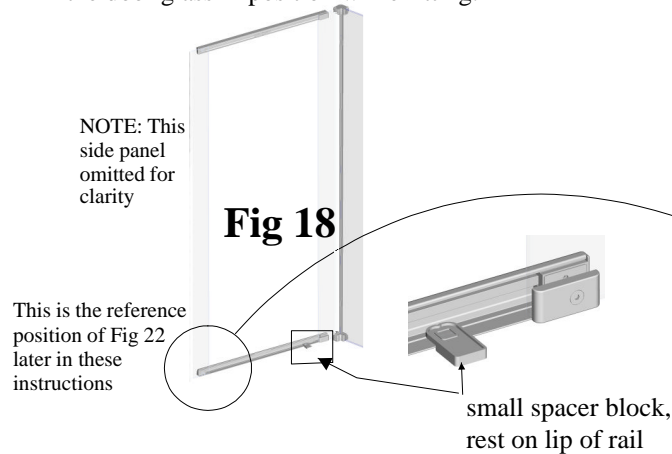
Top of Tray

Fig. 17

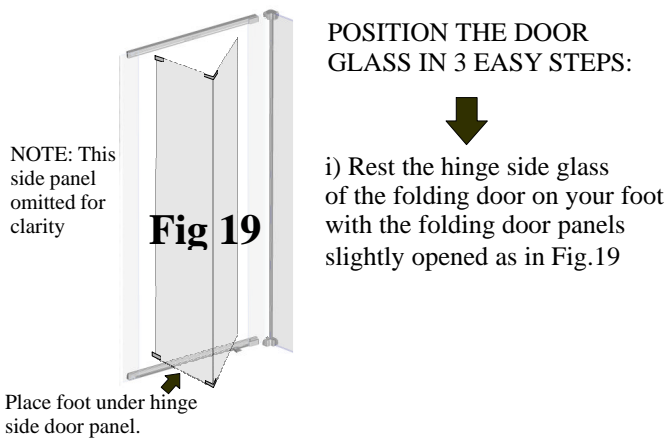
If the height adjustment creates a gap under the bottom rail, adjust "rail support screws" (see Fig. 13), downwards with this plastic spanner until they seat onto the tray and the rail is fully supported on the tray.

Before tightening the remaining grub screws in the bottom corner brackets ensure they are seated onto the tray, if not tap down then tighten. Check all clamps and brackets have been fully tightened before proceeding to fitting the door in stage 7.

7a FITTING THE DOOR, place the small spacer block so that it is resting on the bottom rail approximately in the position as shown below. This will be used to rest the door glass in position while fitting.



7b Carefully lift the folding door from the packaging and hold as shown inside the enclosure ready to offer into position.

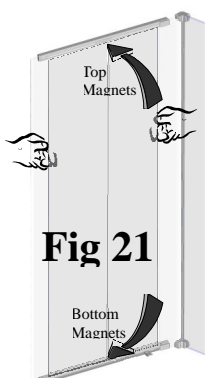


POSITION THE DOOR GLASS IN 3 EASY STEPS:

i) Rest the hinge side glass of the folding door on your foot with the folding door panels slightly opened as in Fig.19

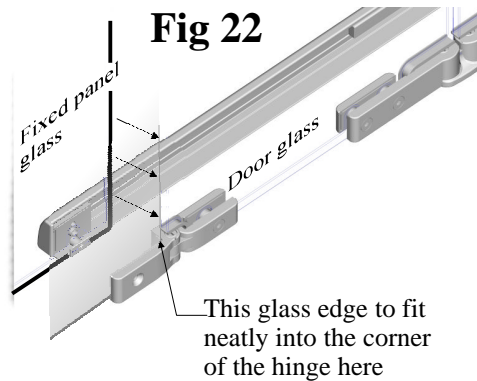


ii) Swing door glass into "flat" position and supporting glass in hands, remove foot from under glass, then offer glass into the opening between the two fixed glass panels. Rest the bottom edge of the glass on the spacer block (Fig. 20)

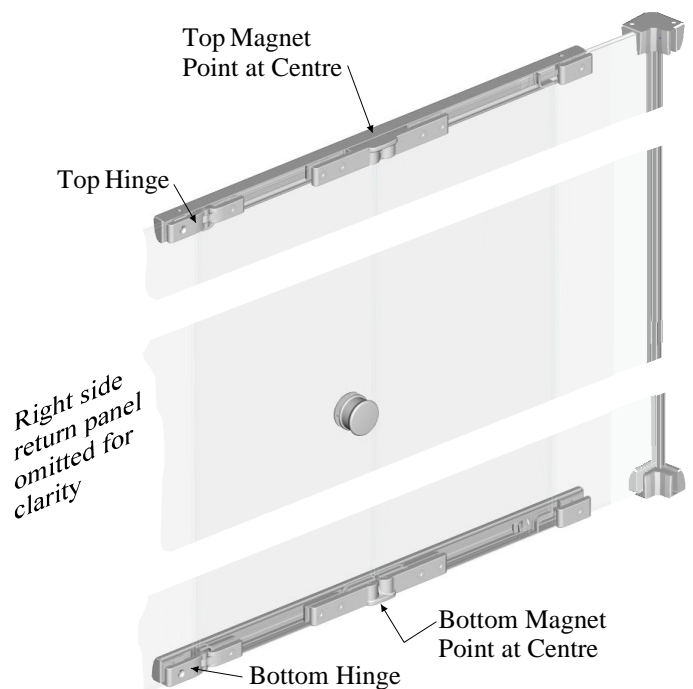


iii) Now slide the glass door into position central between the two fixed glass panels so that the central magnets top and bottom pull the door glass into the frame. You will feel the glass held in position by the magnets when correctly positioned.

7c In order to position the door correctly, begin by moving the bottom hinge so that the fixed panel glass fits snugly into the corner of the hinge bracket as indicated below.



7d With the bottom hinge held firmly in position against the fixed panel glass as above, fit the M6x30 screw into the bottom hinge and loosely tighten. Next fit the top hinge screw and tighten - if the thread does not line up, loosen the hinge on the glass and align, then re-tighten. Now ensure both hinge screws are fully tightened. Open the door and discard the spacer block.



DOOR SHOWN REDUCED IN HEIGHT TO PERMIT ENLARGED DETAILS

Fig 23
VIEWED FROM INSIDE

8a FIT THE SLIDES. Insert the top slide on the closing side of the door into the rail by tilting the slide and lowering the rectangular slide into the track of the rail.

Tilt the slide and offer it into the rail as shown.

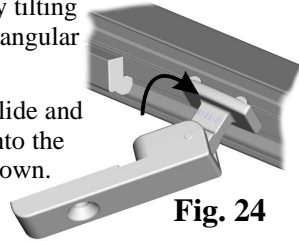


Fig. 24

8b Now push up and into the rail. Slide will run smoothly in the track when correctly fitted.

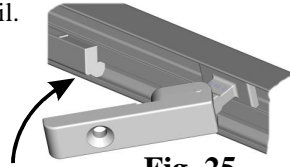


Fig. 25

8c

With the door half open, position slide over centre of cut out in glass and loosely secure with m6x16 screw, do not fully tighten at this stage.

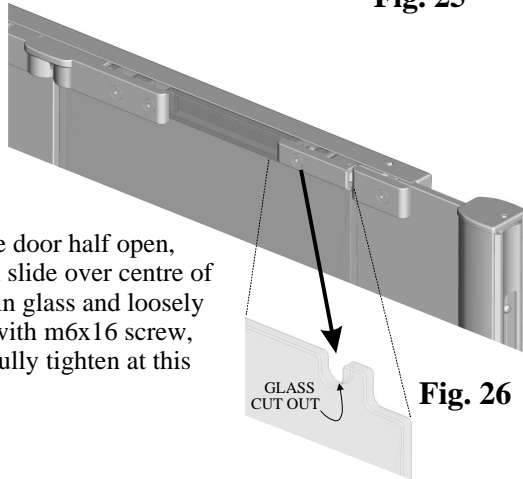
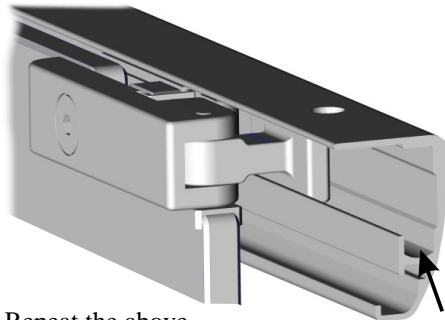


Fig. 26

8d

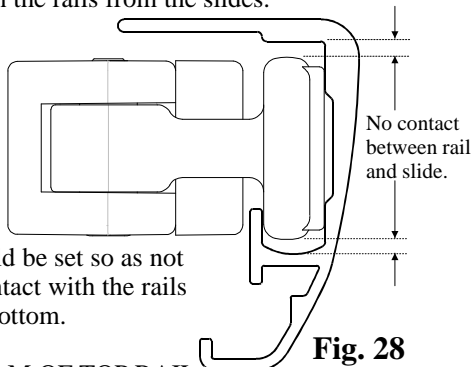


Repeat the above to fit the bottom slide.

Rail shown in section to show track for slides.

Fig. 27

9 ADJUST SLIDE ACTION, The sliding action should be smooth and running freely. If this is not the case, slacken the bottom slide then press gently downwards whilst fully re-tightening. Now repeat for the top slide, pressing upwards while fully re-tightening. This ensures there is no pressure on the rails from the slides.



Slides should be set so as not to make contact with the rails at top and bottom.

Fig. 28

DIAGRAM OF TOP RAIL AND SLIDE SHOWING CORRECT SETTING.

10 FITTING THE INSIDE WALL PROFILE COVERS Care should be used when handling these covers, before they are fitted to the wall profiles. Engage the back edge of the wall profile cover over full height of the butterfly profile and then swivel the cover around to engage over the front of the wall profile and clip into position. NOTE ensure the narrow edge fully engages the butterfly profile over the FULL HEIGHT before swivelling the wider edge onto the front of the wall profile or the cover may not engage correctly.

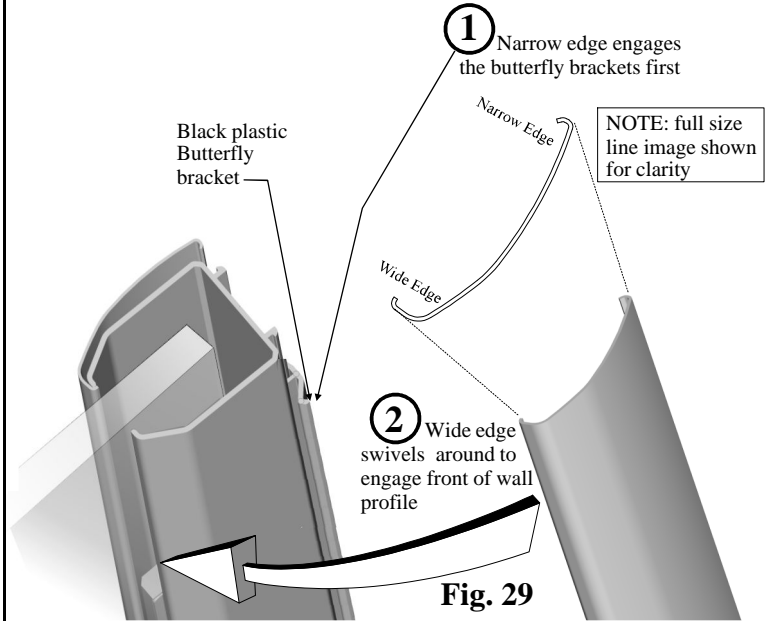


Fig. 29

11 FITTING THE GLASS PANEL SEALS. Remove the plastic protective film from the wall profile covers at this time by peeling it away. NEXT Fit the glass seals at junction of glass and wall profiles.

Fit glass edge seals to both inner and outer faces of two fixed panels at junction of wall profiles and glass

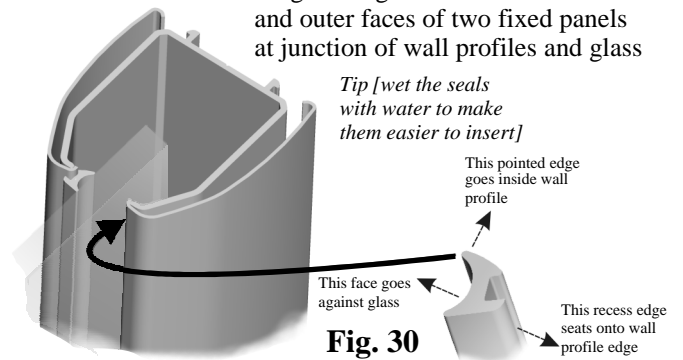


Fig. 30

12 FITTING THE DOOR SEALS. There are two longer seals and one shorter seal similar to those shown in Fig. 31 below. The longer seals fit to the fixed glass panels either side of the door. Press these over the glass ensuring they are fully seated over the entire length between the top and bottom chrome castings. Next fit the door closing seal at centre on the handle side.

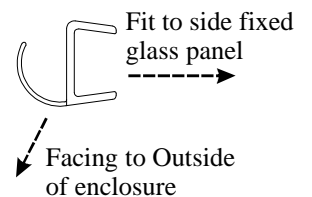
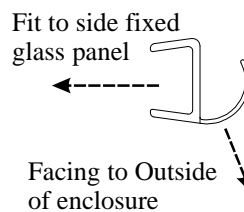
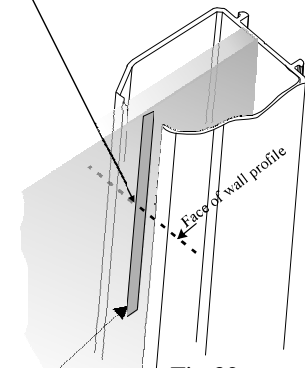


Fig. 31

13 Guide to adjustments
shown on inner face of wall profile

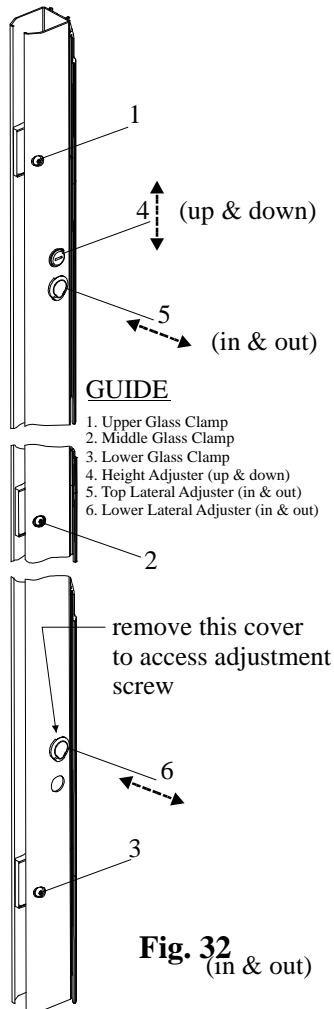
The unit is designed to enable 3 dimensional adjustment during installation without removing any part of the unit already installed. The diagram here illustrates the adjustments possible and their location.

Line must not protrude outside of wall profile



Line markings on glass at top and bottom must not protrude outside of wall profile after adjusting panels as this will result in clamps not gripping the glass fully

Fig 32a



GUIDE

1. Upper Glass Clamp
2. Middle Glass Clamp
3. Lower Glass Clamp
4. Height Adjuster (up & down)
5. Top Lateral Adjuster (in & out)
6. Lower Lateral Adjuster (in & out)

Fig. 32 (in & out)

14 REMOVE TOP HEIGHT ADJUSTERS, The hexagonal adjustment may now be removed from the top rail using the plastic spanner supplied. Discard these and plug the holes with the small plugs supplied. NEXT, Fit the top caps using the No.6x12 screws supplied.

Remove and discard

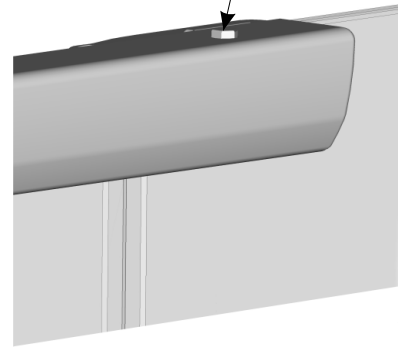
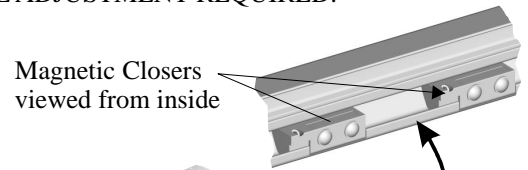


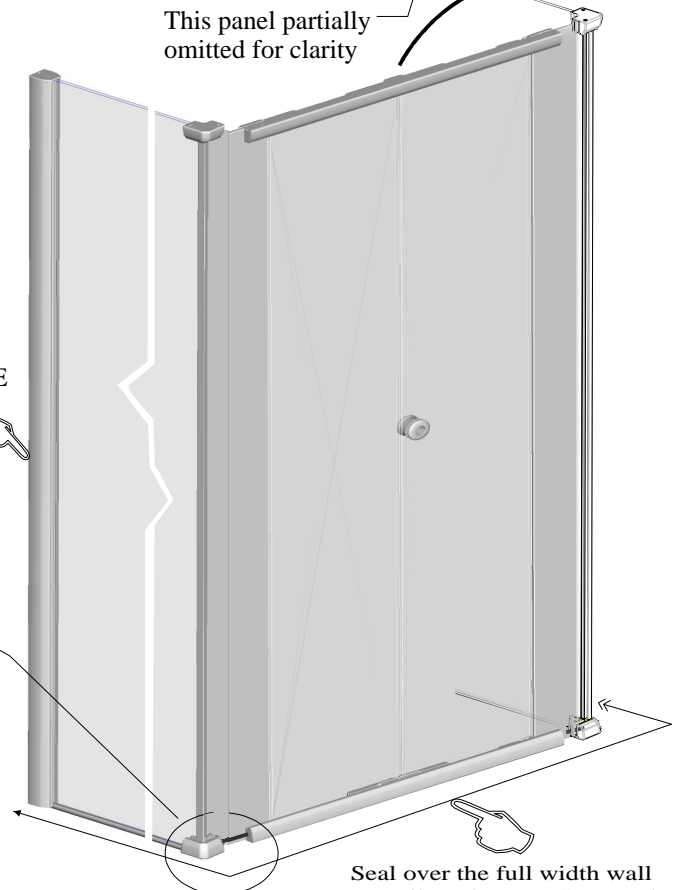
Fig. 33

CLOSING STRENGTH

IF NECESSARY YOU CAN ADJUST THE STRENGTH OF THE MAGNETIC CLOSING ACTION. TO DO THIS SIMPLY LOOSEN THE ALLEN KEYS HOLDING THE MAGNETIC CLOSERS AND SLIDE THESE OUTWARD. AS A ROUGH GUIDE MOVING THEM 9mm OFF THE PRE-SET POSITION WILL HALVE THE CLOSING STRENGTH. ONCE THE REQUIRED "FEEL" OF CLOSING ACTION IS ACHIEVED, RE-TIGHTEN THE ALLEN KEYS. THIS CAN BE DONE TOP AND BOTTOM OR JUST AT THE TOP DEPENDING ON THE ACTUAL ADJUSTMENT REQUIRED.



This panel partially omitted for clarity

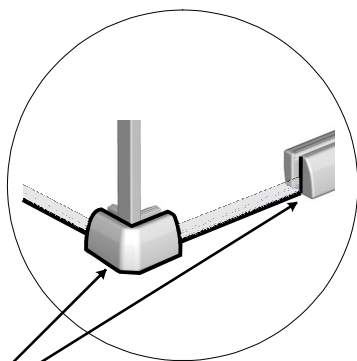


Seal over the full width wall to wall on the OUTSIDE only

Fig. 34

15 FINALLY SEAL THE ENCLOSURE, Using a clear silicone sealant apply a thin bead to all the edges as shown. To achieve a neat finish it is recommended that each joint to be sealed is masked either side with masking tape so that only a maximum of 3mm either side of the joint is exposed. The masking tape should then be removed immediately after sealing (DO NOT allow silicone to dry over masking tape).

DO NOT USE OR DISTURB THE ENCLOSURE FOR 24 HOURS AFTER SEALING TO ALLOW THE SILICONE TO DRY.



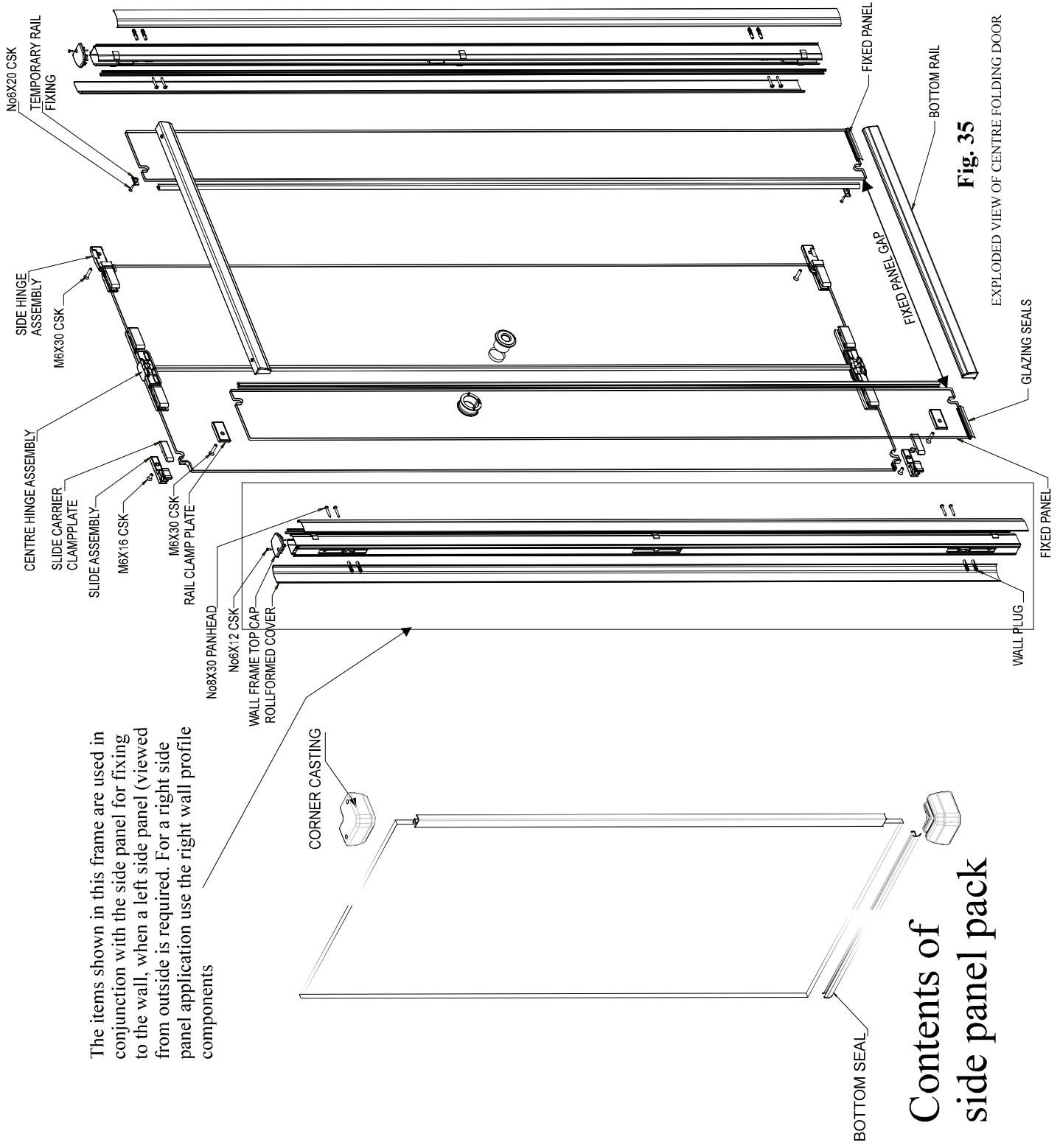
Run the sealant up vertical cut ends of all of the gaskets where they meet the frame components and up ends of bottom rail - also seal all around corner brackets against glass and tray on the OUTSIDE only

OUTSIDE

Seal to wall over full height on the OUTSIDE on both sides of unit

NOTE: Do not seal to tray on the inside of the enclosure

The items shown in this frame are used in conjunction with the side panel for fixing to the wall, when a left side panel (viewed from outside) is required. For a right side panel application use the right wall profile components



Contents of side panel pack