**Installation Instructions**

Please read these instructions before installing, as incorrect fitting will invalidate the guarantee. Carry out each stage before moving onto the next. **Do not dispose of packaging**, no claims for damaged or missing parts will be accepted if the packaging has been disposed of. If you are unsure about these instructions please contact Kudos Shower Products:

Customer Service Helpline: 01539 564040

**TOOLS REQUIRED**
- Flat-Headed Screwdriver
- Pozi-Drive Screwdriver
- Spirit Level
- Tape Measure
- Silicone Sealant
- 4mm & 3mm Allen Key (Supplied)
- Electric Drill
- 7mm Drill Bit (Masonry)
- Junior Hacksaw

**KEY STAGES**
- Fit wall posts to curved rails
- Hand unit and fit height adjusters
- Position frame on tray and level
- Mark, drill holes and fix frame
- Fit door glass and adjust
- Fit the fixed panel
- Fit gaskets to door side and bottom
- Silicone seal the enclosure

**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
- Any claims made under the terms of the Lifetime Guarantee must be reported to Kudos within 21 days of the fault occurring
- Check the enclosure adjustment sizes are suitable for your installation
- Ensure the top of shower tray is level in all directions

**CLEANING**
**GENERAL** - for the frame work and fixings use only warm soapy water and damp cloth/ sponge on a regular basis. After cleaning please rinse with clean water to remove any residue.
- Do not use abrasive scouring powders, chemicals or aerosol cleaners - these may result in damage to the surfaces, in particular, the plated component parts. See instruction below for glass cleaning advice.

Your Kudos Product is pre-treated with Life Shield on the inside surfaces only. While this makes cleaning the glass a lot easier and helps prevent the build up of harmful lime-scale and soap deposits the glass still needs to be maintained on a regular basis. We recommend the use of a detergent and aroma free glass cleaner (A 50/50 mix of Vinegar and Water works well!!). Strong detergents and abrasives can damage the coating.

**LIFESHIELD**
- **DO NOT** use abrasive cleaners or abrasive scrubbing equipment for cleaning!!
- **DO** use a squeegee to remove remaining droplets of water from glass after showering, any build up of residue can be removed easily using an appropriate cleaner and agitation from soft cleaning equipment

**THESE INSTRUCTIONS TO BE LEFT WITH THE CUSTOMER**
1) CONTENTS. Carefully remove unit parts, fixing packs, and glazing seals from packaging.

2) REMOVE CONNECTOR POSTS from both wall posts. These simply unclip from each wall post.

3) LAY THE WALL POST, that has no seals inserted, down on a protective surface (carpet or similar) in direction as shown. Lay one curved rail next to wall post as shown.

4) FIX WALL POSTS, to curved rails using No.6’s x 30mm long screws from fixing pack called “ASSEMBLY SCREW PACK”. Insert each screw through the relevant holes in the white plastic spacer blocks & into each screw port, two screws for each corner of the frame. Ensure these are fully tightened by hand to avoid stripping. Also ensure that curved rails are fitted flush with ends of each wall post.

5) HANDING OF UNIT this stage will determine which side the door will open from and which end is the bottom of the unit.

   The wall post with the seals must be on the side that you would like the door to open from. This will enable you to determine the bottom of the unit.

6) INSERT HEIGHT ADJUSTERS into the bottom of each wall post (at bottom of the unit).

7) REMOVE CLIP-IN EXTRUSIONS from wall posts on each side of the unit.

   - 7.1) Press along length of clip-in extrusion to release as shown.
   - 7.2) Ease clip-in extension out of wall post along full height.
   - 7.3) Lift clip-in extrusion out and away from rail post

8) RE-FIT CONNECTOR POSTS, to wall posts ensuring curved faces are to inside of unit.

9) POSITION UNIT ONTO TRAY, holding each side of frame, carefully position unit centrally onto tray.

10) SET FRAME LEVEL, if necessary, by turning the relevant height adjuster screw (clockwise to raise). Use spirit level across bottom of curved rail to ensure accurate levelling (if tray is not truly level it may be necessary to insert packing under mid point of rail-see Tip below). NB- turning the screw will raise that side of the unit off the tray, there is 5mm adjustment in each height adjuster.

   TIP If packing is required, select shim from strip (supplied), break off and insert under mid point of rail. The packing will be covered by sealant when frame is sealed.

11) MARK POSITION of connector posts onto walls at bottom. NB- if height adjusters were utilised, mark position of base of connector post onto wall. Carefully remove unit from tray.

12) REMOVE CONNECTOR POSTS from unit and re-position these to marks made on walls. Using spirit level to ensure posts are vertical, mark through the 3 pre-punched slotted holes in each post, be sure to mark at centre of each slotted hole.

13) DRILL HOLES in walls on six centre point marks using 7mm masonry drill (supplied) and fit wall plugs supplied, or fixings that are suited to the construction of your walls.

   FIX CONNECTOR POSTS to walls using six - No.8’s x30mm long pan head screws provided (3 in each post).

14) FIX UNIT TO CONNECTOR POSTS, ensuring that the compensating channels in wallposts fully engage into the connector posts. Fix unit to connector posts using six-No.8’s x 30mm long-panhead screws, through wall post mouldings into pre-drilled holes in connector posts (3 each side).

   Do not overtighten these screws.
15) **WALL POST ADJUSTMENT** - each wall post incorporates three nylon adjustment screws. Turning these screws in an anti-clockwise direction forces the outer wall post channel and frame away from the wall - max. 18 mm adjustment in each wall post. Adjust wall posts at bottom, middle and top screws to ensure wall posts are **vertical & straight**.

**IMPORTANT** - using a spirit level ensure frame is level, vertical and square on all sides. This will ensure top curved rail is **directly** above bottom curved rail.

**TIP** Use clip in extrusions as straight edges held against wall posts to ensure wall posts are straight and not bowed.

16) **FIX BOTTOM PIVOT PARTS** to glass door. Lay the glass on a protective surface with the outside of the curve facing upward and sides downwards. Position the pivot spindle to the inside of the curve at the bottom of the door glass. Place the pivot screw plate onto the outside of the glass over the pivot part and fix through using the M6x30mm allen screw and the 4mm allen key supplied.

**IMPORTANT** - ensure pivot parts are held square to glass at bottom edge when tightening.

17) **FIT DOOR GLASS** by **carefully** lifting glass into frame and inserting bottom pivot spindle into the pivot body on the bottom curved rail. Take care not to damage pivot body in locating spindle into hole. **Do not leave go of the glass at this time**. While holding the glass securely in place, offer the top pivot spindle into position on inside with the spindle pushed into the top pivot body on the curved top rail. **Still holding the glass** offer the top pivot screw plate into position on the outside glass face and fix as for the bottom pivot parts. **You may now release hold of the glass**.

**TIP** Stand on outside of unit when fitting glass as pivot screw plates fix from outside. Place components on top of frame to access these when required.

18) **ADJUST THE DOOR GLASS** by closing the door **carefully** against the wall post. The gap between the wall post and the glass must be even from top to bottom and the glass should just clear the plastic parts set into the wall posts.

Glass should just clear the plastic parts as shown at the top, centre and bottom and have an even gap top to bottom.

19) **FIT THE HANDLE**:

1) Position Handle over hole in glass nearest to the Panel side. Fit screw plate from inside.

2) Screw fix with M6x30mm using 4mm Allen key (supplied) Do not fully tighten yet.

3) Offer handle into hole in door glass on closing side with small inside handle. **ENSURE THREAD IS IN CENTRE OF GLASS HOLE**.

4) Screw small inside handle into larger outer handle. Screw until hand tight and inner handle is horizontal. **DO NOT OVER TIGHTEN**

20) **RE-FIT CLIP IN EXTRUSIONS**, to the wall posts each side ensuring the leading edge is properly located along the full height before pressing it into the wall post - **it will not engage properly if twisted**.

21) **CHECK CLOSING ACTION AND SEAL OF DOOR**

If the glass does not touch the seal evenly over the full height when closed, it is possible the curved glass is slightly twisted. This is normal and within the glass manufacturers standard tolerances for curved glass. To compensate for this it is necessary to re-adjust the frame. This requires that you remove the clip in extrusions from both sides (see stage 7). There are 3 access holes in the wall posts through which you can reach the wall fixing screws (see overleaf...).
**21) continued... ADJUSTING DOOR SEAL ACTION**

If the glass does not touch the seal at the TOP: release the top wall fixing screw on the opening side and adjust the frame outwards. For further adjustment, release the bottom wall fixing screw on the pivot side and adjust the frame outwards. Re-tighten screws and re-assemble unit. See screw positions ‘A’.

Re-Fit clip-in extrusions (see item 7)

**22) FIT THE FIXED PANEL**, by first inserting the lip of the rigid gasket on the edge of the glass into the groove in the clip in extrusion. Next, swivel the glass into position. Fit the patches using the M5x12mm allen head machine screws provided with the 3mm allen key (supplied).

**23) Clip on seal to edge of door glass on fixed panel side of door.**

Ensure the top of the seal is flush with the top of the door glass. Press the seal onto the upper end of the glass as shown and progressively push seal firmly onto the door glass down the entire height of the glass.

**24) TEST CLOSING ACTION OF DOOR:**

The door should close smoothly with a soft sweeping action over the seal at the closing edge of the door.

**IF CLOSING ACTION IS TOO LOOSE:**
Loosen pivot screws (refer to stage 17) by half a turn and slide glass toward closing side. Re-tighten and test. If still too loose, remove clip-in extrusions (refer to stage 7) and adjust centre adjustment screw outwards (clockwise) by 1 to 2 turns to bring frame closer to the glass at mid height of door.

**IF CLOSING ACTION IS TOO TIGHT:**
Loosen pivot screws (refer to stage 17) and adjust glass away from frame on closing side. Make sure the door is closing evenly along the height - if not refer to stage 17) again.

**25) FIT TOP CAPS**

1. Fit wall post cap push fit.
2. Fit channel cap push fit.
3. Fit top cap screw fix No.4x10mm screws.

**26) FIT BOTTOM DRIP SEAL**

This needs to be measured and cut to size. First measure from closing edge of glass to side of pivot component. Then cut a length equal to this from the seal supplied. Slide the seal onto bottom edge of glass ensuring this is pushed firmly all the way onto the glass. Next measure short length from inside edge of vertical seal, on pivot side of glass to side of pivot component and repeat as above.

**27) TEST SEAL ACTION WHEN OPENING DOOR:**

Open and close the door and check to ensure seal action is a smooth sweeping action on frame. If the seal catches or snags check the seal is fully pushed onto the glass edge. It may be necessary to insert some additional packing under the frame at the pivot point - see point 10). Using the seal strip supplied, pack as above until the seal runs over the bottom rail of the frame with a smooth sweeping action. Ensure seal applies even light pressure along its entire length.

**28) FIT PIVOT COVER CAPS**

Slide pivot cover caps over inside and outside faces of the pivot parts. The caps will ‘snap’ into position when fully home and will not slide off.

**29) SILICONE SEAL UNIT**, to walls and tray.

Silicone seal wallposts to wall on inside & outside joints as shown

**OUTSIDE AND INSIDE**

Silicone seal frame to tray and joints as shown

**OUTSIDE ONLY**

**SEAL THIS JOINT ON BOTH SIDES (BOTTOM ONLY)**

**IMPORTANT**

Do not silicone seal on the inside of unit (except where shown). Sealing the wallposts & rails to the tray on the inside can result in leakage problems-please note that, in use, water can penetrate into the frame extrusions-*this has no detrimental effect to the product*-however, this water must be allowed to drain out of the extrusions to the inside.

Allow 24 hours for the silicone to cure before using the shower.