

**If you have any questions regarding these instructions or the installation of this shower, please phone us Henry Brooks & Co Ltd (09) 913 3110 during business hours or contact your supplier.**

### Recommended Timber Framing

- Suggested as fixing for installation of tapware.  
This will likely be different for your specific situation.
- Required for shower frame and fixing of wall-board above the shower tray.

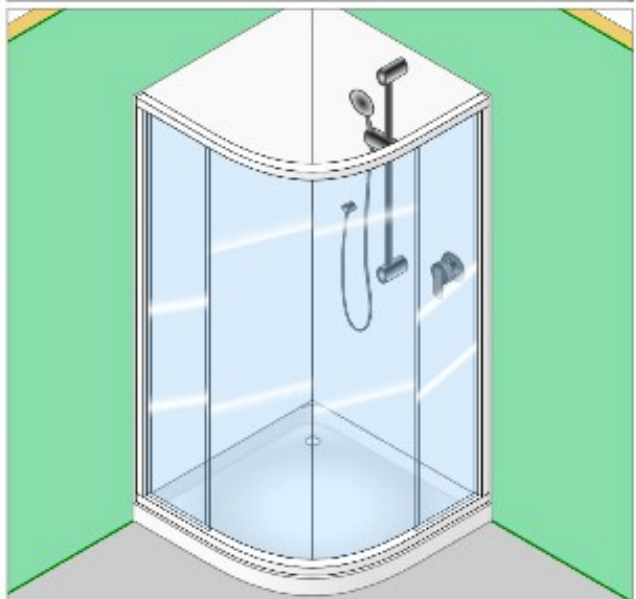
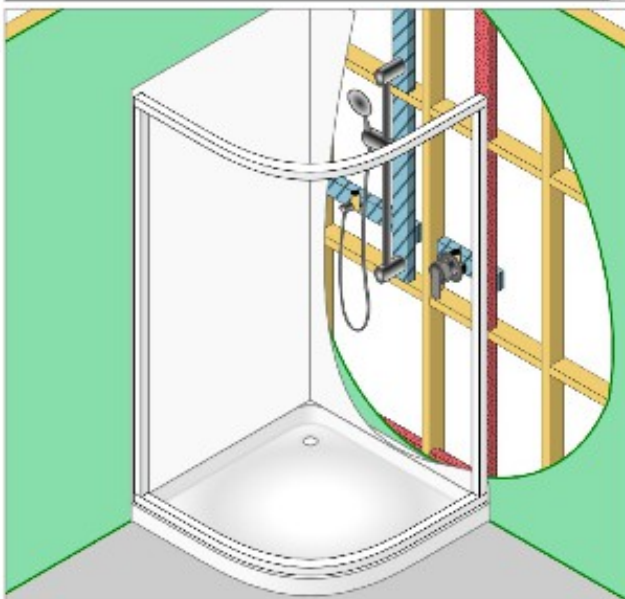
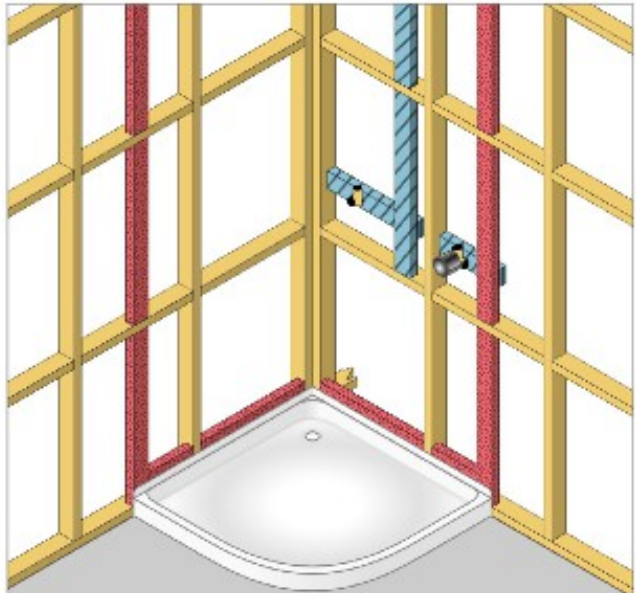
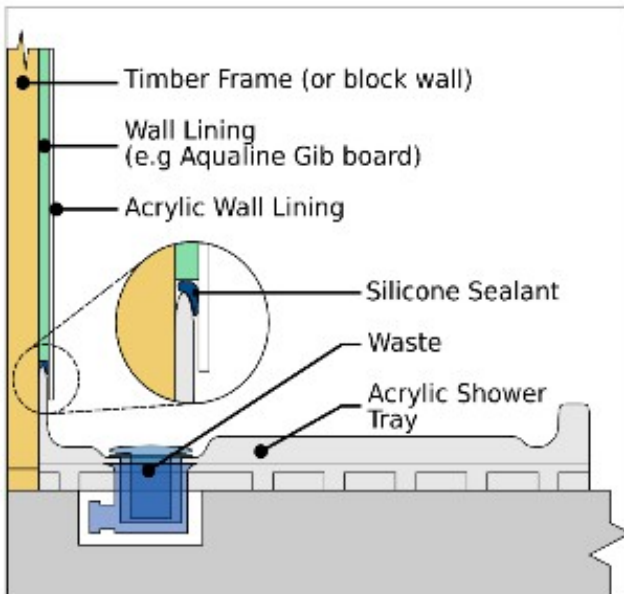
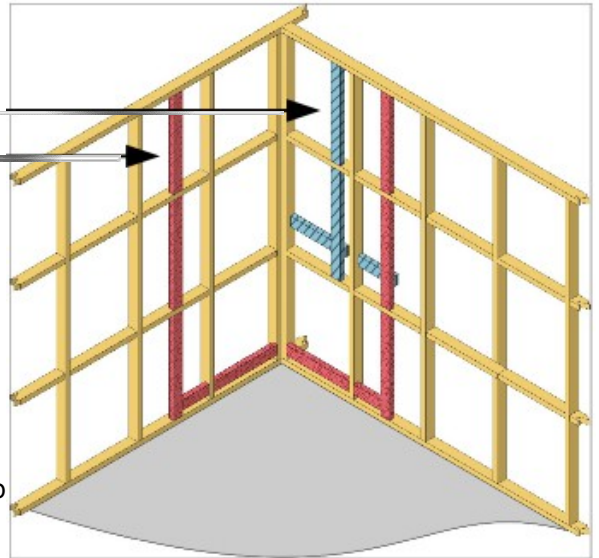
The Shower Tray is fitted **against the bottom plate** of the timber frame (or equivalent if block wall).

The Wall-lining (e.g Aqualine Gib board) is fixed to the wall above the tray.

Don't forget to **mark the position of timber fixings**, as well as any plumbing / electrical components and wires that may be present in the wall cavity.

This should result in a finish where the Wall-lining is flush with the top lip of the Tray.

This allows the Acrylic liner to be glued onto the Wall-lining, running down into the tray and allow for a silicone seal between the Acrylic liner and the lip of the Tray.



## BEFORE YOU START:

Please inspect the shower while still in its carton, for any transport or handling damage, and report any damage to your supplier before unpacking the shower from the carton.

The installation of the shower tray and acrylic liner are covered in the other brochures in this pack.

## TOOLS REQUIRED FOR INSTALLATION:

- Spirit level
- Tape measure
- A Philips and a Flat-head screw driver
- Pencil
- Carpenter's hammer with a soft/rubber-gripped handle
- Caulking gun
- 8 inch crescent
- Electric or battery powered drill and Drill bits
- Water and dishwash detergent for Silicone cleanup.

*We assume that the tray and acrylic liner have been installed correctly and are all square, level and positioned in the correct place. Failure to have a square and level tray will affect the correct installation of the liner and frame, and affect the operation of the finished product.*

## A) ASSEMBLY OF SHOWER FRAME

A1. Place cardboard inside the shower on the shower tray to protect the tray when you are installing the shower frame and doors.

A2. Peel back the protective film covering from the shower tray and the acrylic liner, just enough to expose the surfaces that the shower frame will sit on or attach to. (Figs 1 & 2)

A3. Clear a work area on the floor close to where the shower is to be installed, where you can assemble the frame prior to fitting it on the tray and attaching it to the wall.

A4. Each of the two vertical wall channels are made up of two pieces, and need to be separated, by unscrewing the plastic screws until they part. Take care not to damage the screws or threads. (Fig 3)



A5. Unpack the top and bottom curved rail frames and identify which is the top and bottom. The top rail usually has the Henry Brooks logo on it. The wheel stops on the top and bottom rails are also shaped differently. (Fig 4) Also when the bottom rail is sitting in its correct position, the internal bottom face is flat, allowing the water to freely run off.

A6. **Attach the bottom curved rail to the vertical wall channels.**

The bottom rail has two 4x35mm screws, and the top rail has three 4x35mm screws. These screws are all in place in the end of the rails when they are unpacked. Remove the screws and use them to attach the wall channels. (Fig 5) Each of the two screws at the bottom rail must have a wedge shaped guide fitted over them before fitting, (wedges will be found in the screw pack provided) also two wedges for the top rail as well. the wedges help make the frame rigid and must not be left out. (Figs 6 & 7)





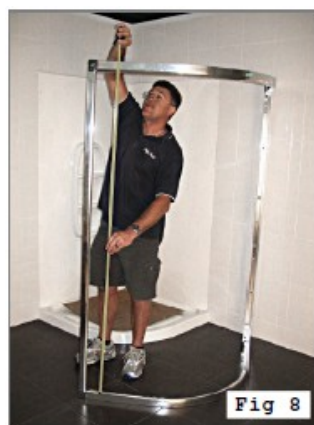
**A7. Fit the top rail to the vertical wall channel.**

Ensure you use the wedge guides with the screws. Before tightening the screws fixing the top rail in place, measure and make sure the two curved rails are parallel to each other at the outer most part of the curve and at the wall channel. **(Figs 8 & 9)**

**A8. The two piece wall channels have to be rejoined using the plastic screws.**

Once you have all three screws engaged with the opposite threads, turn the screws to draw the two profile pieces together. **(Figs 10 & 11)**

Make sure the two profiles do not get caught up or stuck as they are drawn together.



Try to draw them together to the point where one side nearly disappears into the other, **(Fig 12)** without putting too much pressure on the plastic screw, as you may strip the thread if you over-tighten.



**B) FITTING SHOWER FRAME TO TRAY AND WALL LINER**

**B1. On the outside edge of the tray next to the wall measure 8 to 10 mm in from the edge and mark with a pencil, repeat on other side. **(Fig 13)****

This will indicate where the outside edge of the shower frame should sit when it is put into position on the tray. This will make sealing the frame with silicone sealant easier.



**B2. Lift the assembled frame onto the tray, **(Fig 14)** double checking the protective film has been peeled back from the tray and wall liner where the frame will be attached to the tray and liner, as per step A2.**

Centralize the frame on to the curved shape of the tray and up to the pencil marks previously applied in step B1.



**B3. With the bottom curved rail up against the pencil line, use a spirit level on the wall channel to ensure that it is plumb over its length where it attaches to the wall liner. **(Fig 15)****

Once you are happy with the fit of the frame on the tray and against the wall liner, drill pilot holes for the fixing screws using a 3mm drill bit. **(Fig 16)**

**Drill through the holes in the frame at the bottom, and top hole on the wall channel, and into the wall lining and timber behind the liner, ensuring the frame remains plumb and level.**

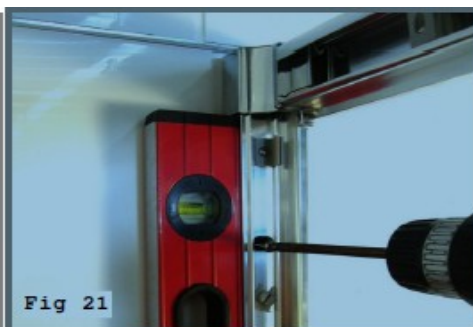
Once you are happy with that repeat the operation on the other side of the shower.



- B4. **Remove the frame from the tray** and clean up any of the swarf left from drilling and dust etc.
- B5. **Apply a bead of silicone** (supplied in glue pack), only to the area where the tray and wall liner meet, where the wall channel sits on each side of the tray. (**Figs 17 & 18**) Ensure that you put enough silicon in to fill the gap between the tray and the liner
- B6. Apply a fine bead of silicone to the **back face of each of the wall channels**. (**Fig 19**)



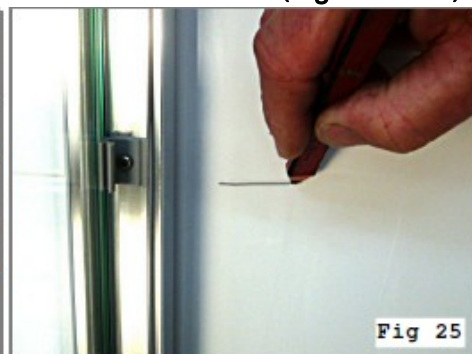
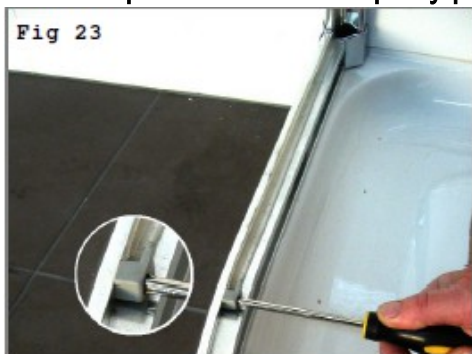
- B7. **Lift the door frame back onto the tray** into the same position previously established in step **B3**, again making sure it is level and plumb.  
Using the **4x35mm** screws provided fix the wall channel to the wall liner at the bottom and top hole on both wall channels that was previously drilled in steps B2 and B3. (**Figs 20 & 21**) Double check again that the frame is plumb.
- B8. Drill a 3mm hole through the two middle holes provided in each of the wall channels into the wall liner and timber framing behind the liner, and fix with the 4x35mm screws provided.  
**PLEASE NOTE:** Clean off any excess silicone sealant that may have appeared after fitting the shower frame using soapy water (e.g. dishwash detergent)
- B9. We have mentioned in steps **A4 and A8** the **plastic screws** that hold the two piece wall channels together. (**Fig 22**)  
The other important duty they perform, is to **provide adjustment** if the wall is not a true 90 degrees to the tray. With the 3 screws on each of the channels it allows you to adjust up to 15mm of discrepancy in the trueness of the wall.



### C) FITTING OF GLASS SIDE SCREENS AND SLIDING GLASS DOORS

- C1. Unscrew the small grey brackets / clips from each side of the top and bottom rails. (**Fig 23**)
- C2. Unpack the two flat glass panels (fixed side screens).  
Choose which one goes where, so that the safety glass markings are not upside down and can be read from outside the shower when the side screen is in place.
- C3. Down the front section of the wall channel, where the 3 plastic adjusting screws are, you will find **8 plastic clips** attached.

Mark the position of these clips by putting a pencil mark on the wall liner in line with each one. (**Figs 24 & 25**)





**C4. Fit the glass side screens in place.**

The angle between the wall liner and the top and bottom rail is approximately 90 degrees, so when you are offering up the side screen to the wall channel, set it at **45 degrees**. (Figs 26 & 27)

Tuck the edge of the glass under the **8 plastic clips**, down the length of the wall channel, just enough so that it will stay there as you bring the glass around to sit on the bottom rail and under the top rail. (Fig 28)

Make sure **all clear rubber seals (gaskets)** are not crumpled or distorted. Fix the glass in to place on the frame with top and bottom **grey brackets / clips**. (Fig 29)



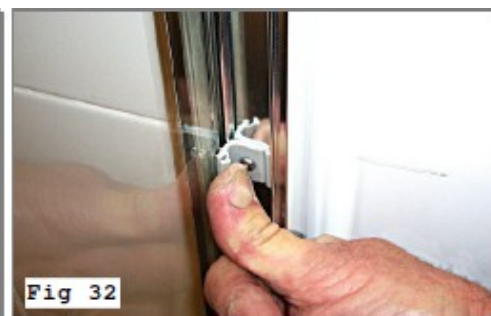
C5. Check that everything is still true and level, adjust with the **plastic adjusting screws** if necessary

C6. Locate the **cover strip** that is used to cover the clips and adjusting screws on the front section of the wall channels and helps keep tension on the glass side screens.

C7. Present the cover strip up to the glass where it meets the wall channel, ensure the gasket attached to the strip is on the glass not the wall channel. Hold the bottom of the strip in place with your foot and the top with your hand. (Fig 30)

Using a carpenter's hammer with the head in your hands and the rubber handle resting on the glass facing the cover strip, slide the hammer handle along the glass and give the strip a good whack in line with the pencil mark on the liner which shows where each clip is. (Fig 31)

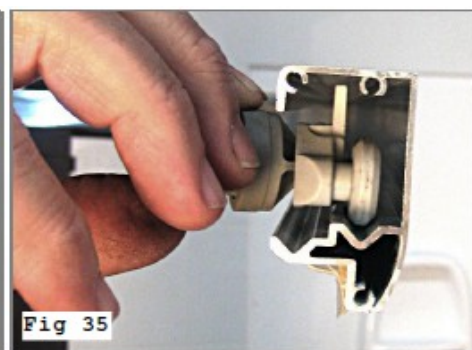
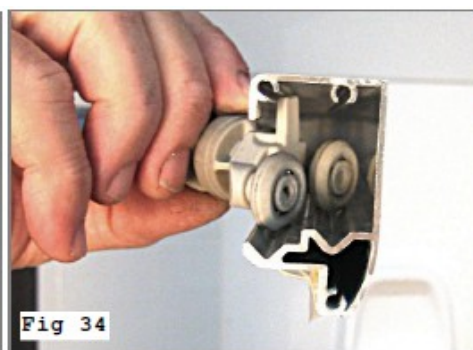
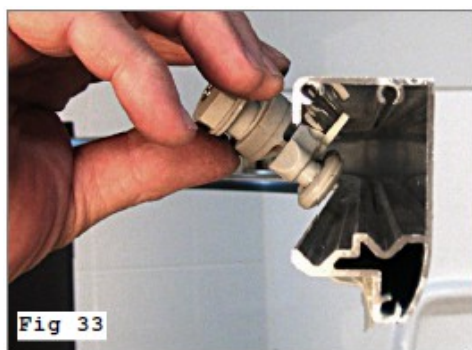
There should be a loud click if the clip is working and locks the strip in. If it is difficult, then try flexing the clips towards the glass (Fig 32). This helps to make the clips more flexible, and try again.



**FITTING OF DOORS**

C8. Offer the wheel assembly up to the top rail from inside the shower. Make sure the small upstand tag on top of the assembly goes into the top of the gap first, (Fig 33) and with a twisting motion get each one of the wheels on the assembly to sit in the furthestmost channel and run freely. (Fig 34 & 35)

Two wheel assemblies on each side between the stops inside the top rail.





C9. At this stage you can **fit the bottom guides, and handles to the curved doors**, or you can wait until the doors have been hung on the top rail and then fit them.

**Bottom guides** need to be tightened firmly in place, but still be able to be turned by hand to allow the bottom of the door to be released from the frame for easy cleaning of the shower.

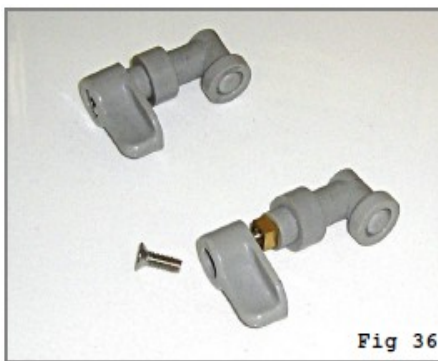


Fig 36

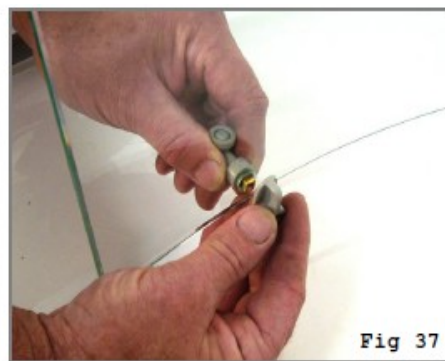


Fig 37

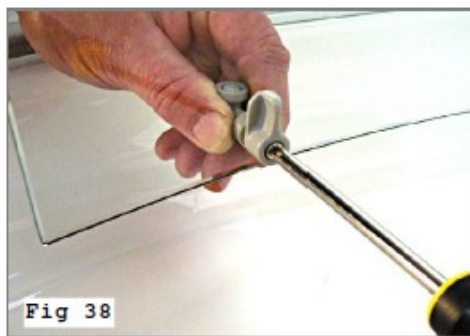


Fig 38

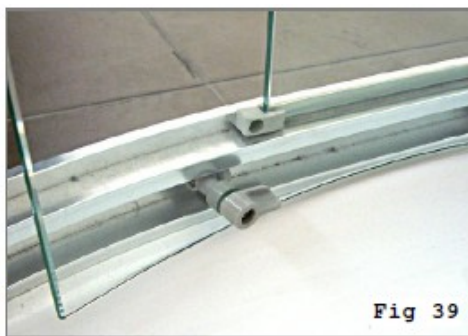


Fig 39

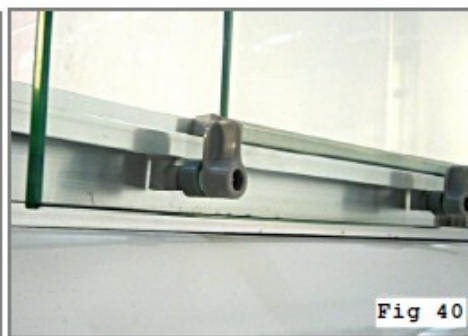


Fig 40

C10. When fitting the **handles** to the glass doors, ensure that the **plastic washers** are fitted either side of the screw hole in the glass door, to stop the metal thread of the screw from contacting directly with the glass.



Fig 41



Fig 42

## ATTACHING THE WHEEL ASSEMBLIES

C11. Remove the **large plastic hex nut** from the **wheel assembly** by undoing the stainless steel screw in the centre of the nut. Once the hex is removed you will see a **short shaft**, which is an offset cam on each of the assemblies. (Fig 43)



Fig 43



Fig 44

**Turn the cam** to set it at its lowest position.

This shaft is what goes through the holes at the top of each glass door (two holes per door). The cam is used to **adjust the height**

and ensure the doors meet parallel in the middle to enable the magnetic seals to meet correctly. Offer the door up to the wheel assembly and fit the short shaft through the corresponding hole in the door. (Fig 44)

We recommend doing one hole at a time, as it is easier than trying to do both at once, and using your foot take the weight of the door to make operation easier.



Fig 45



Fig 46



Fig 47



**C12.** When you have the shaft through the hole in the glass door you need to **fit the large hex nut back over the shaft. (Fig 45 & 46 previous page)**

**Secure with the stainless steel screw** and tighten, but **do not overtighten. (Fig 47 previous page)**

Repeat process until you have all four wheel assemblies attached to the two glass curved doors.

**C13.** Once the doors have been fitted correctly and the bottom guides have been turned to engage the guide roller into the bottom rail and the doors slide freely, you may need to **adjust the alignment** of the doors.

Start by loosening the stainless steel screw in the centre of the hex nut that is on the wheel assemblies, **(Fig 48)** and **using a spanner, turn the hex nut. (Fig 49)**

This allows you to lift or lower the door.

What you need to achieve is where the doors meet, they don't quite touch, but the gap between them needs to be parallel, or very close to it. Each time you make an adjustment with the hex nut, you must tighten up the stainless steel screw to check the alignment of the doors.



**C14.** When everything is correct and you have tightened the screws on the hex nut, you need to fit the **plastic chrome covers** over the hex nuts. **(Fig 50)**

Fit them over the nut, and using reasonable force, press them on to clip over the nut. **(Fig 51)**



**C15.** Attach the correct **gaskets** to the trailing edge of the doors and the leading edge of the glass side screens. **(Figs 52 & 53)**

All the gaskets are a "push fit" and the ones for the trailing edge of the door can be **recognized by the cutout at the top and bottom** of the gasket.

**C16.** Attach the **magnetic strips** to the leading edges of the two doors. **(Figs 54 & 55)**

Ensure the magnets attract each other when they are fitted and if your alignment is correct the magnetic strips will meet and provide a watertight seal.

If they don't you need to go through step **C13** again to realign the doors.



**C17.** Check the operation of the sliding door panels to ensure everything runs smoothly & freely

**We recommend you thoroughly clean your hands, and all surfaces of the shower, ready for sealing with silicone sealant.**

## D) SEALANT

Before sealing make sure everything is true and plumb and the doors operate correctly, and the surfaces to be sealed are clean and dust free.

**DO NOT place any silicone on the inside of the shower frame.** Sealing the inside of the frame will trap water in the frame preventing it to drain into the tray.

Sealing inside the frame will cause the silicone to go mouldy and may cause the shower to leak.

To smooth off an applied bead of silicone, first spray with some soapy water (washing detergent and water) and use an appropriate tool (e.g iceblock stick) to give a smooth and even finish.

- D1. Using the **silicone sealant** provided, apply a medium and constant bead of silicone in the join **between the tray and the bottom rail.**

Start at the wall end of the curve, and continue all the way round the curve to the wall on the other side of the shower. (Fig 56 & 57)



- D2. Next run a fine bead of silicone up or down the **outside edge of the wall channel** where it joins the wall liner. (Fig 58)

Also run a fine bead of silicone around the edges of the rail end cap where it fits over the bottom rail. (Figs 59 & 60)



Leave silicone for a minimum of 12 hours to cure

## COMPLETED SHOWER

### TO THE OWNER:

Please retain these instructions for future reference  
If you have any questions regarding installation or maintenance of any of our products, please contact

**Henry Brooks & Co Ltd**

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