



WET ROOMS MADE EASY

SHOWER SCREEN INSTALLATION GUIDE



IMPORTANT INFORMATION

Please read these instructions carefully before starting installation and keep for future reference. Remove all packaging and check that all parts are present and there is no damage. When drilling or fixing into walls or floors it is essential that you check for pipes or wires before commencing.

Certain spare parts and additional components are available if necessary and these can be obtained by calling the help line number at the end of the instructions.

When you are ready to start, make sure that you have the right tools to hand and that the installation area is clean and dry.

Save this manual for future reference.

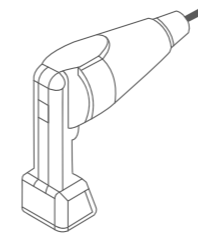
BEFORE YOU START

We recommend that you sketch out your design, list the items required and ensure that you have the components to hand prior to installation. Generally you will require one (or more dependent on your design) Orbry Glass Panel(s), a method of fixing the Glass Panel to wall and floor, i.e. Wall and Floor Glass Channels, and a Support Bar to give added support to the Orbry Glass Panel.

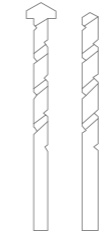
The Orbry Glass Shower Screen is a great addition to an Orbry Wet Room Shower Tray, however it may also be used with other level access shower trays.

Orbry Shower Screens can be installed in a great many configurations and we can only offer guidance as to best practice for fitting the various components. Therefore, we will illustrate a number of examples to use as a guide for fitting.

TOOLS & PARTS REQUIRED



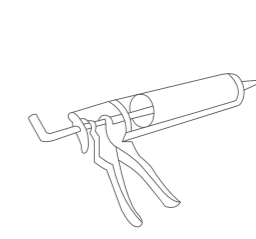
Electric Drill



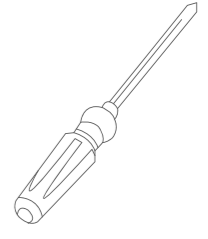
Drill Bits



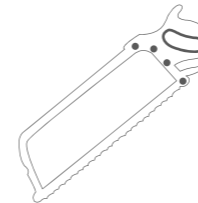
Pencil



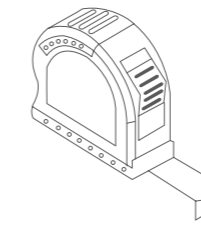
Clear Silicone & Sealant Gun



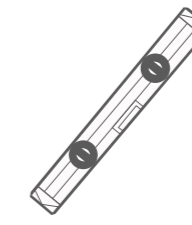
Screwdriver



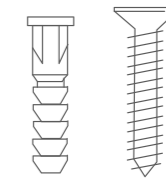
Hacksaw



Tape Measure



Spirit Level



Screw Fixings & Wall Plugs (For channel installation)

SAFETY REQUIREMENTS

This is a glass product, therefore gloves and safety goggles should be worn during installation. We recommend that fitting is carried out by two people.



Two person installation



Gloves



Safety Goggles

EXAMPLE A: STANDARD SCREEN

Orbry Glass Panel, Channel & Support Arm

Before fixing the wall and floor channels into place, take account of the support bar you will be using. The standard Telescopic Wall Bar is adjustable, however the Designer Support Bar is a fixed length - meaning the channels need to be placed at the equivalent distance from the adjacent wall. If using the Designer Corner Bar, the wall and floor channels can be placed at any distance from the adjacent wall.

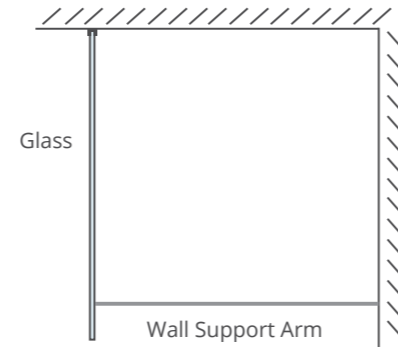


Fig. 1: Mark through the pre-drilled holes with a pencil (wall)



Fig. 2: Mark through the pre-drilled holes with a pencil (floor)

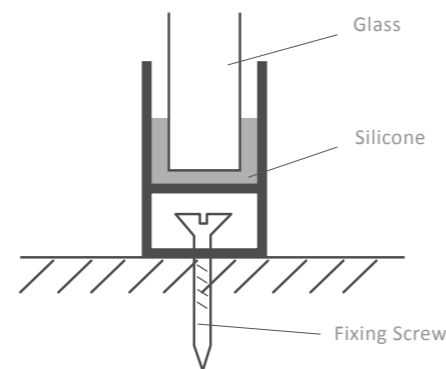


Fig. 3: Remove the channel then drill through the marked positions

STEP 1: FIXING WALL & FLOOR CHANNELS FOR SURFACE CHANNELS

Measure the width of the glass panel and cut the floor channel to size using a hacksaw. Place the wall and floor channels into position and mark through the pre-drilled holes with a pencil (see Figs. 1 & 2). Remove the channels to one side, then drill a hole at the marked positions using a 5.5mm drill bit and inset a red rawplug into each hole (see Fig. 3). Further holes can be drilled into the channel (and floor below) as necessary. Secure the surface floor channel into place with fixing screws. (see Diagram A)

Diagram A: Surface Channel Detail

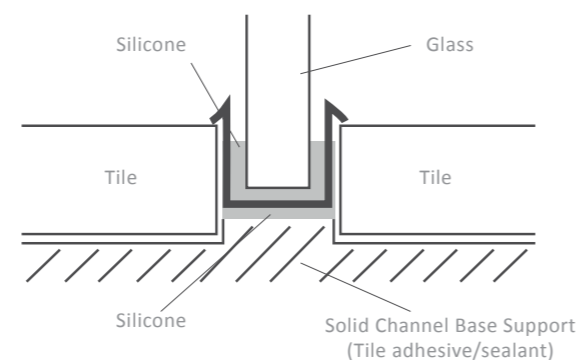


Size of channel: 14mm wide x 20mm high

FOR RECESSED CHANNELS

Measure the width of the glass panel and cut the floor channel to size using a hacksaw. Allow a gap of approximately 14mm whilst tiling for the Recessed Channel to sit within. **Important:** Ensure that the underside of the Channel is properly supported (see Diagram B). Run a bead of Silicone Sealant within the gap between the tiles then securely fix the Channel into place. Allow adequate time for the Silicone Sealant to cure before installing the glass.

Diagram B: Recessed Channel Detail



Minimum depth required for channel: 10mm

Items Required: Glass Panel, Glass Channel (Surface or Recessed), Support Arm



Fig. 4: Apply a bead of silicone sealant within the channels

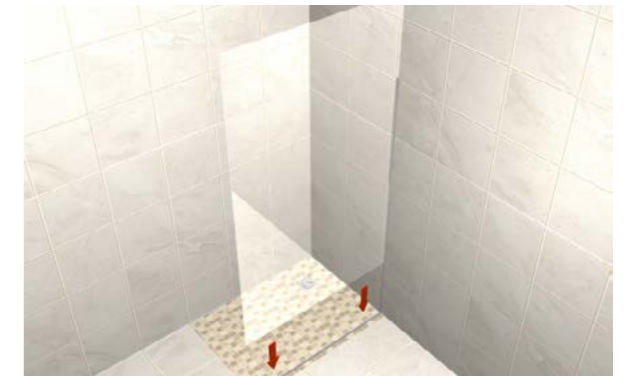


Fig. 5: Install the glass panel within the wall & floor channels

STEP 2: INSTALLING THE GLASS

Apply a bead of silicone sealant within the channel, then carefully install the glass panel within the wall and floor channels (see Figs. 4 & 5).

STEP 3: INSTALLING THE SUPPORT BAR

A number of horizontal support bars are available in the Orbry range (see Fig. 6). Calculate the approximate distance from the top of the glass panel to an adjacent wall. The support bars consist of a wall bracket, glass bracket and hollow steel bridging bar. Loosen the glass bracket using an allen key and place 50-75mm in from the edge of the glass panel. Loosely connect the chrome bar and wall fixing and ensure that the support is level. Next, mark the position where the wall fixing reaches the wall. Remove the chrome bar, then using the pencil marks as a guide, reposition the wall fixing and mark through the holes with a pencil. Drill the holes with a 7mm drill bit then insert a rawplug into each hole. Fix the wall fixing into place with screws. Connect the remaining support bar assembly then hand-tighten the fixings using an allen key.



Fig. 6: The Orbry Telescopic Wall Bar

STEP 4: RELAX

Allow 24 hours before using the shower area.

EXAMPLE B: L SHAPED

Consisting of: 2 Glass Panels, Floor/Wall Channel, Connecting Channel & Support Arm

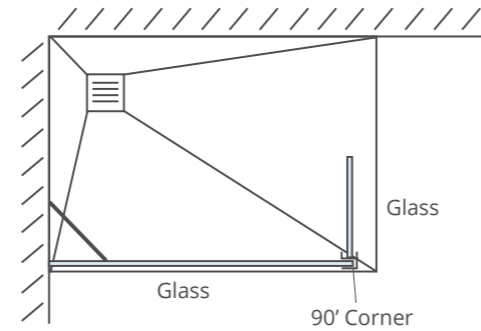


Fig. 1: Mark through the pre-drilled holes with a pencil (wall)



Fig. 2: Mark through the pre-drilled holes with a pencil (floor)

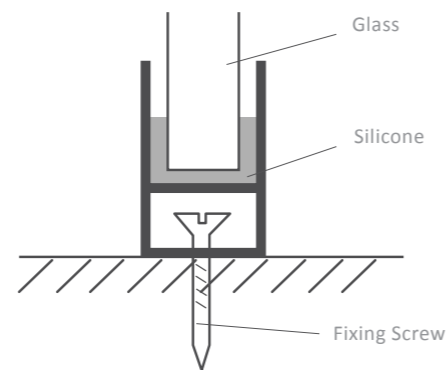


Fig. 3: Remove the channel then drill through the marked positions

STEP 1: FIXING WALL & FLOOR CHANNELS FOR SURFACE CHANNELS

Measure the width of the glass panels and cut the floor channel to size using a hacksaw. Place the surface wall and floor channels into position and mark through the pre-drilled holes with a pencil (see Figs. 1 & 2). Remove the channels to one side then drill a hole at the marked positions using a 5.5mm drill bit and insert a red rawplug into each hole (see Fig. 3). Further holes can be drilled into the channel (and floor below) as necessary. Offer the glass panels into place together with the vertical 90 degree corner channel and ensure that the channels are positioned correctly. Place the glass panels and corner channel to one side then secure the surface floor and wall channels into place with fixing screws (see Diagram A).

Diagram A: Surface Channel Detail



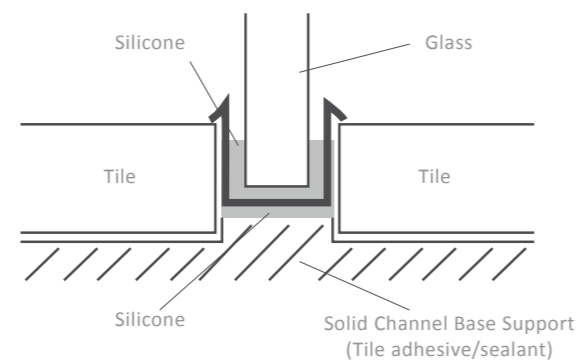
Size of channel: 14mm wide x 20mm high

FOR RECESSED CHANNELS

Measure the width of the glass panel and cut the floor channel to size using a hacksaw. Allow a gap of approximately 14mm whilst tiling for the recessed channel to sit within. Offer the glass panels into place together with the vertical 90 degree corner channel and ensure that the channels are positioned correctly then place the glass panels and corner channel to one side.

Important: Ensure that the underside of the channel is properly supported (see Diagram B). Run a bead of silicone sealant within the gap between the tiles then securely fix the channel into place. Allow adequate time for the silicone sealant to cure before installing the glass.

Diagram B: Recessed Channel Detail



Minimum depth required for channel: 10mm

STEP 2: INSTALLING THE GLASS

Apply a bead of silicone sealant within the channel that the main glass panel will be fitted into, then carefully install the glass Panel within the wall and floor channels. (see Figs. 4 & 5).



Fig. 4: Apply a bead of silicone sealant within the channels

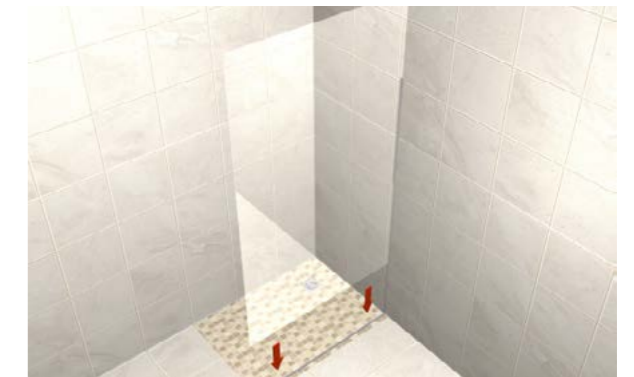


Fig. 5: Install the glass panel within the wall & floor channels

STEP 3: INSTALLING THE RETURN PANEL

Apply a bead of silicone sealant within the channel that the return glass panel will be fitted into. Run a bead of silicone sealant within the corner channel then affix to the main glass panel. Now, carefully install the return glass panel within the floor channel and corner channel to create your L-shaped enclosure.

STEP 4: INSTALLING THE SUPPORT BAR

We recommend using the Orbry Designer Corner Bar with this shower screen configuration. The Designer Corner Bar consists of a wall bracket, glass bracket and hollow steel bridging bar. To fix, loosen the glass bracket using an allen key and place over the glass panel. Loosely connect the chrome bar and wall fixing and ensure that the support is level. Adjust the position of the Orbry Designer Corner Bar so that the glass fixing and wall fixing are equidistant from the wall channel where the glass meets the wall. Then, mark the position of the wall fixing using a pencil. Remove the bridging bar, then using the pencil marks as a guide reposition the wall fixing and mark through the holes with a pencil. Drill the holes with a 7mm drill bit then insert a rawplug into each hole. Fix the wall support into place with screws before connecting the bridging bar and glass fixings. Hand-tighten the fixings using an allen key.

STEP 5: RELAX

Allow 24 hours before using the shower area.



Fig. 6: The Orbry Designer Corner Bar

EXAMPLE C: ANGLED RETURN

Shaped enclosure with angled panel

Consisting of: 2 Glass Panels, Floor/Wall Channel, 135 Degree Jointing Clamp & Support Arm

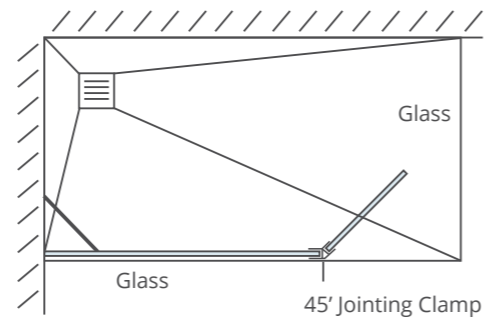


Fig. 1: Mark through the pre-drilled holes with a pencil (wall)



Fig. 2: Mark through the pre-drilled holes with a pencil (floor)

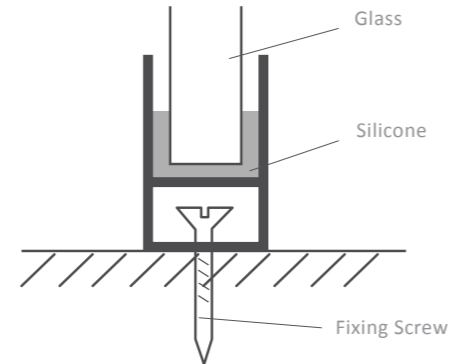


Fig. 3: Remove the channel then drill through the marked positions

STEP 1: FIXING WALL & FLOOR CHANNELS FOR SURFACE CHANNEL

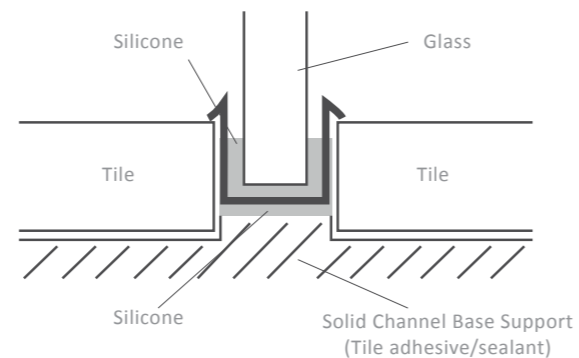
Measure the width of the glass panels and cut the floor channel to size using a hacksaw. Place the surface wall and floor channels into position and mark through the pre-drilled holes with a pencil (see Figs. 1 & 2). Remove the channel to one side then drill through the marked positions using a 5.5mm drill bit and insert a red rawplug into each hole (see Fig. 3). Further holes can be drilled into the channel (and floor below) as necessary. Offer the glass panels into place together and loosely fix the 135 degree jointing clamp to ensure that the channels are positioned correctly. Place the glass panel & corner jointing clamp to one side then secure the surface floor and wall channel into place with fixing screws (see Diagram A).

Diagram A: Surface Channel Detail



Size of channel: 14mm wide x 20mm high

Diagram B: Recessed Channel Detail



Minimum depth required for channel: 10mm

FOR RECESSED CHANNEL

Measure the width of the glass panel and cut the channel to size using a hacksaw. Allow a gap of approx 14mm whilst tiling for the recessed channel to sit within. Offer the glass panels into place together loosely fix the 135 degree jointing clamp to ensure that the channels are positioned correctly then place the glass panels & jointing clamp to one side. **Important:** Ensure that the underside of the channel is properly supported (see Diagram B). Run a bead of silicone sealant within the gap between the tiles then securely fix the channel into place. Allow adequate time for the silicone sealant to cure before installing the glass.

STEP 2: INSTALLING THE GLASS

Apply a bead of Silicone Sealant within the Channels then carefully install the Glass Panels within the Wall/Floor Channel (see Figs. 4 & 5).



Fig. 4: Apply a bead of silicone sealant within the channels

STEP 3: INSTALLING THE RETURN PANEL

Affix the jointing clamp and hand-tighten. Run a bead of clear silicone sealant within the gap between the two glass panels. *Note: We recommend that a 2mm gap be left between the glass panels to allow for expansion.*

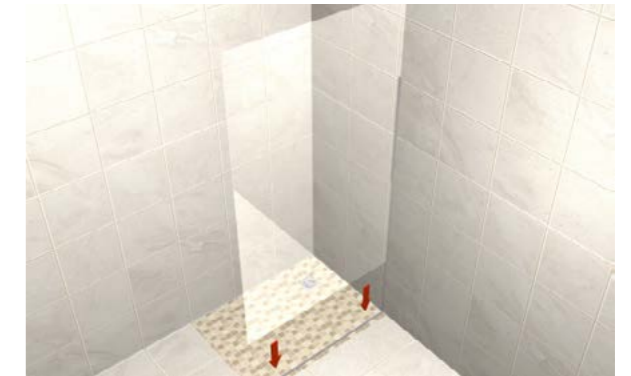


Fig. 5: Install the glass panel within the wall & floor channels

STEP 4: INSTALLING THE SUPPORT BAR

We recommend using the Orbry Designer Corner Bar with this shower screen configuration. The Designer Corner Bar consists of a wall bracket, glass bracket and hollow steel bridging bar. To fix, loosen the glass bracket using an allen key and place over the glass panel. Loosely connect the chrome bar and wall fixing and ensure that the support is level. Adjust the position of the Orbry Designer Corner Bar so that the glass fixing and wall fixing are equidistant from the wall channel where the glass meets the wall. Then, mark the position of the wall fixing using a pencil. Remove the bridging bar, then using the pencil marks as a guide reposition the wall fixing and mark through the holes with a pencil. Drill the holes with a 7mm drill bit then insert a rawplug into each hole. Fix the wall support into place with screws before connecting the bridging bar and glass fixings. Hand-tighten the fixings using an allen key.



Fig. 6: The Orbry Designer Corner Bar

STEP 5: RELAX

Allow 24 hours before using the showering area.

CARE AND CLEANING

IMPORTANT WARNING: Clean with a gentle soap (liquid soap for dishes), **DO NOT** use any abrasive or corrosive products. We also recommend to avoid using any 'OXY' type product. Using these products may damage components and void the warranty. For greater durability and better appearance, we recommend that you regularly polish with Gel-Gloss or a car wax containing Carnauba.

Glass panels: To clean the glass panels, we recommend the use of a mild liquid detergent or lukewarm soapy water with a soft, clean cloth.

CAUTION: Do not use scouring pads, strong and abrasive detergents or sharp tools on any of the shower screen components.

GUARANTEE

This product is guaranteed against manufacturing defects from the date of purchase until the expiry of the relevant guarantee period shown below.

The guarantee is only valid if:-

1. The product has been installed, used and maintained in accordance with Orbry's instructions and subjected to normal use only.
2. The defect is not due to accident, misuse, neglect or repair or damage caused by foreign objects or substances.

Under this guarantee (which is non-transferable) Orbry will, at its option, repair or replace free of charge any product (or replacement part) found to be defective. The guarantee does not extend to any consequential loss or damage. After repair or replacement the relevant guarantee period will be calculated from the original date of purchase.

This product is subject to a ten year guarantee.

All claims under the guarantee must be submitted in writing to the person who supplied the product to you and must be received no later than the last day of the relevant guarantee period. All claims must be accompanied by proof of purchase (sales receipt or delivery note).

Orbry operates a policy of continuous product development and therefore reserves the right to change the product, packaging and documentation specifications without notice.

This guarantee is in addition to and does not affect your statutory rights as a consumer.

Important Note:

Please ensure your Clearshield product is registered separately with Ritec.



Orbry Glass Panels are treated with Clearshield, which gives a lasting protective barrier against water deposit build up. Please ensure that the panels are installed with the Clearshield coating inside the showering area; the treated side of the glass is indicated by a clear sticker.

Do not remove this sticker until installation is complete.



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