



SHOWER SCREEN INSTALLATION INSTRUCTIONS



D26002 - SHOWER SCREEN WITH WALL HINGED DOOR

INITIAL CHECKS

- › Difficulty of Installation (I-10): 3
- › Two person install
- › These instructions must be read alongside the installation sheet provided with your order. If you have not received your installation sheet you must request it prior to proceeding. The installation sheet outlines:
 - › The overall design of the shower system that you have ordered
 - › The deductions that have made to each panel to suit your opening/design
 - › The hardware that has been supplied with your order
 - › The lengths that you will need to cut any profiles
 - › The way in which the panels are to be set out at the time of install
 - › Any rakes on the walls that were considered during production
- › These install instructions are standard and not job specific - it is the installation sheet that is unique to each job.
- › Dolphin offers the ability to make everything bespoke so if you feel like these instructions are missing some steps, please contact us on +44 (0) 1424 202 224 before proceeding with the install.
- ›
- › These install instructions are laid out in the order that you should follow when installing.
- › Ply pattresses are required whenever you are mechanically fixing through the wall, floor or ceiling.
- › Where doors are hinged off a fixed panel, you must leave the fixed panel for 48 hours before attempting to hang the door.
- › Should you have any questions or queries with regards to your install, please contact Dolphin Solutions on +44 (0) 1424 202 224

ITEMS REQUIRED

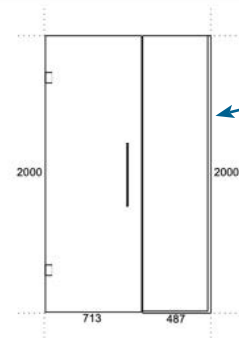
- › Glass
- › Hardware
- › A selection of screws
- › 6mm RAWL plugs
- › Section of clear packers
- › Selection of coloured packers
- › Hand saw/chop saw
- › Sarp scissors/seal cutters
- › Laser level
- › Tape measure
- › Marker pen
- › Battery operated drill
- › 4/5mm drill bits
- › Glass suckers
- › Solvent free, neutral curing low modulus clear silicone
- › Lint free cloths
- › Water
- › Selection of screwdrivers
- › Selection of allen keys

EXAMPLE INSTALLATION SHEET

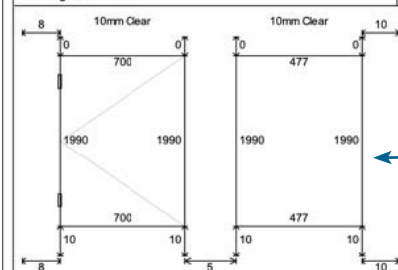
- > The installation sheet provided should be used to identify the following:
 - > The gaps to be left around each panel when installing.
 - > Any rakes that Prism have been asked to manufacture to.
 - > The lengths at which you should cut the profile(s).
 - > All hardware that has been delivered with the order.

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INSTALLATION SHEET Project Name: **Install Instruction** 02/11/2023




Showing Exterior Void



Customer: Mega Glass
Location: Nord
Quantity: 1

OUT OF PLUMB / LEVEL CONDITIONS



SHOWER FITTINGS		Metal cut sizes are centreline measurements
1 Handle 6	SO18X18 - Back to Back Door Handle with 457mm Hole Centres	Chrome
2 Hinge 1 - GTIV	V1E044 - Opens 90° in each direction	Chrome
2 Profile 1	SDCD38 - Length: 2410mm	Brile Anodized
1 Seal 1 - Hinge Side	Seal 1 - PCR10 - Length: 2410mm	
1 Seal 3: Botton of Door	Seal 3: P990WS - Length: 2410mm	
1 Seal: Handle Side	Seal 2 - PCC10 - Handle Side - Length: 2410mm	


Illustrates the overall design of the shower.

Identifies any rakes on the walls.

Illustrates individual panel sizes as well as the gaps to be left around each panel when installing.

Full list of hardware provided with your order. This also identifies the sizes that you are required to cut your profiles.

INSTALLATION OF FIXED PANEL

STEP NO.	STEP DESC.	USING	TASK	NOTE	IMAGE
1	Check	The installation sheet	Identify the lengths that you need to cut the profile(s).	All cuts will be butt-joints unless stated on the installation sheet. Mitres will be identified using the codes below and will have the exact degrees that they need to be cut UM – up mitre BM – back mitre	
2	Cut	A chop saw / hack saw	The profile(s) to the correct length	A chop saw must be used for all mitre cuts	
3	Drill	Chrome	A battery operated drill and 4/5mm drill bit	2no holes if under 500mm 3no holes if under 1000mm 4no holes if under 2000mm 5no holes if over 2001mm	
4	Place	Clear	The floor profile(s) in the position that you want them installed	As you are installing an underframe, one of the floor profiles will run underneath the door. Ensure that any profile that is butting up against the wall is tight against that wall.	
5	Check	A tape measure	That the floor profile(s) run(s) parallel with the wall(s)/another floor profile (if the system being installed is an enclosure with more than two sides)	Reposition as necessary	

INSTALLATION OF FIXED PANEL

STEP NO.	STEP DESC.	USING	TASK	NOTE	IMAGE
6	Mark	A pen	On the floor the location of the holes in the floor profile(s)		
7	Move		The floor profile(s) out of the way		
8	Drill	A battery operated drill and 6mm drill bit	The floor where you have marked the holes	The drill bit that you use will depend on the material you are drilling into and the depth that you are planning on drilling. If you are unable to drill into the floor, contact Prism Showers before proceeding	
9	Insert		A 6mm RAWL plug into each of the holes now drilled in the floor		
10	Apply		The low modulus sealant along the centre of the back edge of the profile(s)	Apply a small bead to minimise the amount that spills over the sides when the profile is secured	
11	Place		The profile(s) back on the floor and align the holes in the profile with the RAWL plugs on the floor		
12	Secure	A drill and suitable screws	The floor profile(s) in position		
13	Check		The profile(s) is/are properly secure		

INSTALLATION OF FIXED PANEL

STEP NO.	STEP DESC.	USING	TASK	NOTE	IMAGE
14	Clean	A coloured packer, water and a rag	Clean up any silicone overspill that may have occurred	Use the corner of one of the coloured packers supplied and pull back any excess silicone	
15	Place		The wall profile(s) on top of the floor profile(s) that you have installed and hold it/them in position		
16	Check	A laser level & tape	The wall profile(s) are straight and level	Set the laser line so that it runs through the centre of the base profile(s) and centre of the wall profile(s) that sit above it Adjust as necessary	
17	Mark	A pen	On the wall(s) the location of the holes in the wall profile(s)		
18	Move		The wall profile(s) out of the way		
19	Drill	A battery operated drill and 6mm drill bit	The wall where you have marked the holes	The drill bit that you use will depend on the material you are drilling into and the depth that you are planning on drilling. If you are unable to drill into the wall(s), contact Prism Showers before proceeding	
20	Insert		A 6mm RAWL plug Into each of the holes now drilled in the wall		

INSTALLATION OF FIXED PANEL

STEP NO.	STEP DESC.	USING	TASK	NOTE	IMAGE
21	Apply	The low modulus sealant	A bead of low modulus sealant along the centre of the back edge of the profile(s)	Apply a small bead to minimise the amount that spills over the sides when the profile is secured	
22	Place		The profile(s) back against the wall(s) and align the holes in the profile with the RAWL plugs		
23	Secure	A drill and suitable screws	The wall profile(s) to the wall		
24	Check		The wall profile(s) is/are properly secure and there is no silicone overspill		
25	Clean	A coloured packer, water and a rag	Clean up any silicone overspill that may have occurred	Use the corner of one of the coloured packers supplied and pull back any excess silicone	
26	Check	The installation sheet	To understand the opening required for the door and the position that the fixed panel(s)/ nib(s) that run in line with the door should finish	In the example shown on the right, the fixed panel will be finishing 577mm from the wall	
27	Check	A pen	On the base profile the exact position that the exposed edge of the fixed panel(s) or nib(s) should finish		
28	Check	The installation sheet	The deductions that have been made between the floor and the bottom of the fixed screen(s)/ return(s)		


INSTALLATION OF FIXED PANEL

STEP NO.	STEP DESC.	USING	TASK	NOTE	IMAGE
29	Calculate	The installation sheet	The buildup of clear packers required within the floor profile(s)	This is done by taking the number identified above and deducting the wall thickness (shown on the installation sheet) e.g. if the installation sheet shows a 10mm deduction at the base and a 2mm wall thickness, you will need to use a buildup of 8mm clear packers within the floor profile	
30	Insert	Clear packers	The buildup of packers at two positions along the inside of the floor profile(s) where the glass is being installed	These should be positioned 25-75mm from either side of where the glass is going to be when in its final position	
31	Attach		The glass suckers to the outside face of the fixed screen	Be sure to take note of the label on the glass that identifies which face is to be outside as well as which way up the glass should be installed	
32	Lift	The glass suckers	The glass into the floor profile so that it sits on top of the clear packers that have been placed in the floor profile		
33	Move	The glass suckers	The glass into the wall profile until the exposed edge of the glass finishes in line with the mark that you drew on the floor profile		
34	Check		That the top of the fixed screen aligns with the top of the wall profile	If this is not the case, remove the glass and add/remove packers from the floor profile accordingly	

INSTALLATION OF FIXED PANEL

STEP NO.	STEP DESC.	USING	TASK	NOTE	IMAGE
35	Check	A laser level	That the glass that has been installed is straight and level	<p>Place the laser 100mm away from the exposed edge of the glass and measure the distance between the edge of the glass and the laser line. If the glass is straight and level, this measurement should be 100mm up the entire length.</p> <p>If the glass screen is not straight and level, make adjustments by removing the glass and adding/removing 1-2mm of the clear packers from the base before reinstalling the glass and rechecking with a laser</p> <p>Note: you will be removing different thicknesses of packers from either side of the screen</p>	
36	Remove	The glass suckers	The fixed panel that has been dry fitted and place safely to one side		
37	Apply	The low modulus sealant	A bead of silicone inside the vertical faces of the profile(s) that you have just removed the glass screen from	<p>This should be between 5-7mm from the top edge of the profile and along the entire length</p> <p>It is important that there are no gaps in the silicone bead as this will act as a seal for water to not be able to enter the profile</p>	
38	Lift	The glass suckers	The glass back into the profile so that it sits on the clear packers		

INSTALLATION OF FIXED PANEL

STEP NO.	STEP DESC.	USING	TASK	NOTE	IMAGE
39	Realign	The glass suckers	The glass screen inside the profiles ensuring that it is in the same position as it was before it was removed		
40	Check	Laser level	The glass screen is straight and level as expected	Adjust as necessary	
41	Clean	A coloured packer, water and a rag	Clean up any silicone overspill that may have occurred	Use the corner of one of the coloured packers supplied and pull back any excess silicone	
42	Measure	The tape measure	The internal length of base profile that you have exposed (under the door)	This is where you will be installing your underframe infill profile	
43	Cut	A chop saw / hack saw	Cut the underframe infill profile		
44	Insert		3no 2mm clear packers inside the base profile that are spaced apart equally		
45	Apply	The low modulus sealant	A bead of silicone along the base and the inner walls of the floor profile	This should be between 5-7mm from the edge of the channel and along the entire length	
46	Insert		The underframe infill piece into the base profile and apply pressure	The top of the underframe infill sits flush with the edges of the base profile	

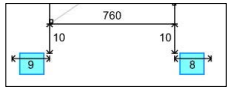
INSTALLATION OF FIXED PANEL

STEP NO.	STEP DESC.	USING	TASK	NOTE	IMAGE
47	Clean	A coloured packer, water and a rag	Any excess silicone that has spilt over whilst applying the pressure		
48	Apply	The low modulus sealant	A very small bead of silicone along the gaps either side of the underframe	You should use a new silicone nozzle for this to ensure a minimal bead	
49	Clean	A coloured packer, water and a rag	The top edge of the underframe by running the flat side of a packer along the top edge of the underframe to clear back any excess silicone		
50	Leave		To dry for 48 hours		
51	Unbox		The hinges		
52	Disassemble	A screwdriver	The back plate from the hinges		
53	Locate		The correct gaskets to be used for the glass thickness that is being installed	Gaskets for 10mm and 12mm glass come within the hinge box as standard whilst gaskets for 8mm glass will arrive as a separate item The gaskets used for 10mm glass are the thicker of the two in the box	

INSTALLATION OF FIXED PANEL

STEP NO.	STEP DESC.	USING	TASK	NOTE	IMAGE
54	Attach	A screwdriver	<p>The hinges through the cutouts in the glass and hand tighten</p> <p>The gaskets should be installed either side of the glass to ensure that there is no metal to glass contact</p>	<p>Be sure to take note of the label on the glass that identifies which face is to be outside as well as which way up the glass should be installed</p> <p>Once the hinges are attached, you should be able to reposition these by hand but with some level of resistance</p>	
55	Unbox		The handle		
56	Disassemble	A screwdriver & allen key	The handle components		
57	Attach	A screwdriver & allen key	The handle through the cutouts in the glass and tighten		
58	Check	The installation sheet	The gap that will be left under the door once it has been installed	<p>The gap shown on the installation sheet is inclusive of the underframe (19mm)</p> <p>e.g. if you are shown 29mm then you will have a 10mm gap between the top of the underframe and bottom of the glass</p>	
59	Insert	Coloured packers	A buildup of coloured packers that make up this dimension and insert them in two positions underneath where the door is about to be installed	The packers will sit on top of the underframe and should be equally spaced apart	

INSTALLATION OF FIXED PANEL

STEP NO.	STEP DESC.	USING	TASK	NOTE	IMAGE
60	Attach	The glass suckers	The glass suckers to the outside face of the door		
61	Lift	The glass suckers	The door into position so that it is resting on top of the packers		
62	Move	The glass suckers	The door towards the wall so that the back plate of the hinges sits flush against the wall		
63	Check	A laser level	That the top of the door aligns with the fixed panel(s) or return(s) that form the system	If they do not align you can add/remove up to 2mm of packers from the base to rectify the issue. If more the difference is greater than 2mm, contact Prism before proceeding. Any deviation from the dimension shown on the install sheet may require an alternative seal to be ordered	
64	Check	The installation sheet	The gaps that you have around the door match what is shown on the installation sheet	If any adjustment is required push/pull the glass in/out of the hinge	
65	Check		That the door runs perfectly in line with the fixed panel/return that it is closing into	Adjust as necessary	
66	Secure	A drill/ screwdriver	The hinges to the glass		


INSTALLATION OF FIXED PANEL

STEP NO.	STEP DESC.	USING	TASK	NOTE	IMAGE
67	Mark	A pen	The location of the holes in the hinge plate on the wall		
68	Remove	The glass suckers	The glass door and place safely to one side		
69	Drill	A battery operated drill and 6mm drill bit	The wall where you marked the holes for the hinges	The drill bit you use will depend on the material you are drilling into and the depth that you are planning on drilling.	
70	Insert		A 6mm RAWL plug Into each of the holes now drilled in the wall		
71	Attach	The glass suckers	The glass suckers to the outside face of the door screen		
72	Lift	The glass suckers	The door into position so that it is resting on top of the packers		
73	Realign	The glass suckers	The holes in the hinge back plate with the RAWL plugs that are in the wall		
74	Secure	A drill and the screws provided	The hinges to the wall		
75	Check		The door is installed correctly and that it is operating as expected		


INSTALLATION OF FIXED PANEL

STEP NO.	STEP DESC.	USING	TASK	NOTE	IMAGE
76	Check	The installation	To understand which seal should be installed in which location	The seals have a label on them that cross references the seal number shown on the installation sheet	<div style="border: 1px solid black; padding: 2px;"> <ul style="list-style-type: none"> 1 Seal 1: Handle Side 1 Seal 1: Hinge Side 1 Seal 3: Bottom of Door </div>
77	Locate		The seal that is being installed at the bottom of the door		
78	Measure	A tape measuer	The exact width of the glass door at the base of the door		
79	Cut	Seal scissors/ hand saw	The bottom seal to the dimension identified above		
80	Attach		The seal onto the glass by slotting the glass into the recess and applying pressure		
81	Locate		The seal that is being installed on the hinge side of the door		
82	Measure	A tape measure	The distance between the top of the glass door and the top edge of the highest hinge		
83	Cut	Seal scissors/ hand saw	The hinge side seal to the dimension taken above		
84	Attach		The seal onto the glass by slotting the glass into the recess and applying pressure		

INSTALLATION OF FIXED PANEL

STEP NO.	STEP DESC.	USING	TASK	NOTE	IMAGE
85	Measure	A tape measure	The distance between hinges		
86	Cut	Seal scissors/ hand saw	The hinge side seal to the dimension taken above		
87	Attach		The seal onto the glass by slotting the glass into the recess and applying pressure	Repeat the above steps if you are a third hinge	
88	Measure	A tape measure	The distance between the bottom of the glass door and the bottom of the lowest hinge		
89	Cut	Seal scissors/ hand saw	The hinge side seal 10mm longer than the dimension taken above		
90	Notch	Seal scissors/ sharp scissors	The bottom of the now cut seal so that it wraps around the seal that has been installed on the bottom of the door		
91	Attach		The seal onto the glass by slotting the glass into the recess and applying pressure	If the bottom of this seal is dragging on the floor once installed, remove it and cut it down until it is as close to the floor as possible without dragging on the floor	
92	Locate		The seal that is being installed on the handle side of the door		

INSTALLATION OF FIXED PANEL

STEP NO.	STEP DESC.	USING	TASK	NOTE	IMAGE
93	Decide		If you want the door to open inwards or outwards	The seal can be rotated to allow the door to open in either direction	
94	Measure	A tape measure	The exact height of the glass door on the handle side		
95	Cut	Seal scissors/ hand saw	The handle side seal 10mm longer than the dimension taken above		
96	Notch	Seal scissors/ sharp scissors	The bottom of the now cut seal so that it wraps around the seal that has been installed on the bottom of the door		
97	Attach		The seal onto the glass by slotting the glass into the recess and applying pressure	The long leg of the seal will be inside the shower when the door needs to open outwards and inside the shower when the door needs to open inwards If the bottom of this seal is dragging on the floor once installed, remove it and cut it down until it is as close to the floor as possible without dragging on the floor	
98	Check		That the door opens and closes correctly	Adjust as necessary	



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