

Assembly & Installation Guidelines Frameless Showerscreen — Channel Fixed Panel

Please read these guidelines carefully before installing and using the product.

SAFETY INFORMATION

- Always wear appropriate safety equipment.
- This product requires two people for installation.
- Be careful when handling glass – damage to edges or surface scratches could lead to sudden breakage or cracking of the glass. Glass is most vulnerable when collided from the side. If glass breaks, injuries may occur.
- If this product falls down, serious or fatal crushing injuries can occur. This product should be permanently fixed to the wall – contact your local fastening device retailer for advice on what fastening devices are suitable for your walls.
- Assembly should be carried out by an appropriately skilled person, due to the risk of wrongful assembly leading to injury or damage.



ITEMS INCLUDED IN THE BOX

GLASS PANEL BOX



1 x glass panel
Up to 1400 mm W
x 2053 mm H x 10 mm D



4 x packers
50 mm W x 3 mm H
x 10 mm D

U CHANNEL BOX



1 x U channel
16 mm W x 2100 mm H
x 35 mm D

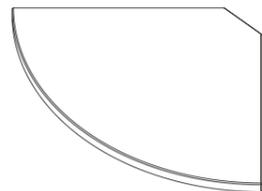


1 x L-shaped rubber
35 mm W x 2 mm H
x 10 mm D



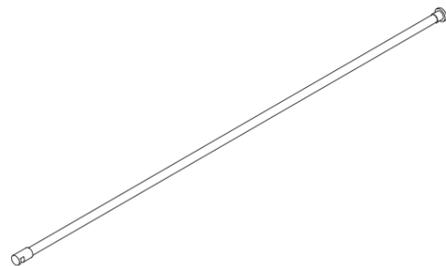
1 x wedge
13 mm W x 2 mm H
x 15 mm D

GLASS GUSSET BOX



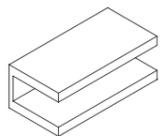
1 x glass gusset
200 mm W x 200 mm H
x 10 mm D

SUPPORT BAR BOX



1 x support bar
1200 mm W x 32 mm H
x 23 mm D

WALL BRACKET BOX



1 x gusset wall bracket
50 mm W x 25 mm H x 19 mm D

EXTRA ITEMS AND TOOLS REQUIRED CHECKLIST

These items are readily available from all major hardware stores.

Drill and No.2 Phillips head driver	<input type="checkbox"/>	Stud finder	<input type="checkbox"/>
Stepladder	<input type="checkbox"/>	Builder's square	<input type="checkbox"/>
Phillips head screwdriver	<input type="checkbox"/>	Allen keys	<input type="checkbox"/>
Spirit level	<input type="checkbox"/>	Silicone	<input type="checkbox"/>
Measuring tape and pencil	<input type="checkbox"/>	Wall plugs	<input type="checkbox"/>
Rubber mallet	<input type="checkbox"/>	6 mm tile drill bit	<input type="checkbox"/>
Silicone/caulking gun	<input type="checkbox"/>	6-guage 40 mm countersunk screws	<input type="checkbox"/>

IMPORTANT BUILDING TERMINOLOGY

In construction, tradespeople use terms like 'square', 'level' and 'plumb' to be sure that their measurements are accurate, and the finished project is successful. Here are some definitions of common building terminologies.

Square: when corners are 90 degrees.

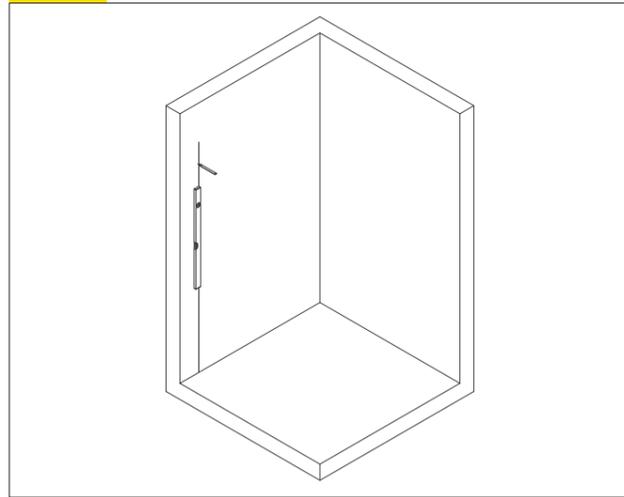
Level: straight from side to side, like a shelf that's been properly installed.

Plumb: straight up and down, like the walls of a building.

IMPORTANT INFORMATION

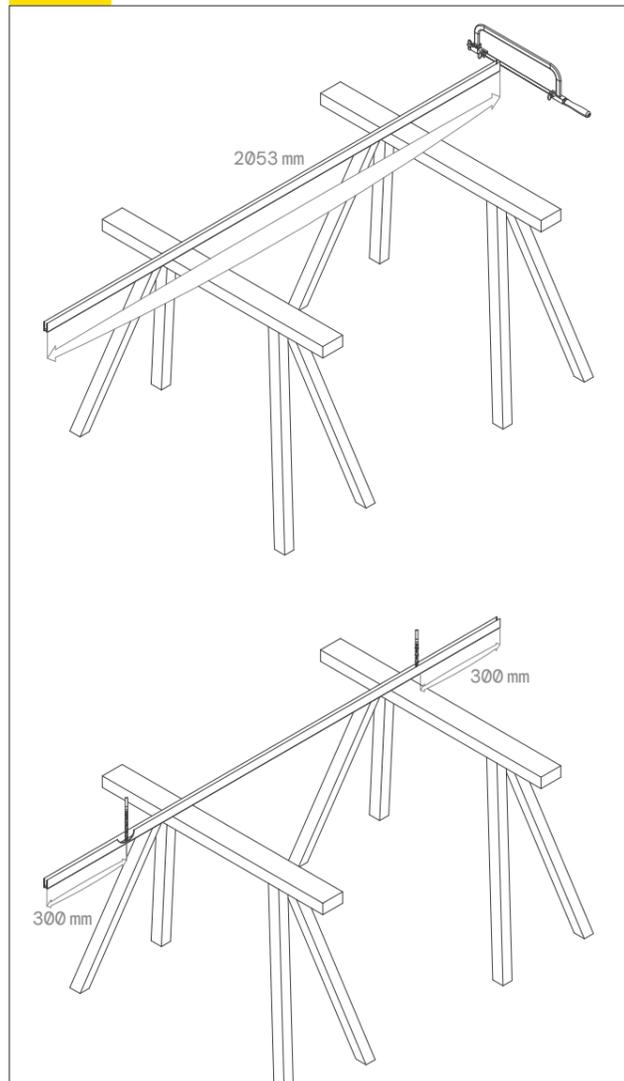
- Read guidelines carefully before commencing.
- The following recommendations are provided for the benefit of screen fabricator and installer, and the home owner/user:
 - , showerscreen installation should comply with AS 3740.
 - , to ensure stability and safe performance of frameless showerscreens, glass gussets, braces and supports at the head of the frameless glass may be necessary.
 - , while patch fittings provide required strength and appearance, the fixed glass panels in a frameless showerscreen may be attached to the wall and floor with a securely fixed channel. The glass should be anchored firmly to the channel with glazing wedges or structural grade silicone.
 - , frameless glass wall panel up to 2100 mm high should have a minimum of two mechanical fixings to the wall at 1700 mm maximum spacing.
 - , screens can be attached to the floor allowing for minimum 3 mm clearance with either structural silicone or minimum 2 mechanical fixings at a maximum spacing of 1700 mm.
- It is recommended that homeowners regularly inspect the following aspects of the operation of a frameless showerscreen:
 - , check the tightness of the screws and clamp/patch fittings.
 - , replace scratched or damaged glass.
- When reglazing or replacing glass it is recommended that Grade A safety glass be used.

Step 1



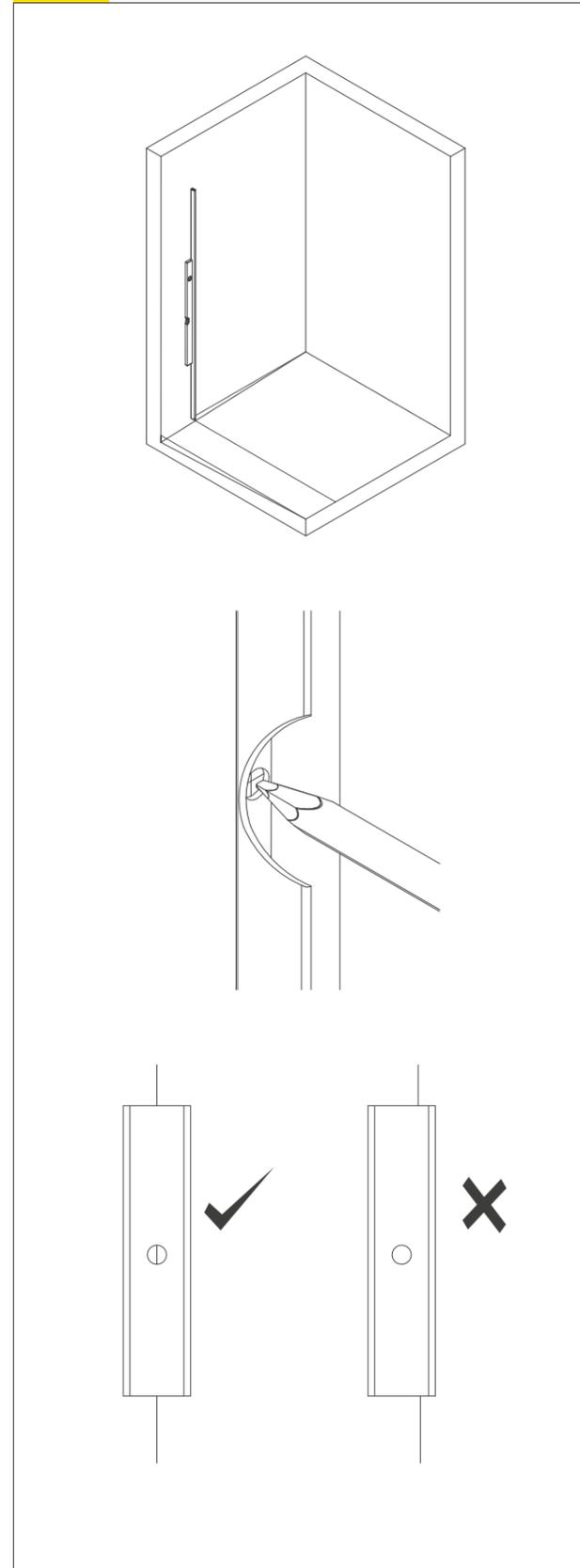
Set out location.
Locate glass panel position on wall with level.
Mark vertical pencil line (2053 mm).

Step 2



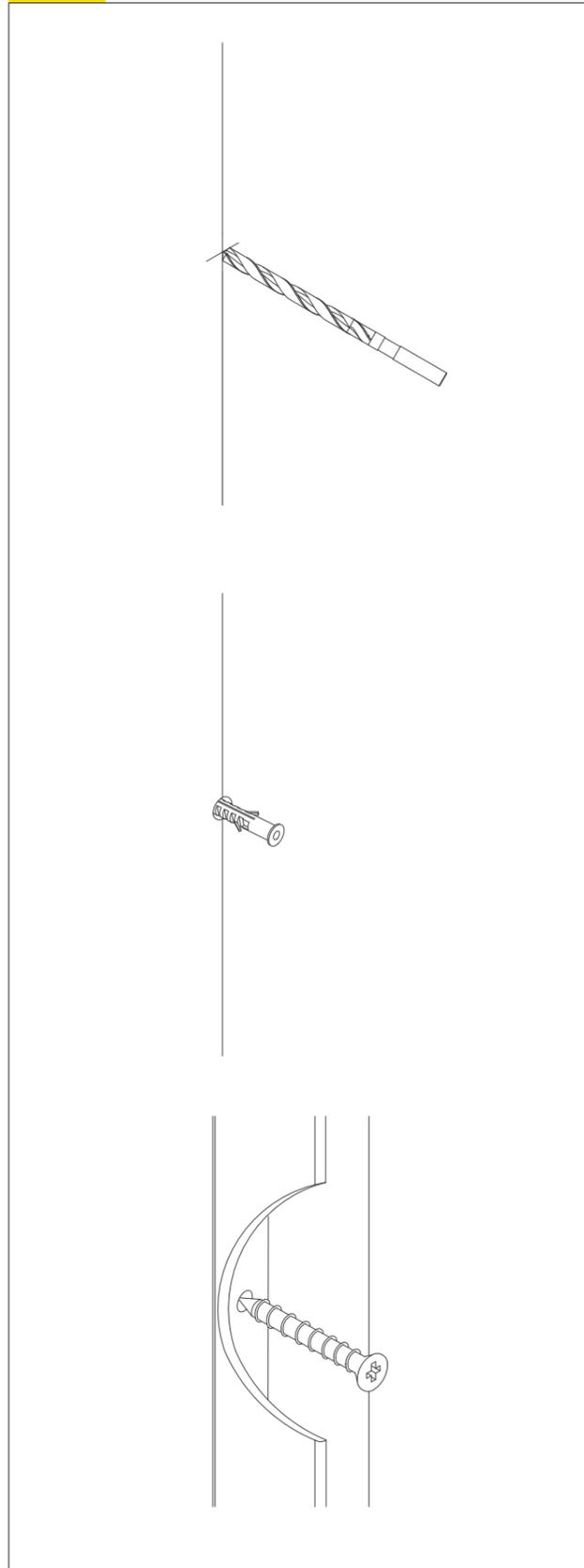
Open U channel box.
Cut channel to 2053 mm. Pre-drill 3 mm hole
300 mm from top and bottom of U channel.

Step 3



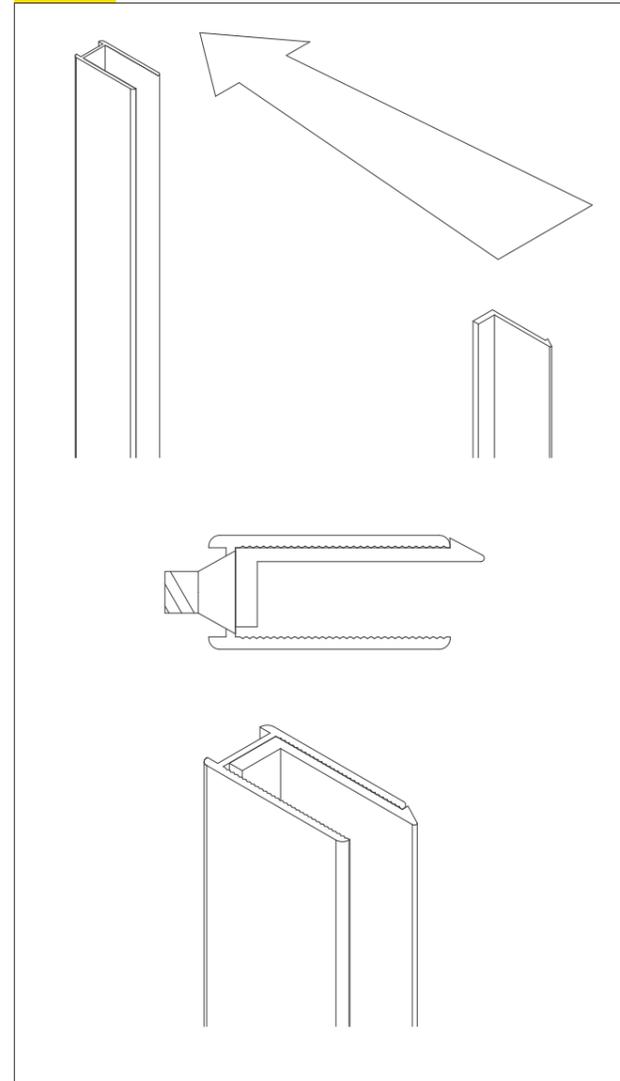
Place channel in position against wall plumb
on pencil line.
Mark hole location with pencil.

Step 4



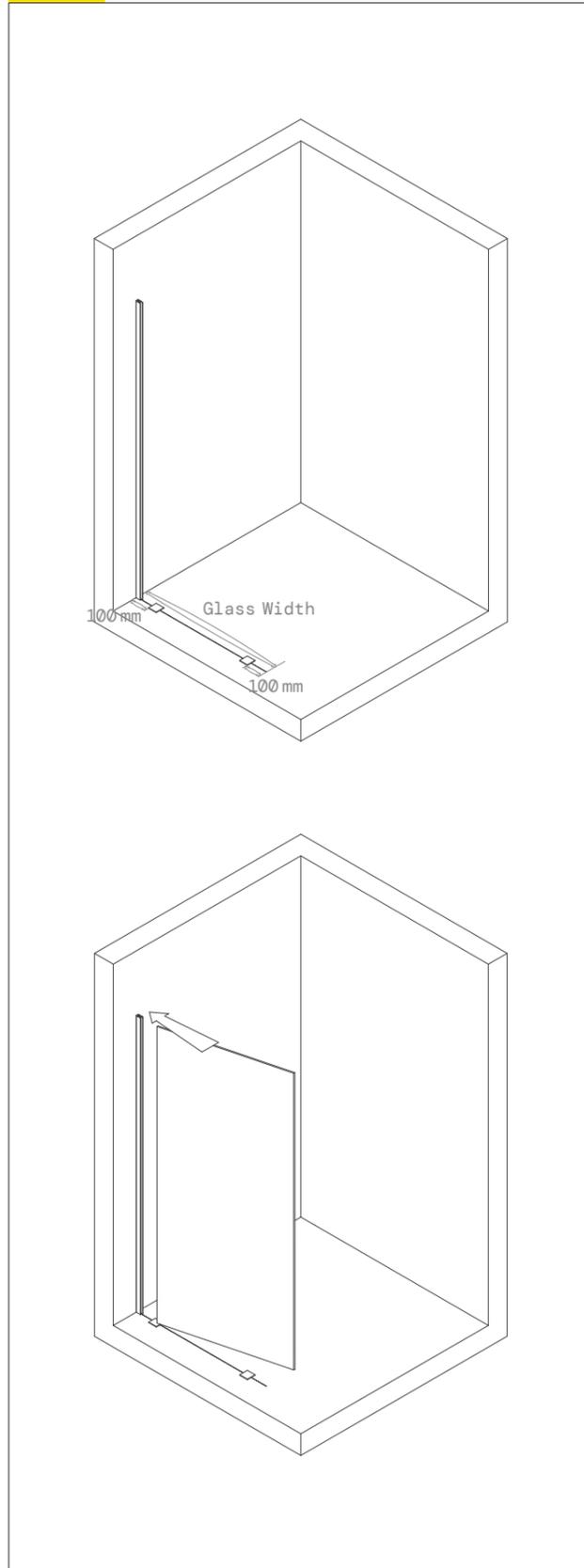
Drill 6 mm hole into tile. Insert wall plug.
Fix channel to wall using countersunk screws
(ensure wall plugs are used if an internal stud
cannot be located).
Check for plumb.

Step 5



Fix L-shaped rubber wedge into channel
with fin facing inside of shower.
If need be, consider making a hole in the
PVC where screws are placed to stop PVC
bulging out.
Screw head must not penetrate past the
PVC if hole is made.

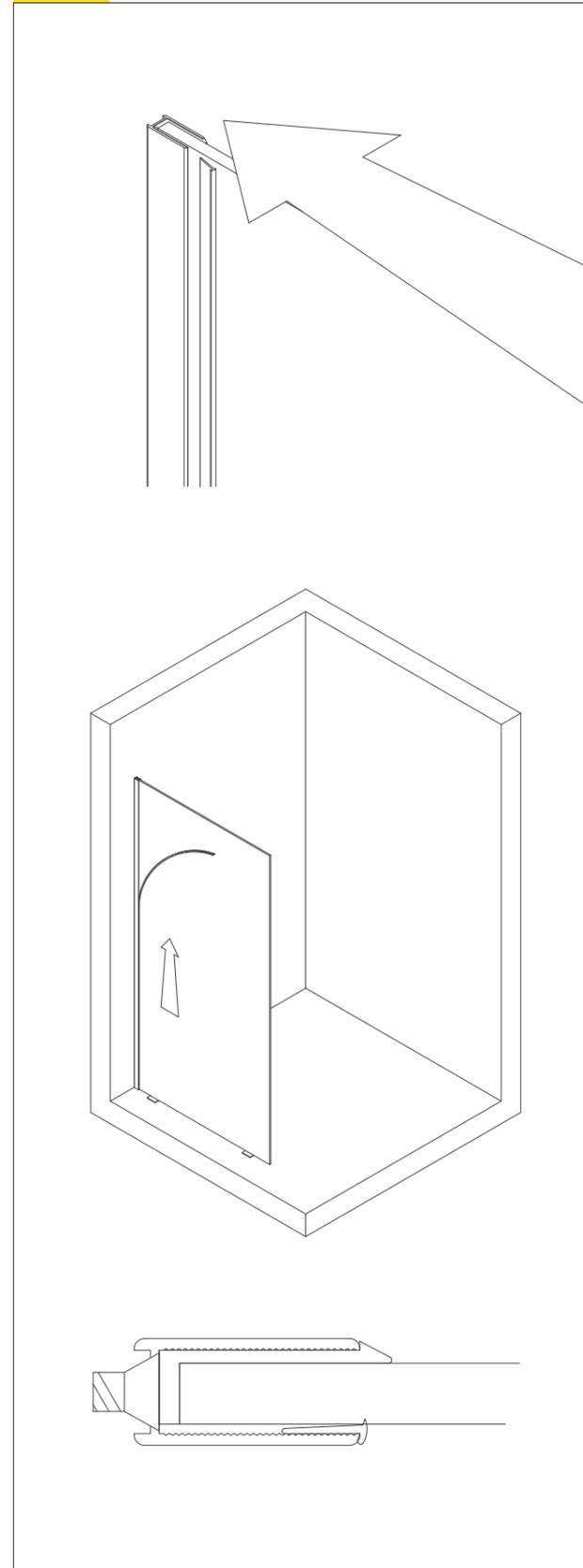
Step 6



Open glass panel box.
Place 3 mm packers on floor where panel will be installed.
Before lifting glass ensure you are wearing the appropriate safety equipment.
Before resting the glass on the floor ensure you have laid a protective sheet on the floor. An example could be old carpet or the cardboard box.
Insert glass into channel. Adjust to make plumb.

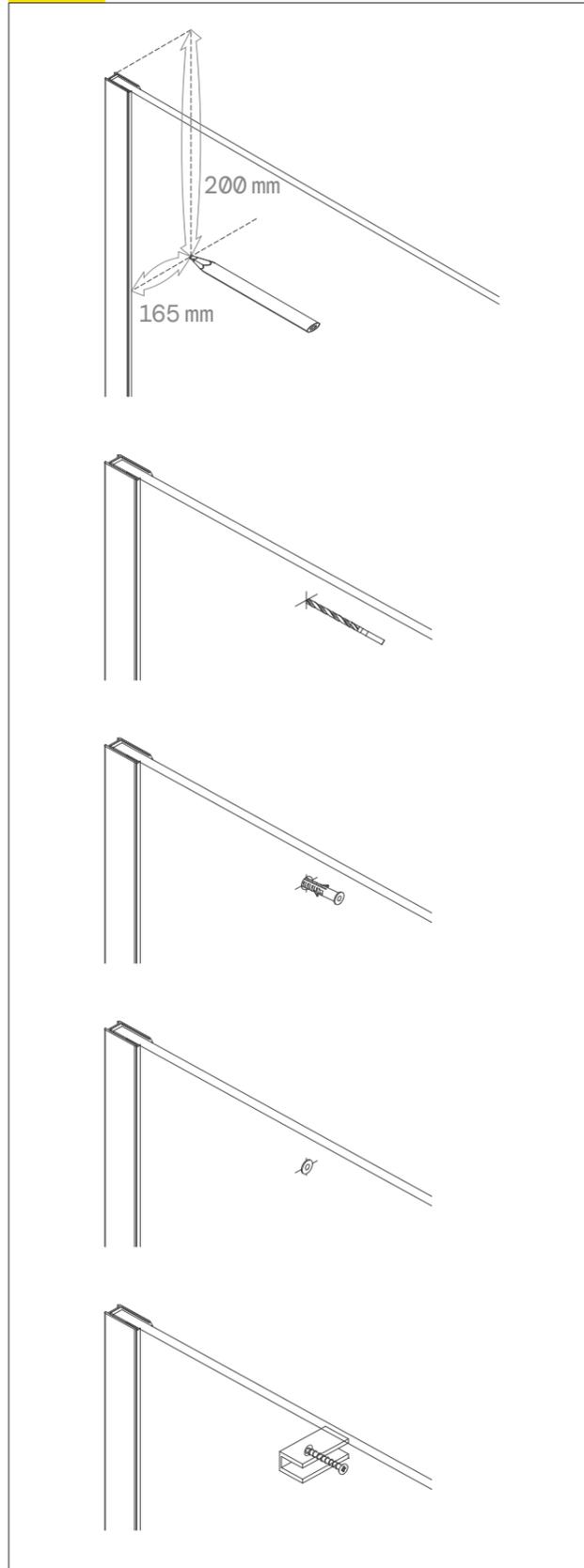
TIP: Reeded glass: the ribbed surface is installed to the outside of the shower recess.

Step 7



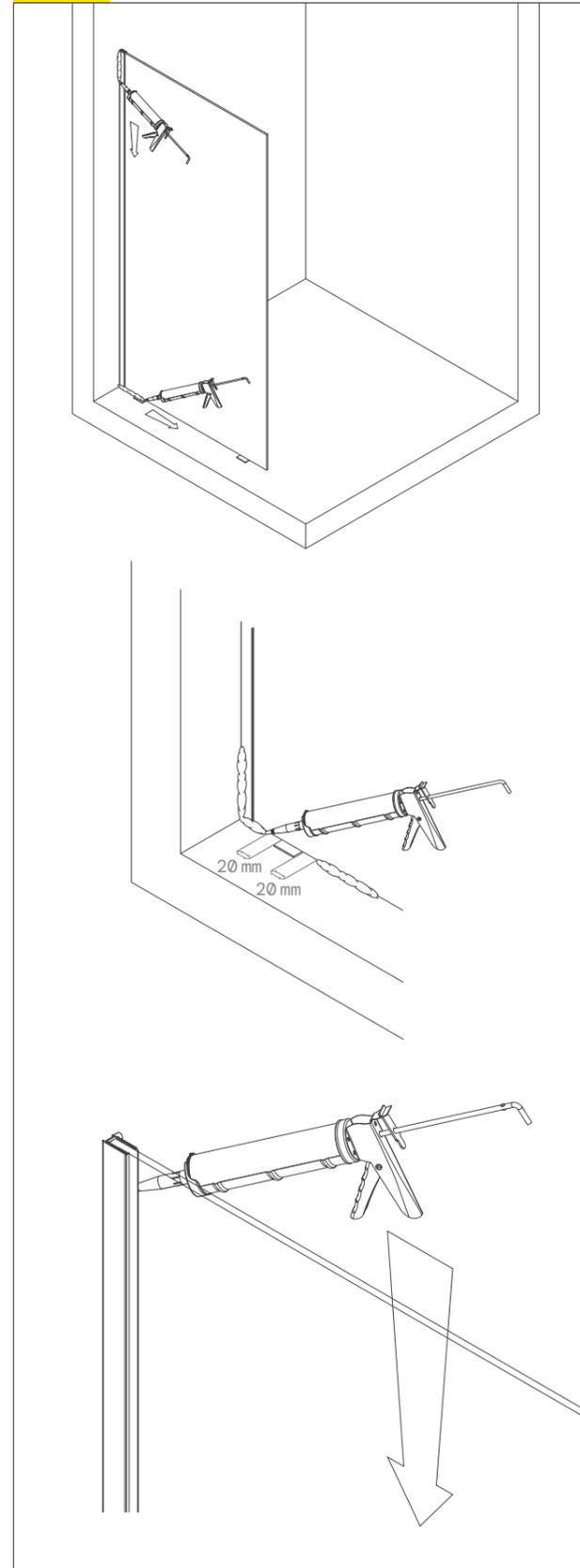
With square offcut of soft pine timber and rubber mallet, tap in the clear plastic wedge on the outside of the showerscreen, working from the bottom up.

Step 8



Open glass gusset box and wall bracket box.
 Measure 200 mm down from top of glass
 and 165 mm in and mark tile.
 Drill 6 mm hole into tile. Insert wall plug,
 screw gusset wall bracket to wall with
 countersink screw.

Step 9



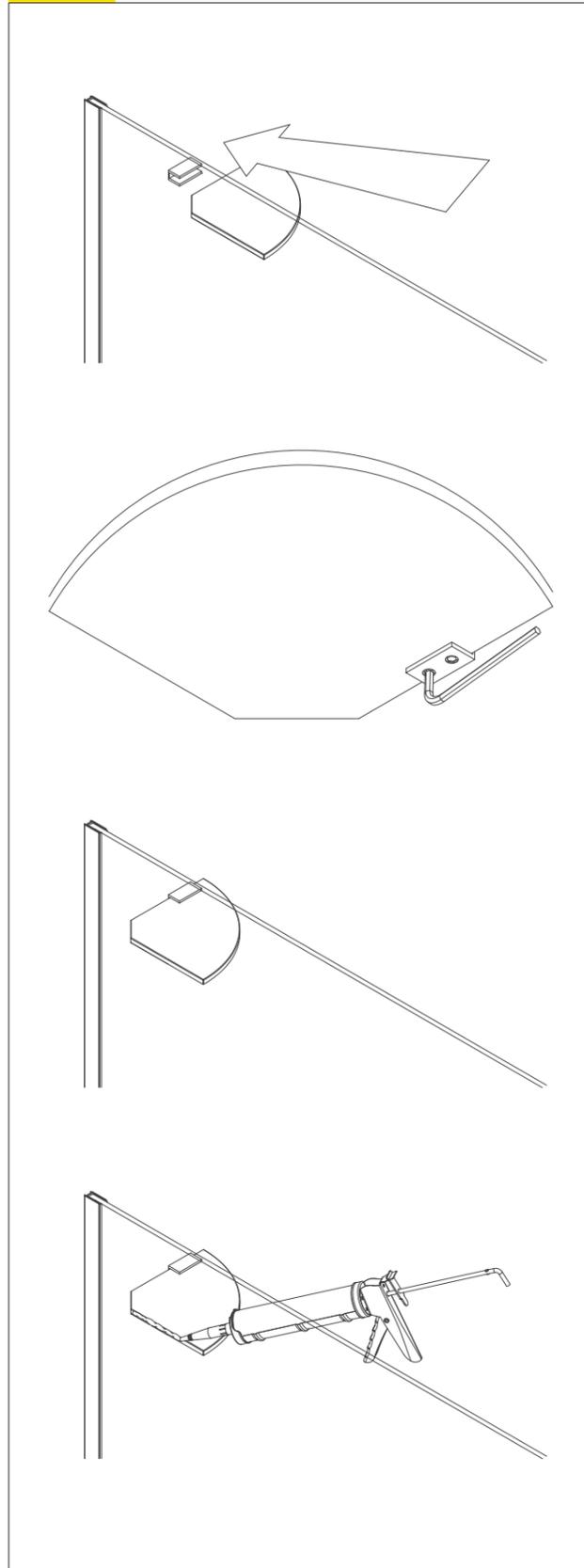
Apply silicone seal between U channel and
 wall and glass and floor. Leave approx. 20 mm
 each side of the packers to be completed later.

TIP: The success of the silicone bond with
 glass is totally reliant on the cleanliness of
 the glass edge. Use a clean paper towel or
 lint free cloth when applying a cleaner to
 the glass.

Silicone needs to be capable of carrying the
 loads imposed by the glass. Use a nozzle
 which enables silicone to be forced into the
 joint. Excess silicone should be removed
 before curing.

TIP: Refer to our guide – How to apply silicone.
 All our guides are located at:
stegbar.com.au/support

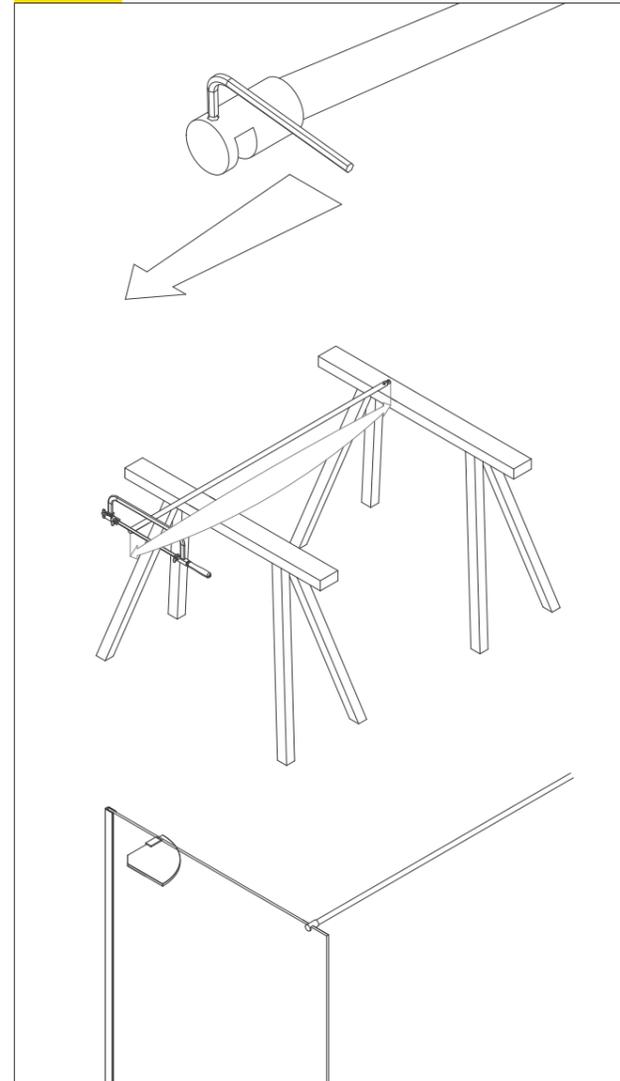
Step 10



Install gusset leaving 3 mm gap off glass panel. Apply silicone between gusset and glass panel.

TIP: To allow for water runoff, do not silicone gusset to tile wall.

Step 11

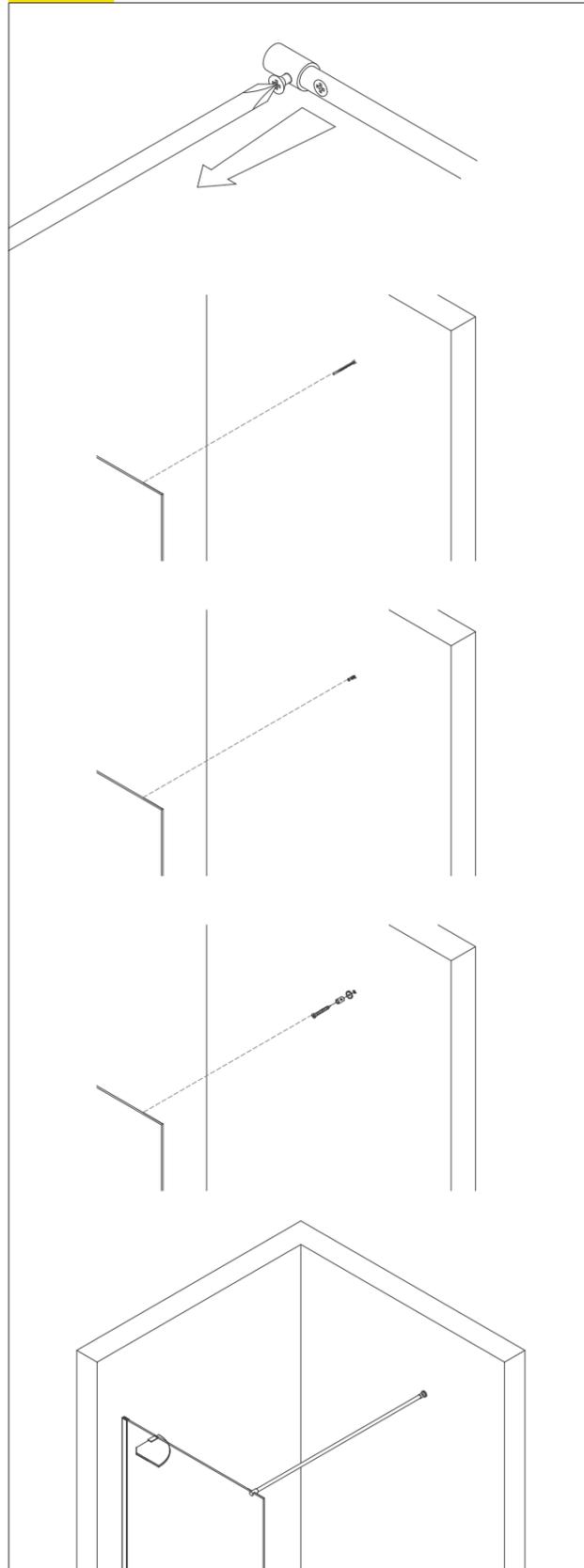


Open support bar box.

Remove bar to glass bracket. Measure between the glass panel and the wall and deduct 29 mm. Cut support bar to measurement.

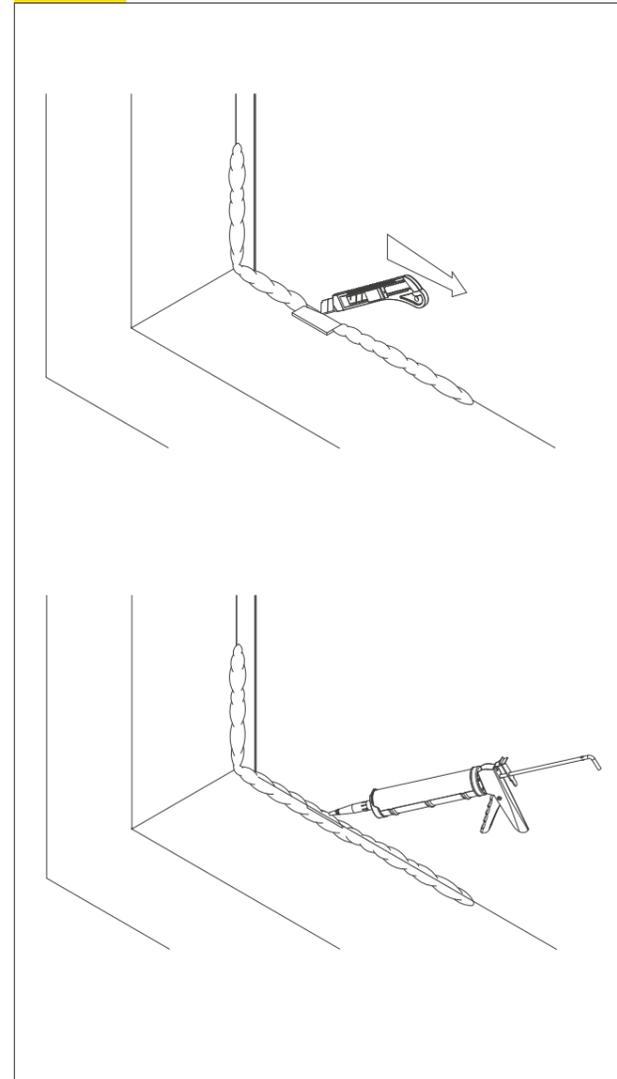
Re-install bar to glass bracket. Place support bar onto glass. Ensure support bar is level and with pencil outline the mount bracket on the wall.

Step 12



Remove support bar wall bracket.
Place wall bracket on wall within the pencil mark and mark the centre hole on the wall.
Drill 8 mm hole into tile, insert wall plug, screw mount bracket to wall.
Re-install support bar to mount bracket.

Step 13



Please avoid moving panel or excess water on panel for a minimum 24 hours.

After 24 hours cure time cut packers flush with glass.

Apply silicone seal between glass and floor.

TIP: Refer to our guide – How to apply silicone.

All our guides are located at:
stegbar.com.au/support



Stegbar is not providing any installation of the product, which is your responsibility. The information in this assembly document is of a general nature only and is provided regarding a typical installation process. Accordingly, this assembly document does not take into account your specific circumstances, environment, needs, tools or skills.

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