

CORE DRILL SPIGOT – INSTALLATION REQUIREMENTS

Surface	Concrete	Soft Surface
Fixings	Non-shrink grout	Non quick-set concrete
Footing	40Mpa 120mm concrete slab	Cast in place
Embedment	100mm minimum	300mm minimum
Edge Distance	200mm to post hole	N/A

GLASS FENCE SPIGOT SPACING CHART EXAMPLES

Refer to your glass supplier for suggested specifications on other panel sizes.

Glass Panel Size	Edge of Glass to Post Centres
1300 X 1200mm	150mm
1200 X 1200mm	150mm
1100 X 1200mm	150mm
1000 X 1200mm	150mm
900 X 1200mm	150mm
800 X 1200mm	150mm
700 X 1200mm	150mm
600 X 1200mm	150mm
500 x 1200mm	50mm
400 x 1200mm	50mm
300 x 1200mm	50mm

Measurement is to centre of post.

IMPORTANT INFORMATION WHEN WORKING WITH TOUGHENED GLASS

- ALWAYS** Inspect each glass panel for damage prior to installing.
- DO NOT** rest or place the glass panels on hard surfaces, such as tiles, concrete, other glass panels and metal surfaces.
- DO NOT** attempt to cut, drill or grind the glass panel in any way.
- DO NOT** use abrasive cleaners or powders to clean the glass panels.
- DO NOT** use any acidic or caustic silicone or chemicals on any part of the fencing assembly.
- DO NOT** impact or scratch the glass panels with any sharp metallic object.
- DO NOT** knock one glass panel against another glass panel. Take special care to avoid any impact during the installation.
- DO NOT** install the glass panels by yourself. We recommend a minimum of two people to lift the glass as the panels are heavy and doing so may result in injury.
- DO NOT** rest the edge of the panel directly on any hard surfaces during installation. Always cushion the edges with cardboard, soft timber or rubber mat.

If you have any further concerns or questions,
please contact us on 07 3283 1196 or www.buildtuff.com.au



When handling glass always wear appropriate personal protective equipment for protection in the unlikely event of glass breakage. Two person lift required when lifting glass or heavy objects.



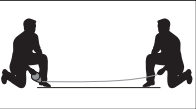
A product of
Venlo Investments Pty Ltd
07 3184 4000 info@venlo.com.au
PO Box 73, Margate Beach, QLD 4019
venlo.com.au



INSTALLATION GUIDE

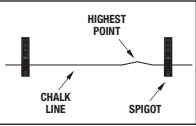
CONCRETE SLAB INSTALLATION GUIDE

STEP 1



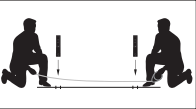
Set your fence perimeter using a chalk line. This will be the centre line of your fence.

STEP 2



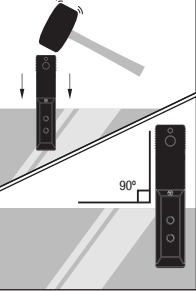
Find the highest ground point of your area. This is where your minimum fence height of 1200mm must be taken from.

STEP 3



Using the post spacing chart (on reverse) determine the location of the spigot. Mark the spigot position on the chalk line remembering to allow for spacing between the glass panels, panel gaps must not exceed 100mm.

STEP 4

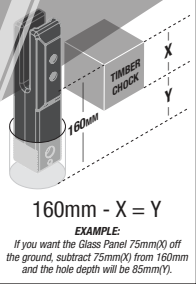


Turn the glass panel upside down on a soft/protective surface and using a rubber mallet, gently tap the spigot into the glass panel. Ensure when tapping on the spigot to exercise control and only strike on the base from a direct angle and not from the side.

Once positioned check all measurements are correct and ensure the spigot is installed on a 90 degree angle.

NOTE: If you are having trouble sliding the glass into the post, spray a water and detergent mix between the spigot and glass.

STEP 5

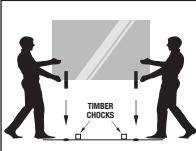


Core drill the holes using a minimum 76mmØ core drill bit making the hole depth base a minimum of 160mm from the bottom of the glass panel. Carefully remove the core debris and excess water ensuring that the core hole is dry.

To calculate the hole depth, decide on how high you would like the Glass Panel off the ground (check with your local council and state regulations), then subtract that figure from 160mm. This will give you the recommended hole depth, this figure also allows for a 20mm channel to be created underneath the Spigot that will fill with Grout to create more structural support.

EXAMPLE:
If you want the Glass Panel 75mm(X) off the ground, subtract 75mm(X) from 160mm and the hole depth will be 85mm(Y).

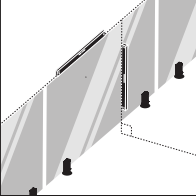
STEP 6



Using two people lift the glass panel and lower in to the core drilled holes. The bottom of the glass should rest on timber blocks cut at the desired height. Ensure gaps below panels do not exceed 100mm

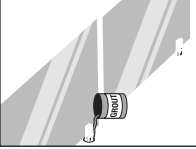


STEP 7



Level the glass panels both horizontally and vertically and allow to rest in the core drilled holes. Place your next piece of glass into core drilled holes making sure that the gap between panels doesn't exceed 100mm. Ensure all panels of glass are perfectly aligned and that the top of every panel is a minimum of 1200mm from ground level. Repeat this along the distance of your fence.

STEP 8



Now that your fence is level and in place you are ready for grout. We recommend Non Shrink Structural Grout. Mix the grout to the manufacturer's instructions. Pour the grout into the core drilled holes letting it spread and fill the hole evenly. Continue this until all holes are filled flush with the concrete slab. Ensure all panels remain in their place and aligned. After you have finished pouring clean any excess grout off the Spigot using water and a silicone spatula. Allow 48hrs before removing bracing.

STEP 9

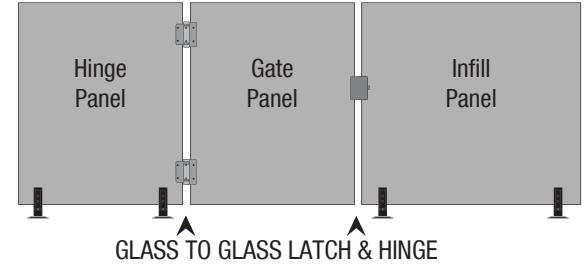


Slide the Dress Plate around the base, and snap on the final piece. Should the Dress Plate require fixing to the ground, we recommend applying silicone liberally underneath the Dress Plate.

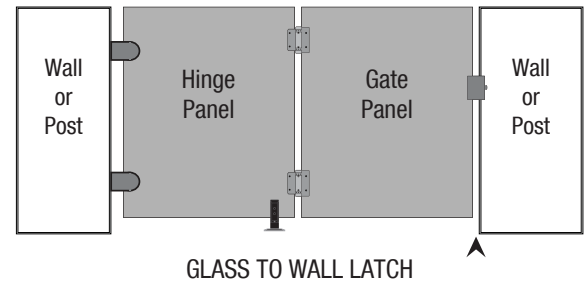
GATE INSTALLATION

Refer to gate manufacturer for hinge and latch gap specifications.

Gate Installation – Glass to Glass



Gate Installation – Wall Latch



Gate Installation – Wall Hinge

