



AUSTRALIS

50MM ALUMINIUM MODULAR SYSTEM



DIY GUIDE

SITE MEASURE

Planning is the first step of any successful project. We have a large range of sizes to allow for varying site requirements. Simply decide where you would like your pool fence to be located.

Below are some great tips on measuring your site:

- The minimum distance from the edge of the pool to the edge of fence is 600mm or more
- Watch out for underground cables and pipes when core drilling
- Aim to use as many of the same sized panels as possible to ensure a great looking end product
- Use a steel tape measure to ensure correct measurements are taken

MATERIALS

We can supply all of the fencing and extra components required.

For a standard semi-frameless glass fence project, you will require:

- Glass panels & glass gate
- Posts, top caps, cover plates or dress rings, aluminium infill & plastic protector
- Stainless steel hinges
- Magna latch set
- P40 & Red Captive glazing rubber
- Epirez instant grout

TOOLS REQUIRED

You will require some basic tools in order to complete your semi-frameless glass fence project installation:

- Steel tape measure
- String
- Core Driller/Post hole shovel
- Cordless drill
- Spirit level
- Angle grinder/hacksaw
- Stanley knife
- Screwdriver
- Soapy water

LOCATION

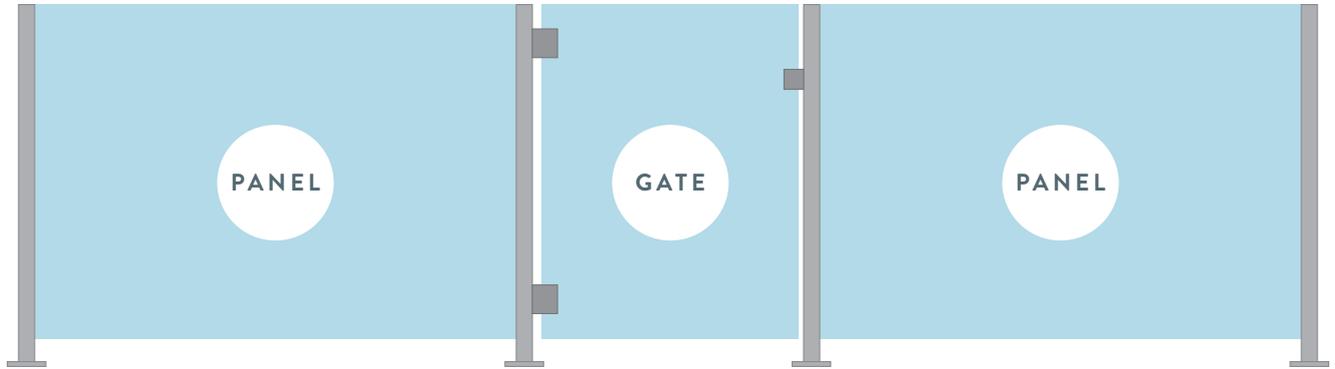
RING BEFORE YOU BEGIN!

Simply consult your local council before installing a pool fence to ensure compliance with any local by-laws. Council regulations vary from region to region and your local council can help with decisions on distances and heights of fences from neighbours and pavements. Mandatory safety regulations need to be strictly adhered to.

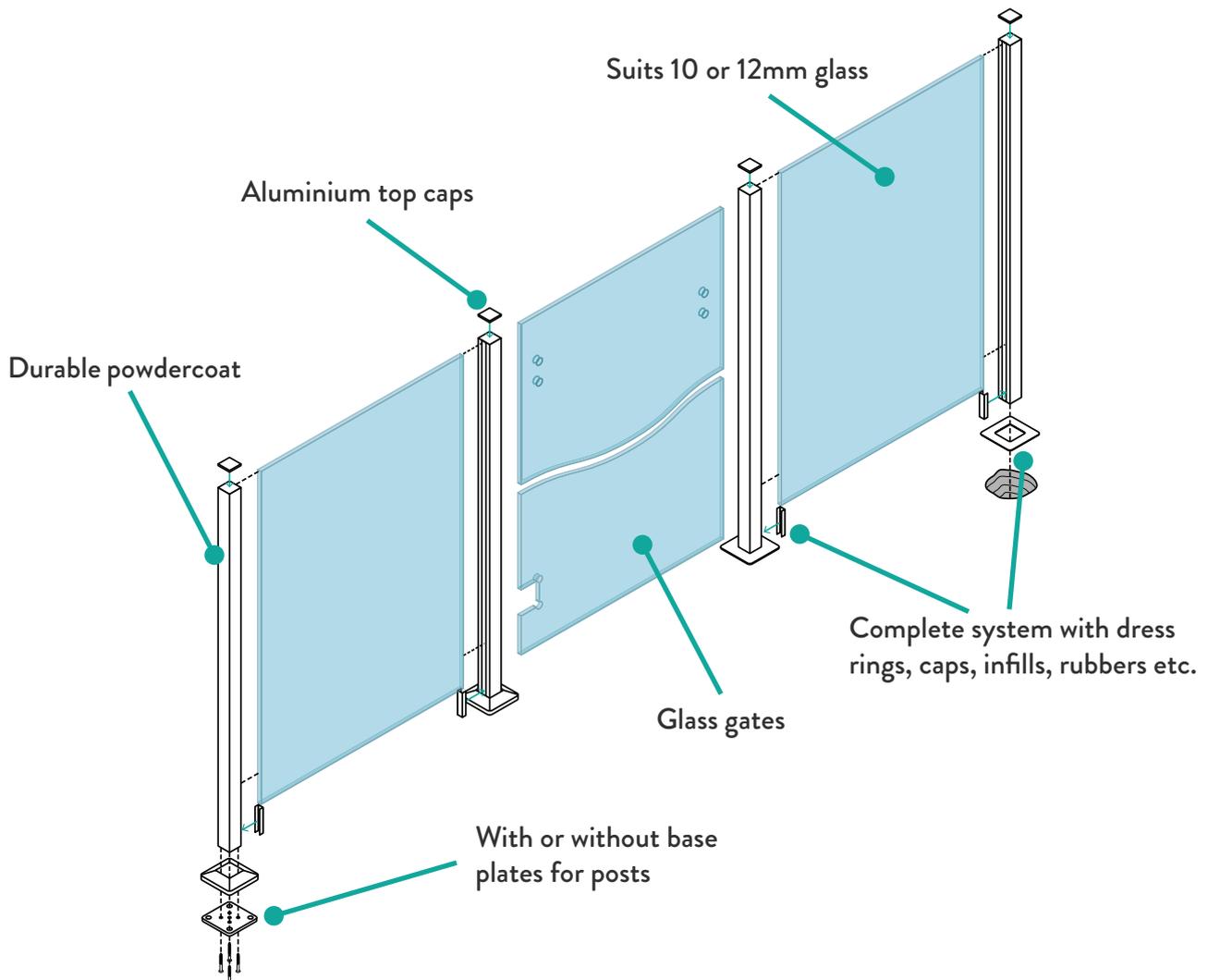


A | DIY GUIDE

TYPICAL GATE & PANEL SET UP



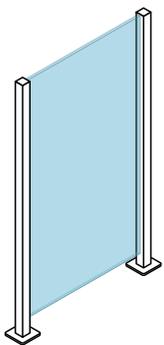
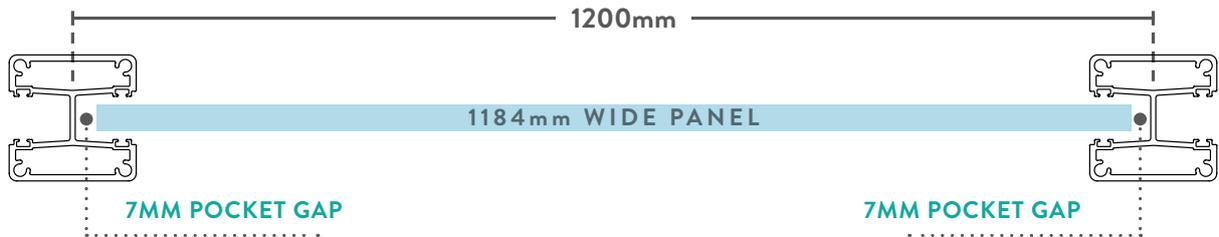
SYSTEM ADVANTAGES



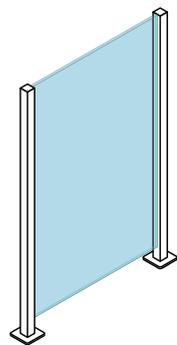
GLASS PANELS

IMPORTANT NOTE

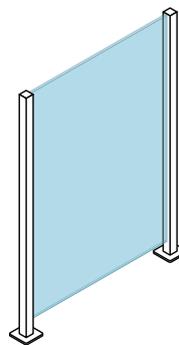
Overall width measurements are always calculated from centre of post to centre of post
 an 1184mm wide glass panel measures 1200mm from centre of post to centre of post



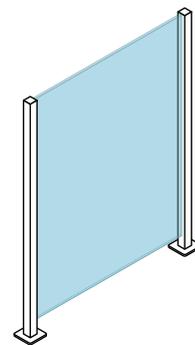
Overall Width:
400mm
Glass Width:
384mm
Glass Thickness:
10mm



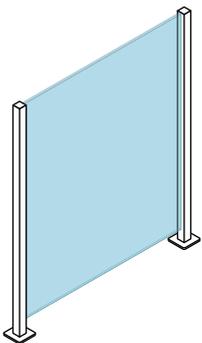
Overall Width:
500mm
Glass Width:
484mm
Glass Thickness:
10mm



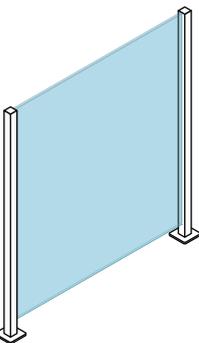
Overall Width:
600mm
Glass Width:
584mm
Glass Thickness:
10mm



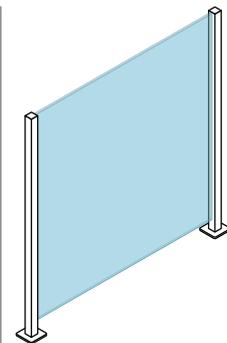
Overall Width:
700mm
Glass Width:
684mm
Glass Thickness:
10mm



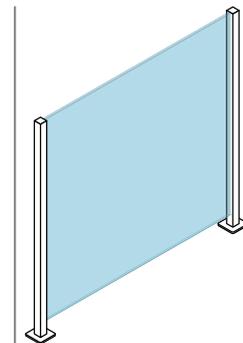
Overall Width:
800mm
Glass Width:
784mm
Glass Thickness:
10mm



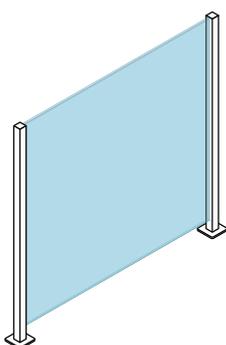
Overall Width:
900mm
Glass Width:
884mm
Glass Thickness:
10mm



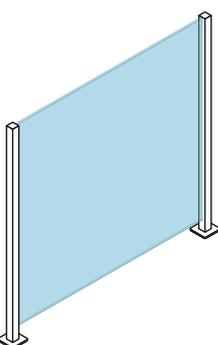
Overall Width:
1000mm
Glass Width:
984mm
Glass Thickness:
10mm



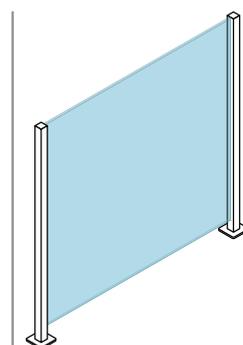
Overall Width:
1100mm
Glass Width:
1084mm
Glass Thickness:
10mm



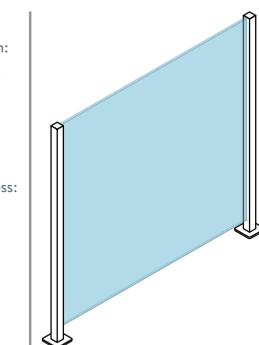
Overall Width:
1200mm
Glass Width:
1184mm
Glass Thickness:
10mm



Overall Width:
1250mm
Glass Width:
1234mm
Glass Thickness:
10mm



Overall Width:
1300mm
Glass Width:
1284mm
Glass Thickness:
10mm



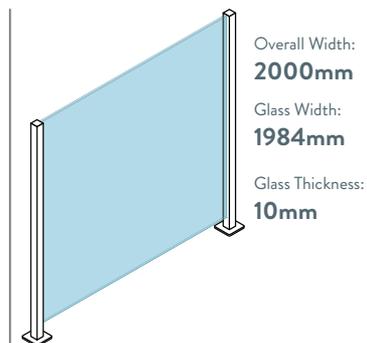
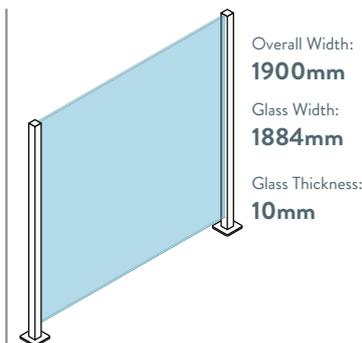
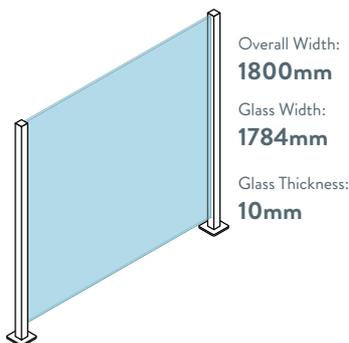
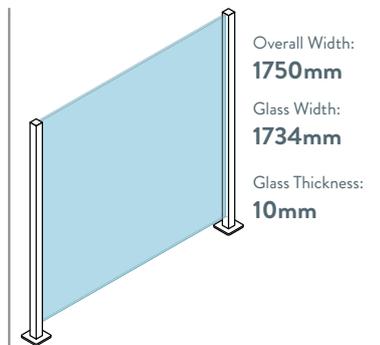
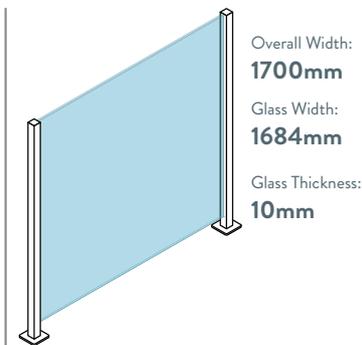
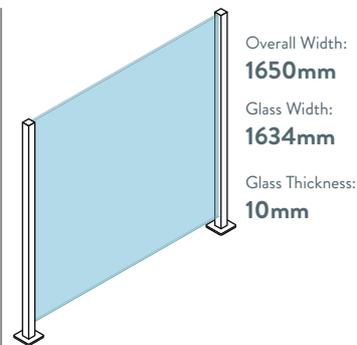
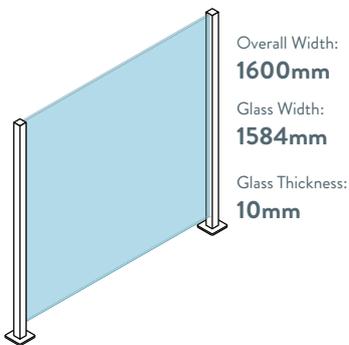
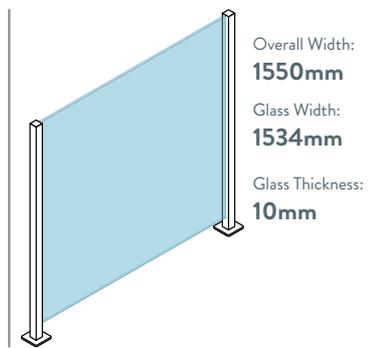
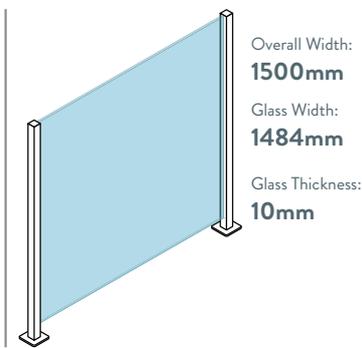
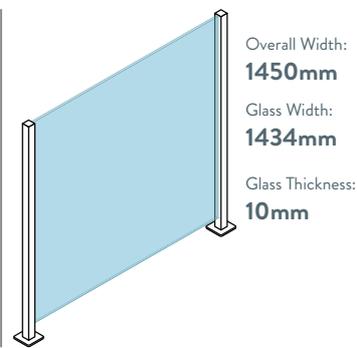
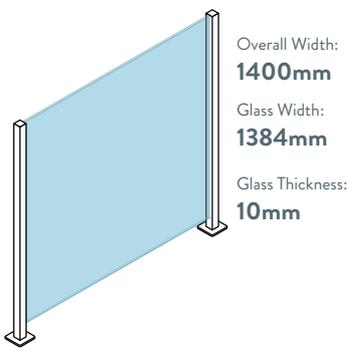
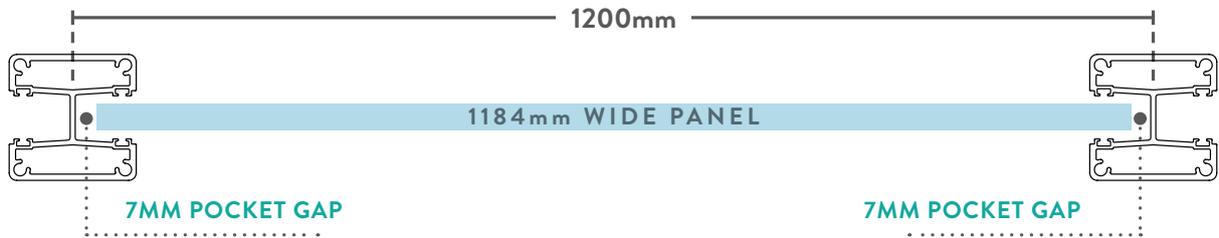
Overall Width:
1350mm
Glass Width:
1334mm
Glass Thickness:
10mm

OVERALL WIDTH = CENTRE OF POST TO CENTRE OF POST

GLASS PANELS

IMPORTANT NOTE

Overall width measurements are always calculated from centre of post to centre of post



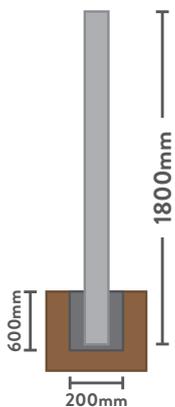
OVERALL WIDTH = CENTRE OF POST TO CENTRE OF POST

MARK & DIG POST HOLES

Once you have decided on the location of your fence, follow these simple steps:

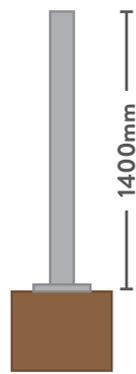
1. Set up a level string line on the proposed fence line keeping it as close to the ground as is practical (approx. 30-90mm from the ground). This will be where the bottom of your glass panels will finish. The gap between the bottom of the glass panels and ground level must be no greater than 100mm
2. Mark out post hole centres along the string line
3. Posts can be installed in 3 ways: Base plated, In ground, or Core drilled

POST INSTALL OPTIONS



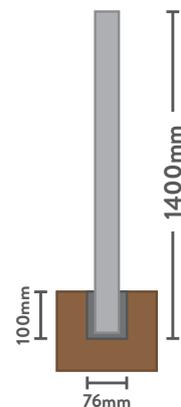
1. IN GROUND

Install posts "In ground" by inserting 1800mm posts into post hole (min. 600mm deep) *Inserting post into ground without concrete footing is not recommended*



2. BASE PLATED

Bolt 1400mm base plated post to fixing surface. Drill 4x 14mm holes and fix securely with epoxy, chemset or dynabolts. Bolting base plated posts to timber decking is not recommended unless suitable substrate is in place



3. CORE DRILLED

Using a 76mm core drilling machine, create a 100mm deep hole in the concrete and/or coping around the pool then insert 1400mm posts into holes

FENCE LAYOUT EXAMPLES

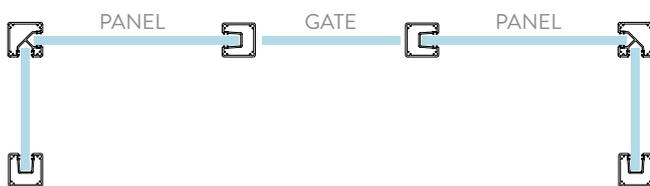
1. STRAIGHT RUN



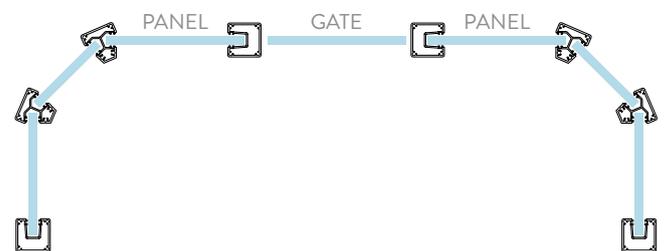
2. BETWEEN WALLS/POSTS



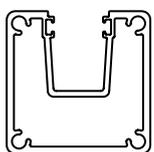
3. USING 90° CORNERS



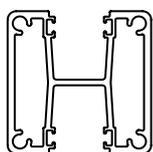
4. USING 135° CORNERS



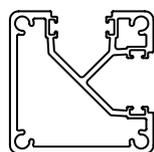
POST PROFILES / 50x50mm Square



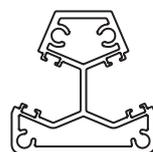
ONE WAY POST



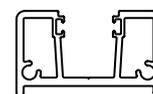
TWO WAY POST



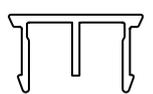
90° POST



135° POST



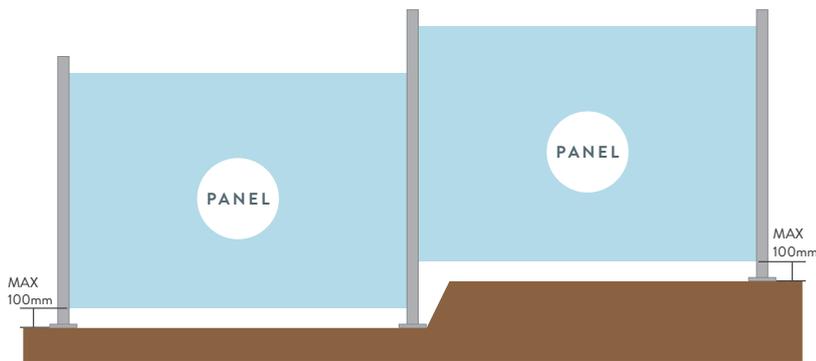
HALF POST



INFILL

Please note: All posts apart from half post & infill are available with base plates

SLOPING GROUND



To comply with pool fencing regulations and maintain the minimum fence height of 1200mm and the maximum gap allowance under the fence of 100mm, step ups or step downs can be overcome by using our 1800mm posts

INSTALLING IN GROUND/BASE PLATED POSTS

Once you have decided on the location of your fence, follow these simple steps on installing posts:

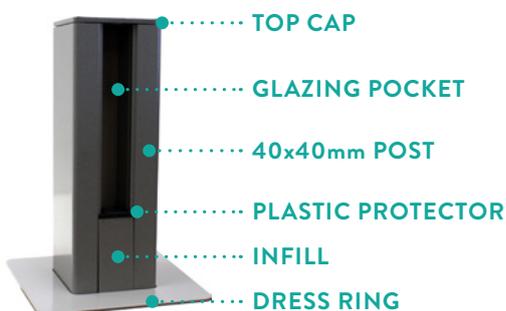
1. Identify the string line level against the posts. Measure up 1210mm up from that string line level & mark that point on the post (Allow an extra 10mm above the 1200mm high glass for the top cap to sit on top of the post). If required, trim post to that mark
2. Double check that the post centres are 100% correct and ensure the posts are plumb
3. Pour grout into post hole and ensure the posts remain level and plumb (Insert wooden chocks into post holes before pouring grout to assist with keeping posts level)
4. Remove any excess grout/dirt with a damp sponge prior to grout setting
5. Follow setting time directions on grout packaging before installing glass panels

INSTALLING GLASS PANELS

Once your posts are installed, follow these simple steps on installing your glass panels:

1. Using your string line as a guide, snap in the aluminium infill at the correct height ensuring that the infill rests on the hardened grout or floor. You will need to use a hacksaw or similar to cut infill to the correct size. Place the plastic protector on top of the infill. Glass will sit on the plastic protector. Refer to diagrams below
2. Insert the glass into the posts and insert appropriate glazing rubbers on both sides of the glass
Insert the "red" rubber by sliding down into the pocket cavity. The opposite side rubber is pushed in once glass panel is put into place
3. Trim excess glazing rubber with a stanley knife

POST DETAILS



GLAZING RUBBER



TIP: Use soapy water to make installation of push in glazing rubber easier

INSTALLING GLASS GATES

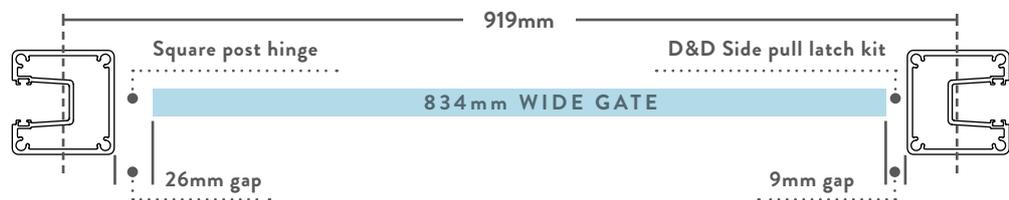
Once your glass panels are installed, follow these simple steps on installing your glass gate:

1. Take the stainless steel hinges and with the tension rod, un-tension the hinges. Affix the hinges to your glass gate. Ensure that the hinge is affixed so the gate can open **AWAY** from the pool
2. Affix the hinges (with gate) to the hinge post ensuring it is level with the other glass panels and string line
3. Affix the side pull latch kit to the latch side of the gate. Read the manufacturers installation instructions supplied with the latch kit
3. Re-tension hinges using the tension rod. Double check the gate self closes from a variety of positions

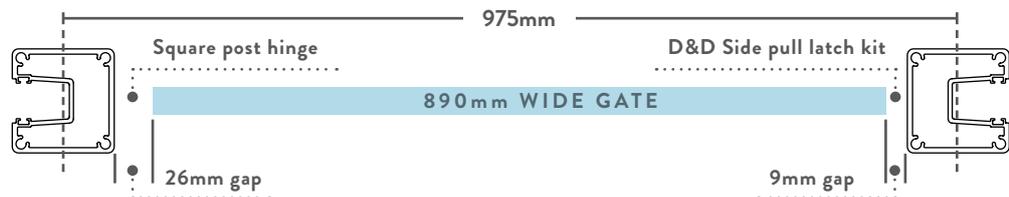
GATE SPACINGS

Please ensure that posts are spaced appropriately according to the diagrams below:

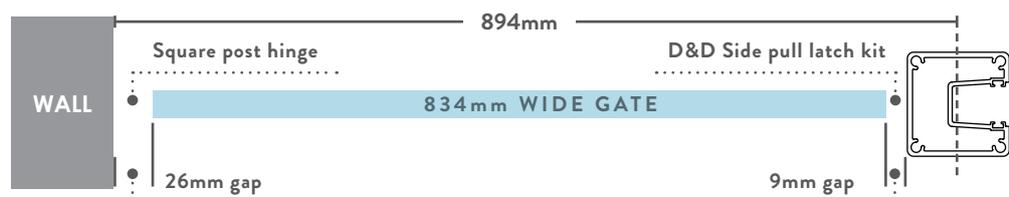
Post to post
834mm gate



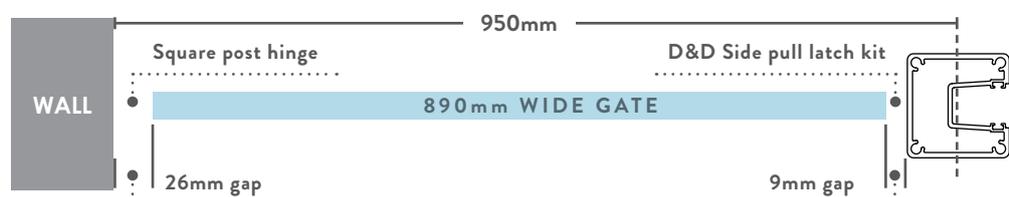
Post to post
890mm gate



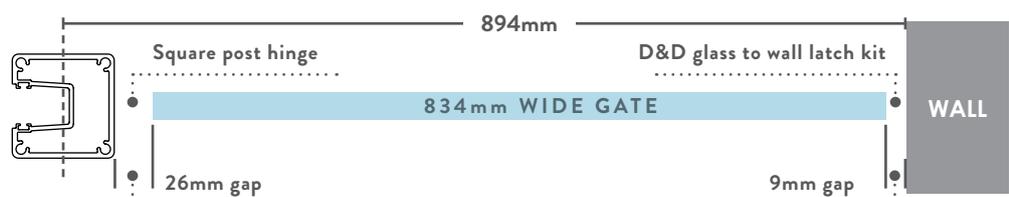
Wall to post
834mm gate



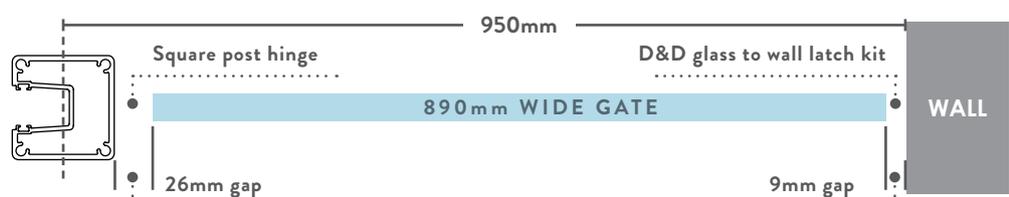
Wall to post
890mm gate



Post to wall
834mm gate



Post to wall
890mm gate



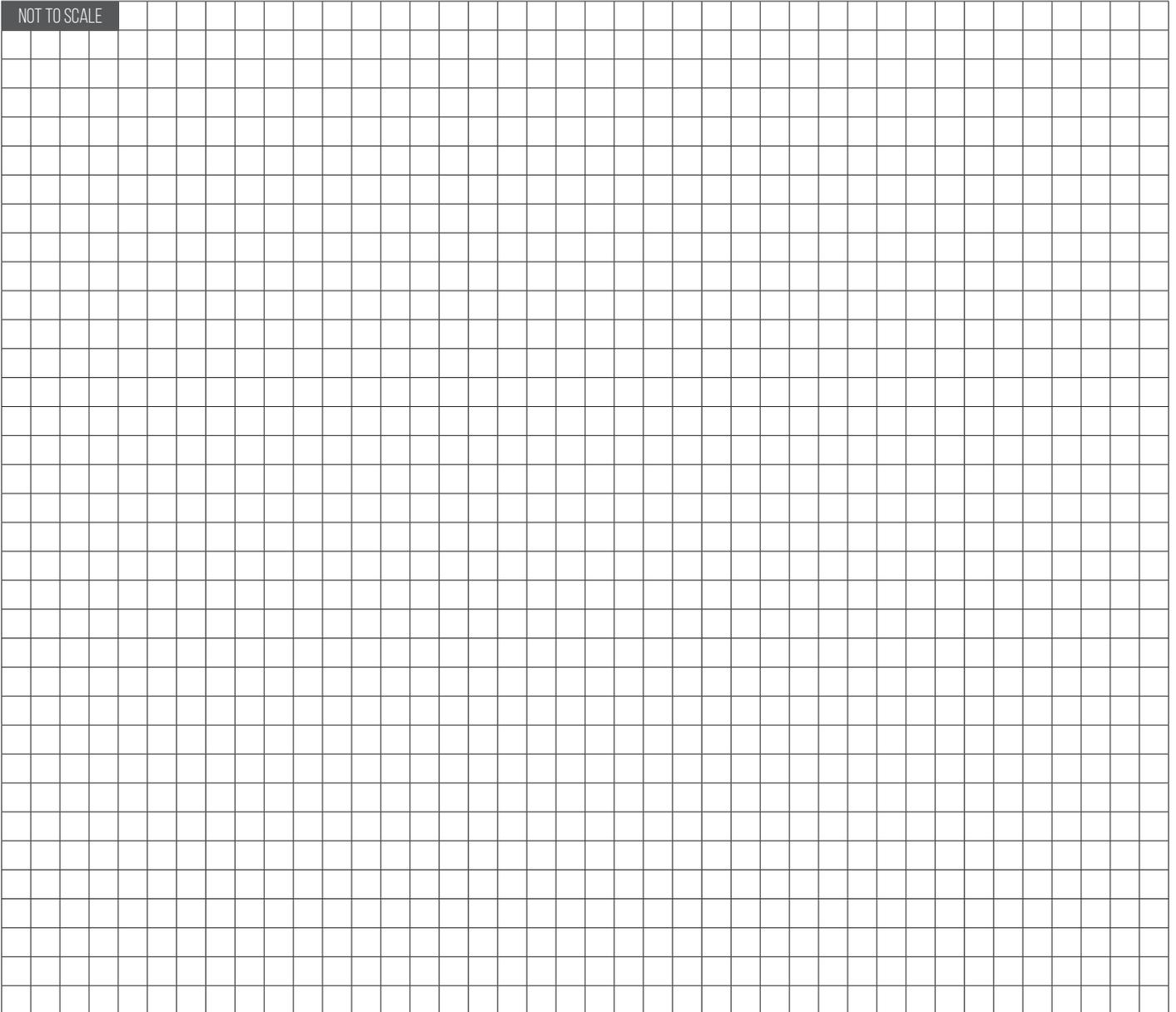
FINISHING TOUCHES

Just a few more things to put the finishing touches on your new semi-frameless glass pool fence:

1. Press in the top caps on the posts to finish the look (Posts come with caps pre-inserted but you can remove and re-insert if cutting down posts)
2. Wipe down the glass panels with soapy water to ensure they are clean from any dirt or residue
3. Remove any excess dirt and tools from site and enjoy your pool safely with your new glass fence!



NOT TO SCALE

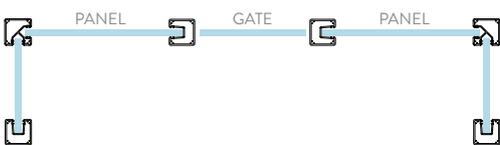


FENCE LAYOUTS

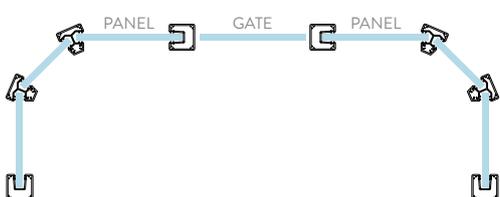
1. STRAIGHT RUN



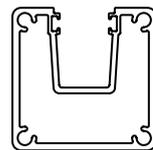
2. USING 90° CORNERS



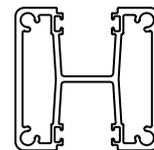
3. USING 135° CORNERS



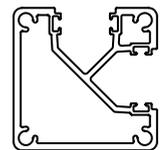
POST PROFILES



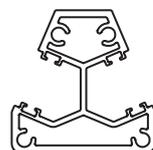
ONE WAY POST



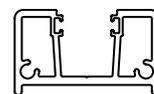
TWO WAY POST



90° POST



135° POST



HALF POST