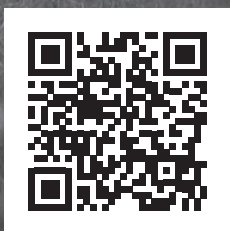


QUICKBUILT
FENCE SYSTEMS®

WWW.QUICKBUILTSYSTEMS.COM.AU



SLENDERLINE
MODULAR ACOUSTIC FENCING

ALUMINIUM POST INSTALLATION GUIDE

THE QUICKBUILT SLENDERLINE FENCE SYSTEM IS A SMARTLY DESIGNED MODULAR SYSTEM EASY & FAST TO INSTALL AND COST EFFECTIVE.

// THE QUICKBUILT FENCE SYSTEM HAS BEEN DESIGNED BY OUR TEAM OF BUILDERS AND TRADIES WITH THE DIY MARKET IN MIND. IT HAS BEEN DESIGNED IN A MANNER THAT GIVES AN OUTSTANDING RESULT BUT IS SIMPLE TO INSTALL.

// INSTALLATION OF THE QUICKBUILT SYSTEM IS SUMMARIZED IN 7 SIMPLE STEPS.

// IT IS RECOMMENDED THAT YOU READ THIS GUIDE CAREFULLY PRIOR TO COMMENCING INSTALLATION AND IF YOU HAVE ANY QUESTIONS PLEASE CONTACT OUR HELP LINE ON 1300 132 787.

// THE TOOLS REQUIRED TO INSTALL YOUR NEW QUICKBUILT FENCE ARE:



Hex Driver Bit



Drill / Driver



Angle Grinder



Square



Spirit Level



Shovel



Line Marking
Paint



String Line



Caulking Gun



Post Hole
Digger



Tape Measure



Circular Saw
with Timber
Blade

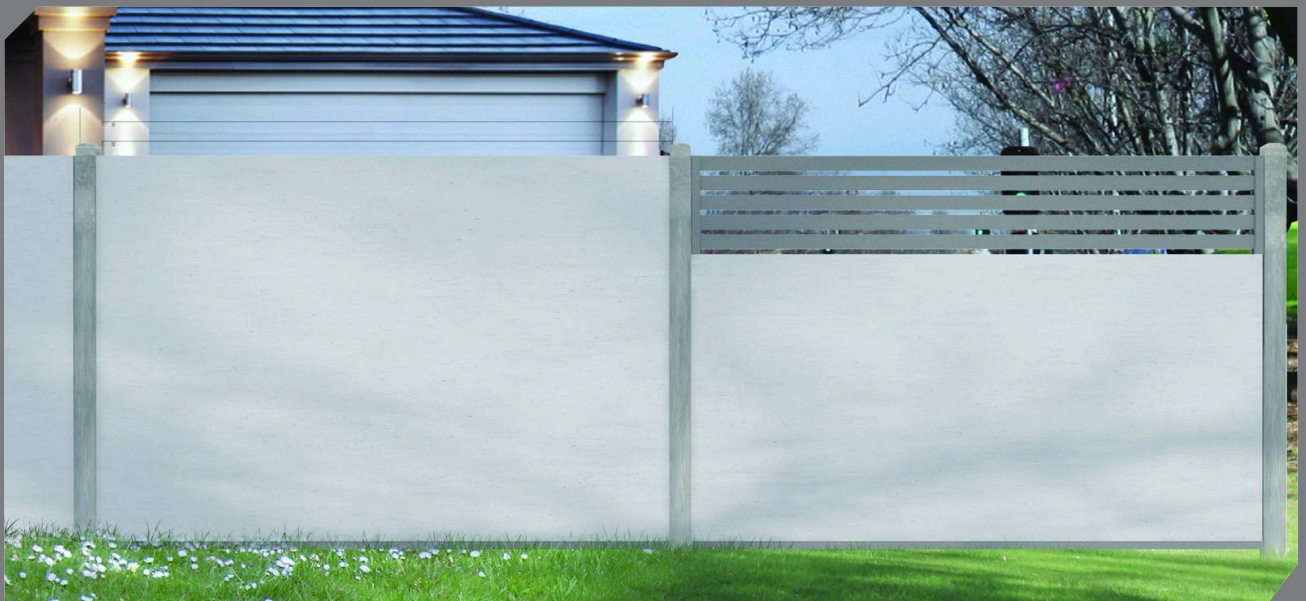
THE SLENDERLINE MODULAR FENCE SYSTEM IS CONSTRUCTED USING OUR UNIQUE ACOUSTIC WALL PANEL SYSTEM AND EASY TO USE ALUMINIUM POST SYSTEM, SAVING TIME, MONEY AND PROVIDING A GREAT LOOKING, DURABLE ACOUSTIC FENCE.

// The acoustic wall panel results in a self supporting but lightweight panel that is light enough for 2 people to lift and carry yet strong enough to be self-supporting and not bend or sag.

// When 2 panels of our system are joined, and painted the appearance is the same as a rendered masonry finish yet our system can be installed in a fraction of the time of masonry and a fraction of the cost, eliminating the need for expensive footings.

// Our Aluminium Posts are a smart design enabling simple installation of your modular fence. The Aluminium Posts and joiners simply click together eliminating the need for mechanical fixings.

// The Quickbuilt Modular Fence Systems typically reduce noise by up to 20+ dB which is approximately 4 x noise reduction.



FENCE COMPONENTS

// THE FOLLOWING DIAGRAMS ILLUSTRATE THE VARIOUS COMPONENTS REQUIRED TO CONSTRUCT A QUICKBUILT FENCE.



FOOTING DEPTH CHART

// THIS CHART HELPS DETERMINE THE CORRECT HOLE DEPTH AND DIAMETER FOR THE POST INSTALLATION ACCORDING TO THE SOIL CONDITIONS AND THE DESIRED FENCE HEIGHT.

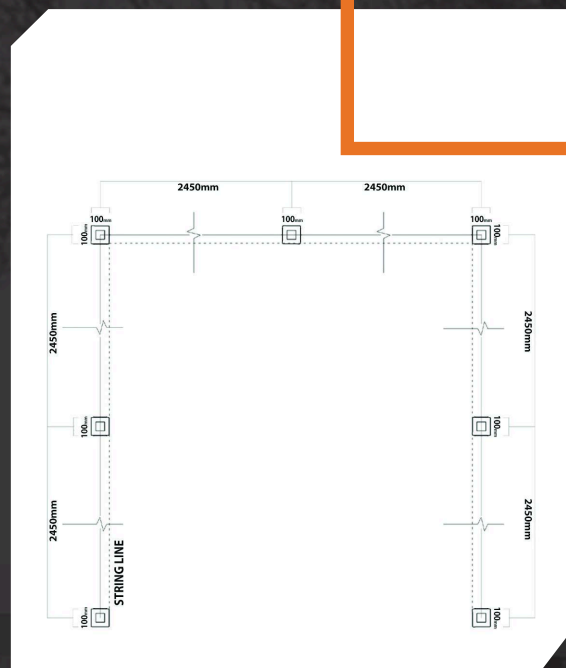
| WALL HEIGHT (MM) | HOLE DEPTH INTO FIRM EARTH OR CLAY (MM) | | HOLE DEPTH INTO SAND, SOFT CLAY OR LOOSE EARTH (MM) | | HOLE DIAMETER (MM) |
|------------------|---|---------------------------------------|---|---------------------------------------|--------------------|
| | Wind Regions A&B Terrain Categories 2.5 & 3 | Approx. concrete required (20kg bags) | Wind Regions A&B Terrain Categories 2.5 & 3 | Approx. concrete required (20kg bags) | |
| 900 | 450 | 1.5per hole | 550 | 1.5per hole | 250 |
| 1200 | 550 | 2 per hole | 650 | 2 per hole | 250 |
| 1500 | 600 | 2 per hole | 700 | 2.5 per hole | 250 |
| 1800 | 650 | 2 per hole | 800 | 3 per hole | 250 |
| 2100 | 700 | 2.5 per hole | 900 | 2.5 per hole | 250 |

STEP 1 – MEASURE THE SITE & PLOT POSTS POSITIONS & TYPES

// Measure out the site for the fence carefully and mark out the boundary of your property and the centres of the posts. Posts are placed at centres of 2450mm to match the length of each fence panel.

On a piece of paper draw up the site and plot the positions of each post which will assist in determining the number of each type of post required.

Use a string line to align posts and ensure posts are squared when installed.



STEP 2 – MAKE POSTS INCLUDING BASE BRACKETS

// Attach the support bracket onto the post with hex head screws.

The measurement from the top of the post to the support bracket should match your fence height plus 5mm to ensure a neat flush finish.

EXAMPLE: For an 1800mm High Fence the measurement from the top of the support bracket to the top of the Post should be 1805mm.



STEP 3 – POST INSTALLATION

// It is critical that the posts are installed vertically and at the correct distance apart due to the nature of the panel sliding over the channel that is fixed to the post – therefore it is VERY important this step is done carefully.

Each post needs to be installed into a concrete footing and checked for alignment with the next post in both directions and for vertical on the side and front/back planes.

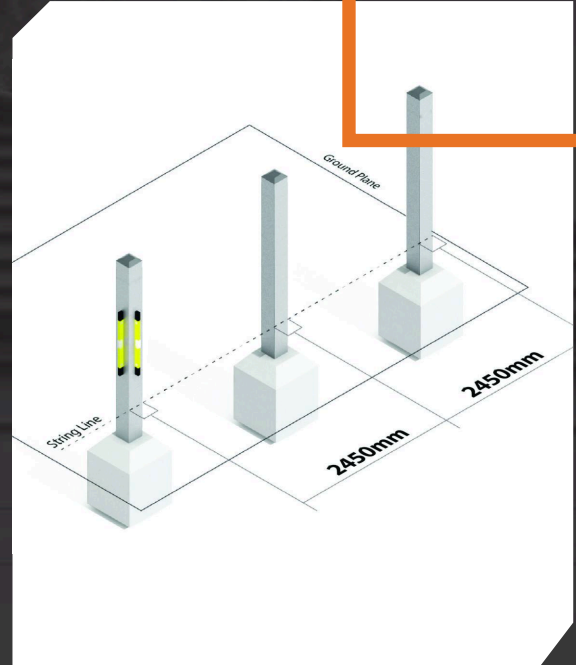
Ensure the Support Bracket is installed at ground level so the fence sits flush with the ground*.

Use the string line to align posts and ensure posts are squared when installed.

Ensure Post Spacings are correctly set at 2450mm to centre of each post**.

***Note for sloping sites post height and mounting bracket installation will vary depending on the degree of slope.**

****Note for 2700mm Panels Spacing should be 2750mm.**



STEP 4 – PANEL & CAPPING INSTALLATION

// Insert the bottom Panel Channel onto the bottom Fence Panel.

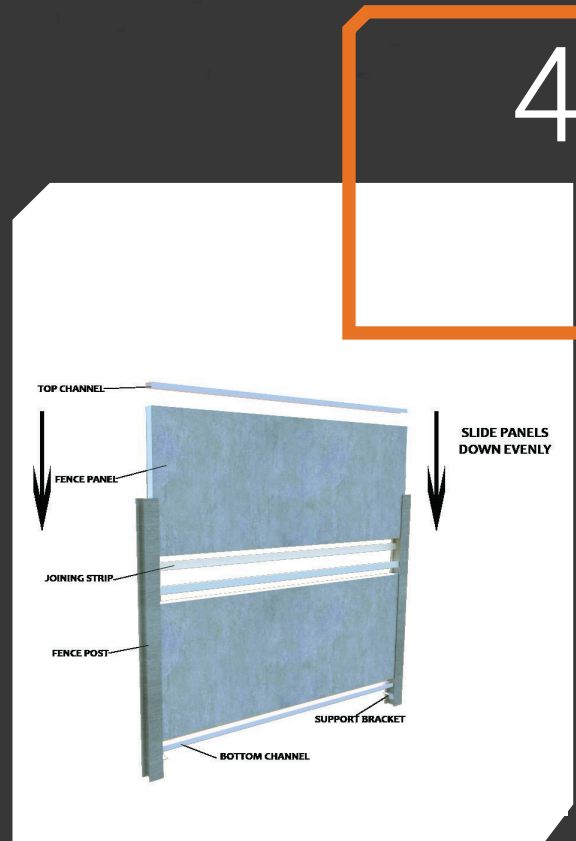
Apply Liquid Nails Fast Grab (or equivalent) every 250mm along the internal corners of the Panel Channel.

Then carefully slide the Fence Panel between each post until the panel and channel sits onto the Support Brackets.

When a panel is required to be cut to match the size of your block, use a circular saw with a timber blade. Generally you must cut through one face of the panel then turn the panel over and cut through the other face. This is due to most saw blades not being deep enough to cut through the entire panel at one time.

The panel should be cut 10mm shorter than the distance between the posts to allow for easier installation.

Ensure that you wear the appropriate safety equipment whilst cutting panels. Dust mask, protective eyewear and hearing protection.



STEP 5 – CORNER POSTS

// To create a 90° corner post, install the 90° profile over the face of the mid post for the new run, and insert a post infill over the exposed recess of the corner post. - **note this will affect your typical post centre measurement.**

To create a 45° corner post, install two 90° profiles around a 45° profile to form a completed post.

Note once assembled, secure profiles to each other with supplied tek screws.



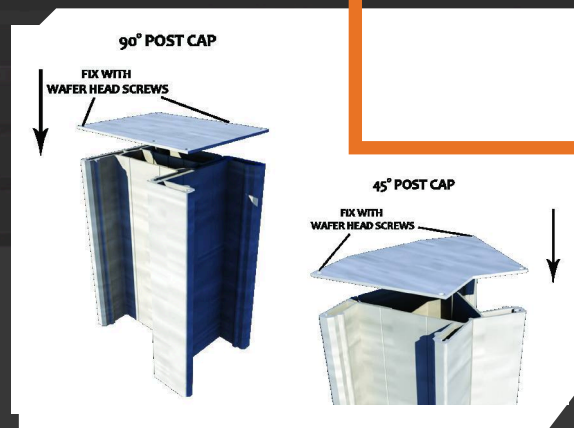
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STEP 6 – POST CAPS & INFILLS

// Repeat with the second fence panel if your fence consists of 2 panels high, using the plastic panel joining strips supplied for joining the panels.

Place the top Panel Channel on the top of the Fence Panel over the entire length of the panel. Apply Liquid Nails Fast Grab to internal corners of the Panel Channel every 250mm then gently tap the Channel onto the panel ensuring it sits neatly along the entire top edge of the panel – **note that no mechanical fixing is required.**

Place the Post Cap over the top of each post using caulking silicone to seal and fix in position.

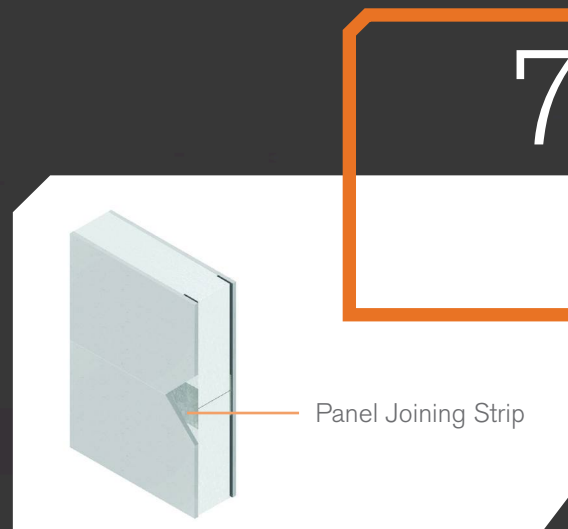


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STEP 6 – PAINTING & FINISHING

// Prepare the surface of the panels to ensure they are clean and ready to paint.

Apply your chosen exterior self priming paint such as Dulux Weather Shield or Dulux Exterior Texture Coat for a quality rendered look to your fence.



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QUICKBUILT
SYSTEMS®



// QUICKBUILT SYSTEMS IS A PROUDLY AUSTRALIAN COMPANY SPECIALIZING IN MODULAR, PREFABRICATED PANEL SYSTEMS. // WE USE A LIGHTWEIGHT PREFABRICATED PANEL SYSTEM FOR WALLS, FENCES AND CEILINGS GIVING TOTAL FLEXIBILITY TO DIY AND TRADES PEOPLE ALIKE.

QUICKBUILT
FENCE SYSTEMS®



INSULSPAN
INSULATED ROOFING PANELS



ALYSPAN
STRUCTURAL ALUMINIUM BEAM



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// DESIGNED BY THE SHAPE GROUP