

VERTICAL PALING FENCING

INSTALLATION GUIDE



VERTICAL PALING FENCING...

STYLE 1

1800mm high with
midrail centre



STYLE 2

1800mm high with
midrail 3/4 up



STYLE 3

Under 1500mm high
with no midrail



STYLE 4

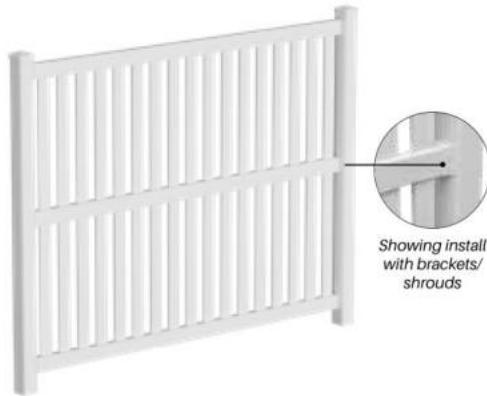
Under 1500mm high
picket with points level



STYLE 5

Under 1500mm high
pickets with points starting
higher both sides





Showing install with brackets/shrouds

FOR 1800MM HIGH INSTALLATION (MIDRAIL AT MIDPOINT)

- Suits existing routed slots in posts for bottom rail and top rail
- Requires midrail: route slots in posts OR install with shrouds

FOR INSTALLATIONS LESS THAN 1800MM HIGH

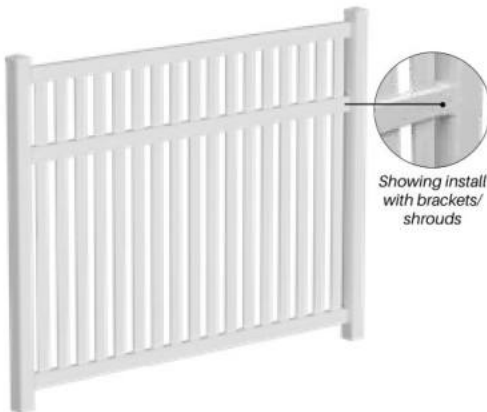
- The pre-routed post slots for top and bottom rails cannot be used with height adjusted panels.
- 2 ways for installation of height adjusted panels:

METHOD 1

- Use existing pre-routed slot for top rail.
- Route new bottom rail slot which suits new panel installation height
- For midrail, route slots at midpoint position OR use shrouds
- Cut vertical palings to required height

METHOD 2

- Use 2100mm high FULL post (with no slot holes)
- Install top, bottom and midrail using shrouds only
- Cut vertical palings to required height



Showing install with brackets/shrouds

FOR 1800MM HIGH INSTALLATION (MIDRAIL 3/4 UP)

- Suits existing routed slots in posts for bottom rail and top rail
- Requires midrail: route slots in posts OR install with shrouds

FOR INSTALLATIONS LESS THAN 1800MM HIGH

- The pre-routed post slots for top and bottom rails cannot be used with height adjusted panels.
- 2 ways for installation of height adjusted panels:

METHOD 1

- Use existing pre-routed slot for top rail.
- Route new bottom rail slot which suits new panel installation height
- For midrail, route slots at desired position OR use shrouds
- Cut vertical palings to required height

METHOD 2

- Use 2100mm high FULL post (with no slot holes)
- Install top, bottom and midrail using shrouds only
- Cut vertical palings to required height



Showing install with brackets/shrouds

FOR INSTALLATIONS UNDER 1500MM HIGH - (NO MIDRAIL)

- The pre-routed post slots for top and bottom rails cannot be used with height adjusted panels.
- 2 ways for installation of height adjusted panels:

METHOD 1

- Use existing pre-routed slot for top rail.
- Route new bottom rail slot to suit new panel installation height
- Cut vertical palings to required height

METHOD 2

- Use 2100mm high FULL post (with no slot holes)
- Install top and bottom rail using shrouds only
- Cut vertical palings to required height



PICKET TOP VERTICAL PALING FENCING

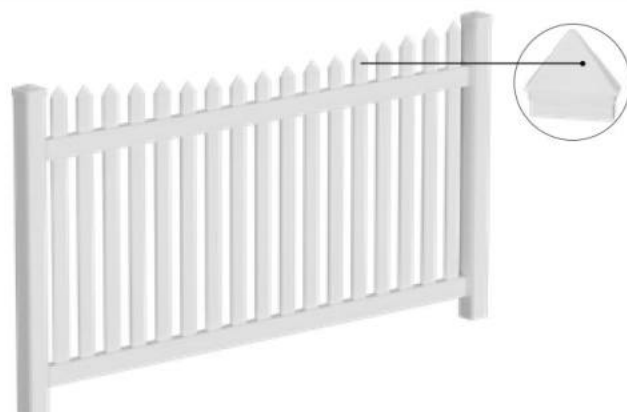
- The pre-routed post slots for top and bottom rails cannot be used with height adjusted panels.
- 2 ways for installation of height adjusted panels:

METHOD 1

- Use existing pre-routed slot at bottom of post. Adjust height from top of post cutting off existing top slot and route new slot at desired height. Discard top rail in kit. Purchase midrail and use as top rail (palings pass through)
- For routing of new top slot, use jig to route at required height
- Cut palings to required height and press in triangular pointed toppers

METHOD 2

- Use 2100mm high FULL post (with no slot holes)
- Install bottom rail and top (punched) rail using shrouds only
- Cut palings to required height and press in triangular pointed toppers



PICKET TOP VERTICAL PALING FENCING

- The pre-routed post slots for top and bottom rails cannot be used with height adjusted panels.
- 2 ways for installation of height adjusted panels:

METHOD 1

- Use existing pre-routed slot at bottom of post. Adjust height from top of post cutting off existing top slot and route new slot at desired height. Discard top rail in kit. Purchase midrail and use as top rail (palings pass through)
- For routing of new top slot, use jig to route at required height
- Cut palings to required height and press in triangular pointed toppers

METHOD 2

- Use 2100mm high FULL post (with no slot holes)
- Install bottom rail and top (punched) rail using shrouds only
- Cut palings to required height and press in triangular pointed toppers

VERTICAL PALING GATE

GATE FABRICATION OVERVIEW

FOR FULLY FRAMED GATES

Top Caps

50.8 x 88.9 Rib Rail

63.5 x 101.6 Gate Side Frame

76.2 x 22.3 Paling

Aluminium Internal Rigidity Insert

50.8 x 88.9 Rib Rail with Aluminium Insert

1205

58.5

1850

15

**midrail (sold separately) required for gate heights 1500mm up to 1850mm. Midrail is optional for gates under 1500mm high.

FOR PICKET-TOP GATE

Paling topper

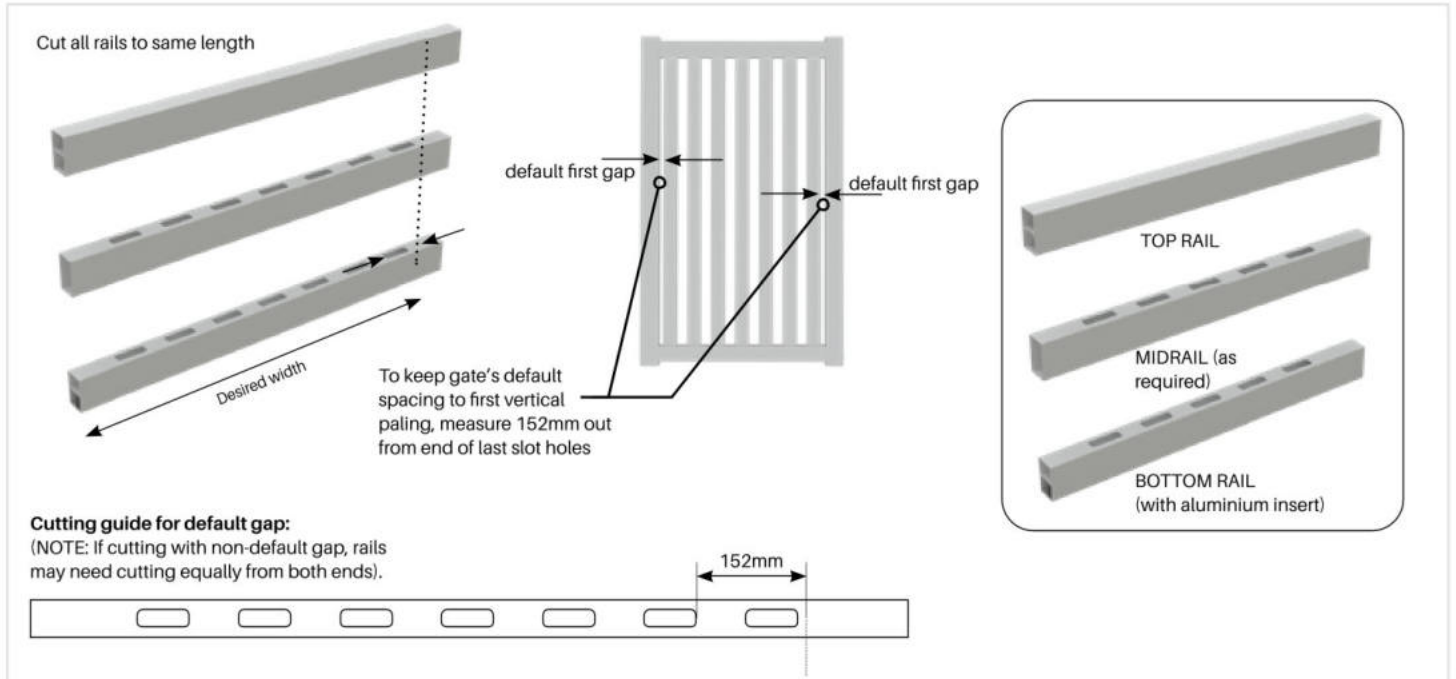
50.8 x 88.9 Midrail

*** Use a Midrail (sold separately) as a top rail and discard the Gate Top Rail supplied in the gate kit.
**** Triangular paling toppers sold separately.

VERTICAL PALING GATE

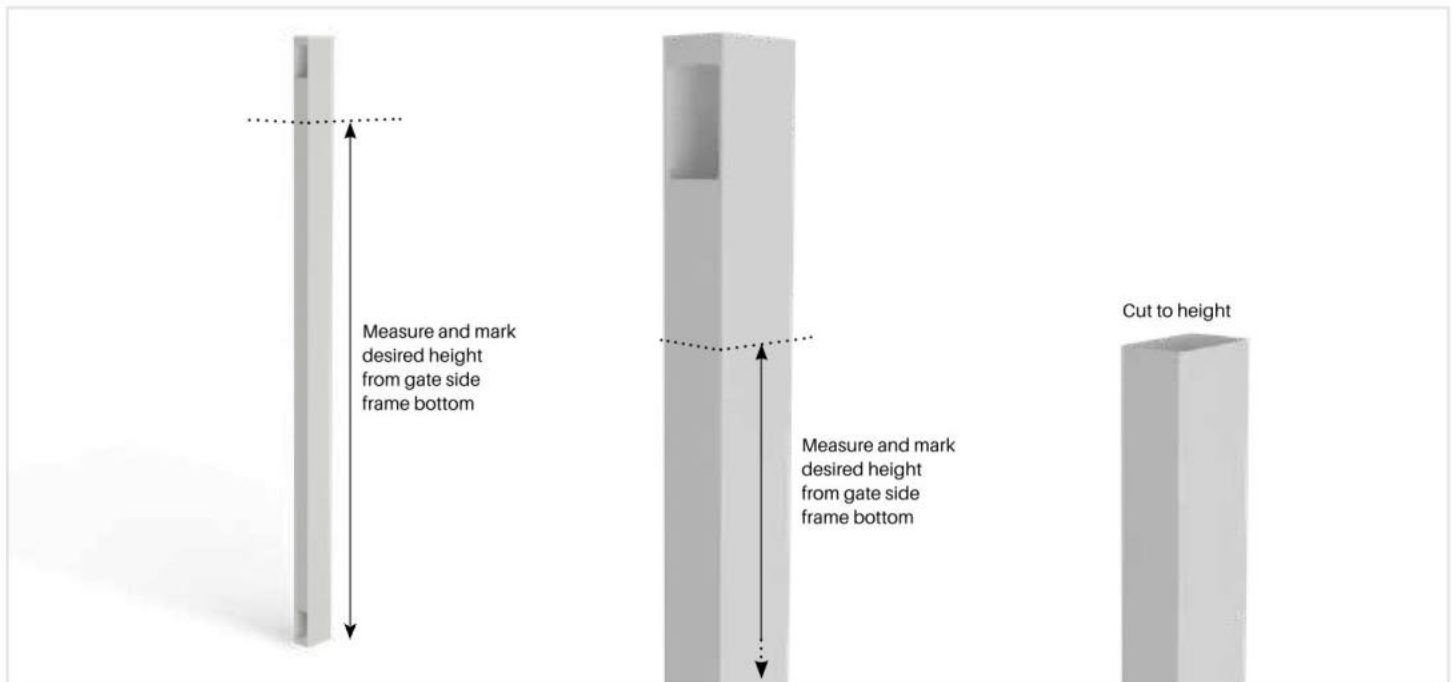
GATE FABRICATION OVERVIEW

FOR WIDTH ADJUSTMENT / MIDRAIL INCLUSION



- 1 Measure and mark out lengths required for top/bottom rails (and mid-rails if applicable), ensuring all rails will be cut to equal length. For optimal rigidity, allow for top/bottom/mid rails to insert fully into gate side frames, butting up against the aluminium internal rigidity insert. Cutting 152mm each side from slat entrance point will allow for 94mm of rail insertion and maintaining factory defined-gap between outer pickets and gate side frames. This gap can be changed as required but too small or large gaps may be aesthetically undesirable. Cut from both ends an equal amount.

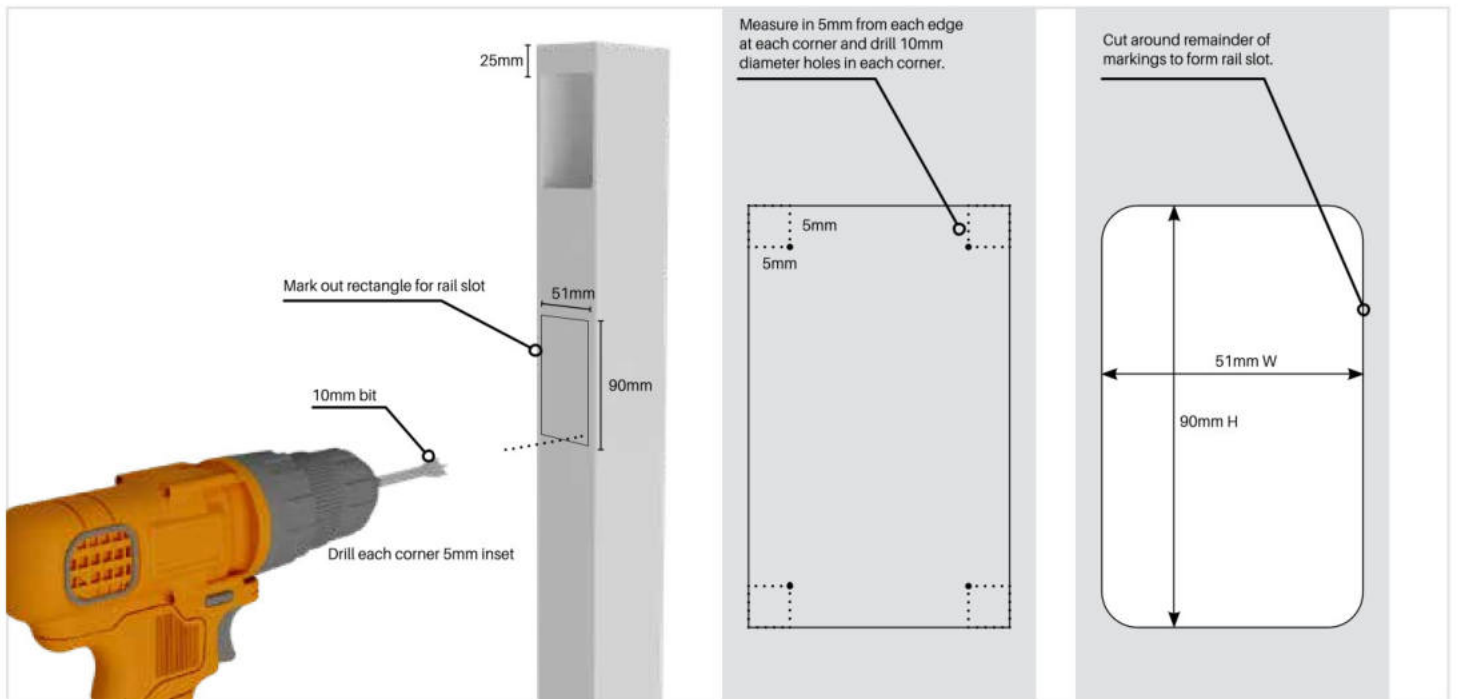
FOR MID-RAILS AND HEIGHT ADJUSTMENT - NEW SLOT HOLES REQUIRED



- 2 A new top slot is required for the gate top rail if adjusting height of gate. Use option 2a OR option 2b to create slot. Measure and mark out desired height of post. Cut to size using appropriate dropsaw or handsaw.
NOTE: Due to the existing top cut-out, heights from 1849mm - 1736mm are not possible. The maximum height adjusted gate is 1735mm.
MIDRAIL: If installing a MIDRAIL, a slot hole must be created at the desired height. Use option 2a OR option 2b to create slot.

VERTICAL PALING GATE

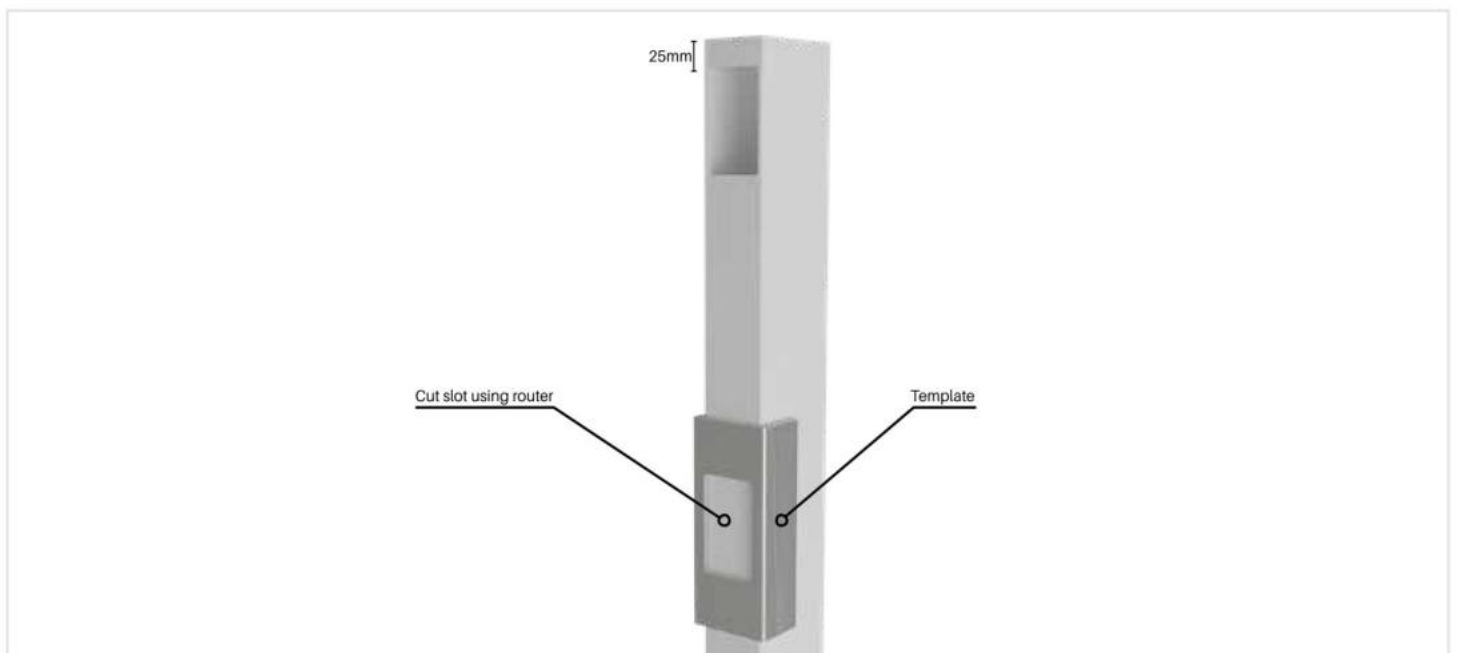
GATE FABRICATION OVERVIEW



- 2a** Adding new slot for mid-rail and/or top rail:
Method a) Measure and mark out a rectangle 90mm high by 51mm wide for mid or top rail at desired position. Measure and mark a point 5mm in from top or bottom and side in each corner. Drill out these points using a 10mm drill-bit/spade-bit/hole-saw. Cut out along internal lines using a wall-saw or jigsaw to form remainder of hole. Finish with a smooth file.

ADJUSTMENT TIPS:

- For Fully framed gates, it is recommended to position the top rail slot 25mm down from top of post.
- For Picket Top gates, position the top rail slot at desired height, using the (sold separately) Midrail as the top rail, discarding the Top Rail included in the gate kit.



- 2b** Adding new slot for mid-rail and/or top rail:
Method b) Measure and mark out the required position of mid/top rail. Position the shroud-template into position and use a router to cut the hole.
*** Jig suits a 6.35mm (1/4") trimmer with 16mm diameter guide (e.g Makita DRT50ZJX2 trimmer) ***

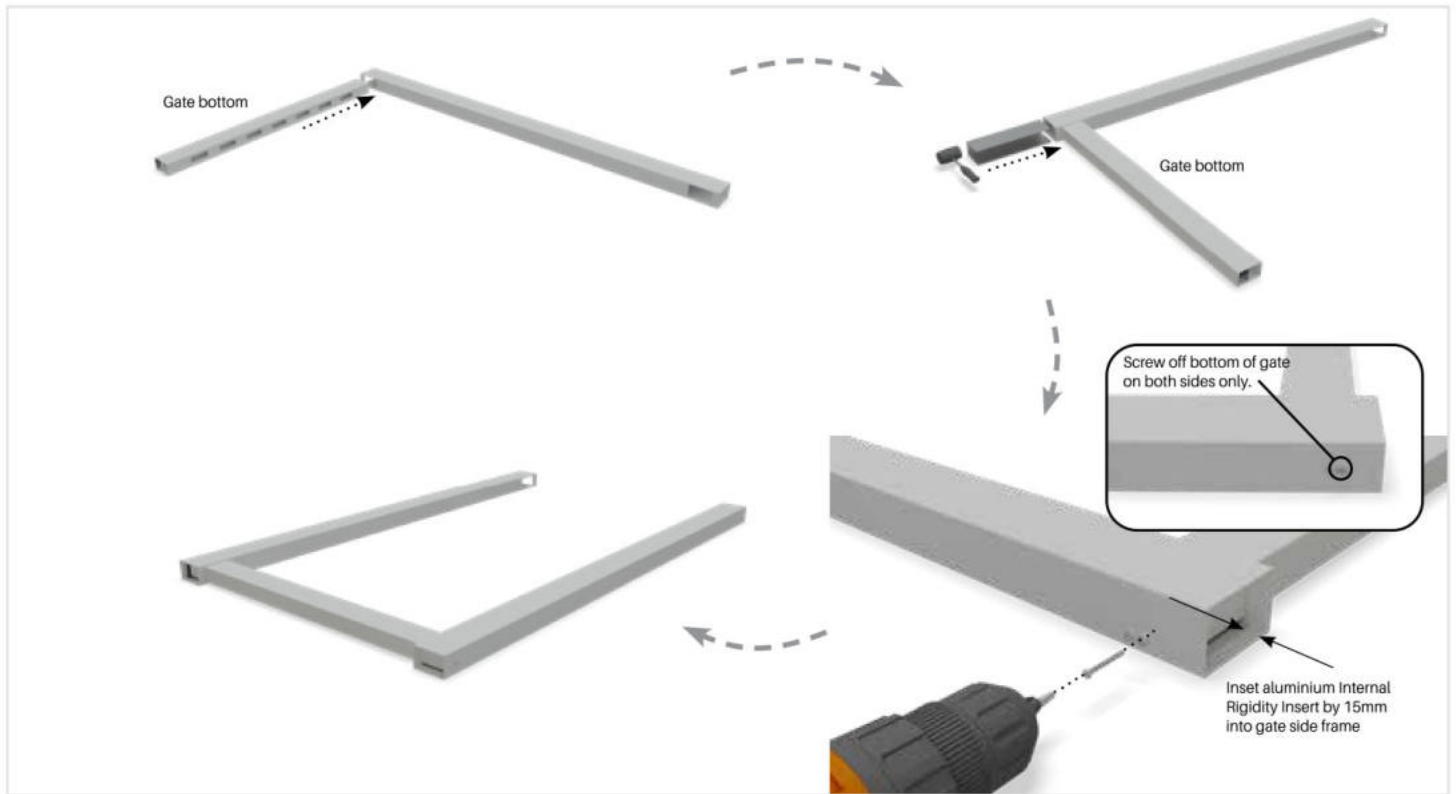
ADJUSTMENT TIPS:

- For Fully framed gates, it is recommended to position the top rail slot 25mm down from top of post.
- For Picket Top gates, position the top rail slot at desired height (using the sold separately Midrail as the top rail, discarding the Top Rail included in the gate kit).

VERTICAL PALING GATE

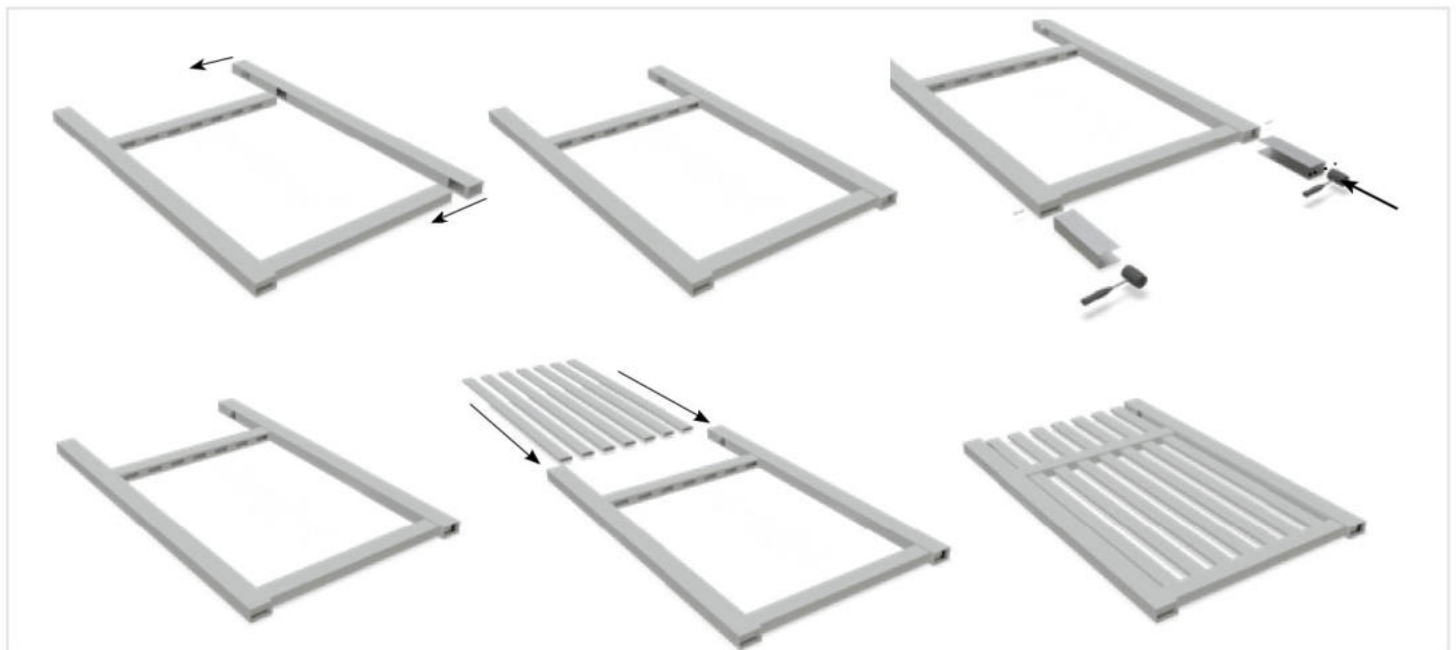
GATE FABRICATION OVERVIEW

GATE ASSEMBLY



- 3 Insert bottom rail (with aluminium insert) into gate side frame slot. Insert half way into slot depth. Using mallet, insert aluminium Internal Rigidity Insert into side frame embedding approx 15mm inside and secure with screw including collar and snap-cap. Then insert bottom rail fully inside gate side frame, butting up against aluminium. Repeat process both sides.

GATE ASSEMBLY WITH MIDRAIL (IF REQUIRED)



- 4 Assemble mid-rail into side vertical posts before assembling palings.
NOTE: Palings have a notch on one end - use notched end as BOTTOM of paling.

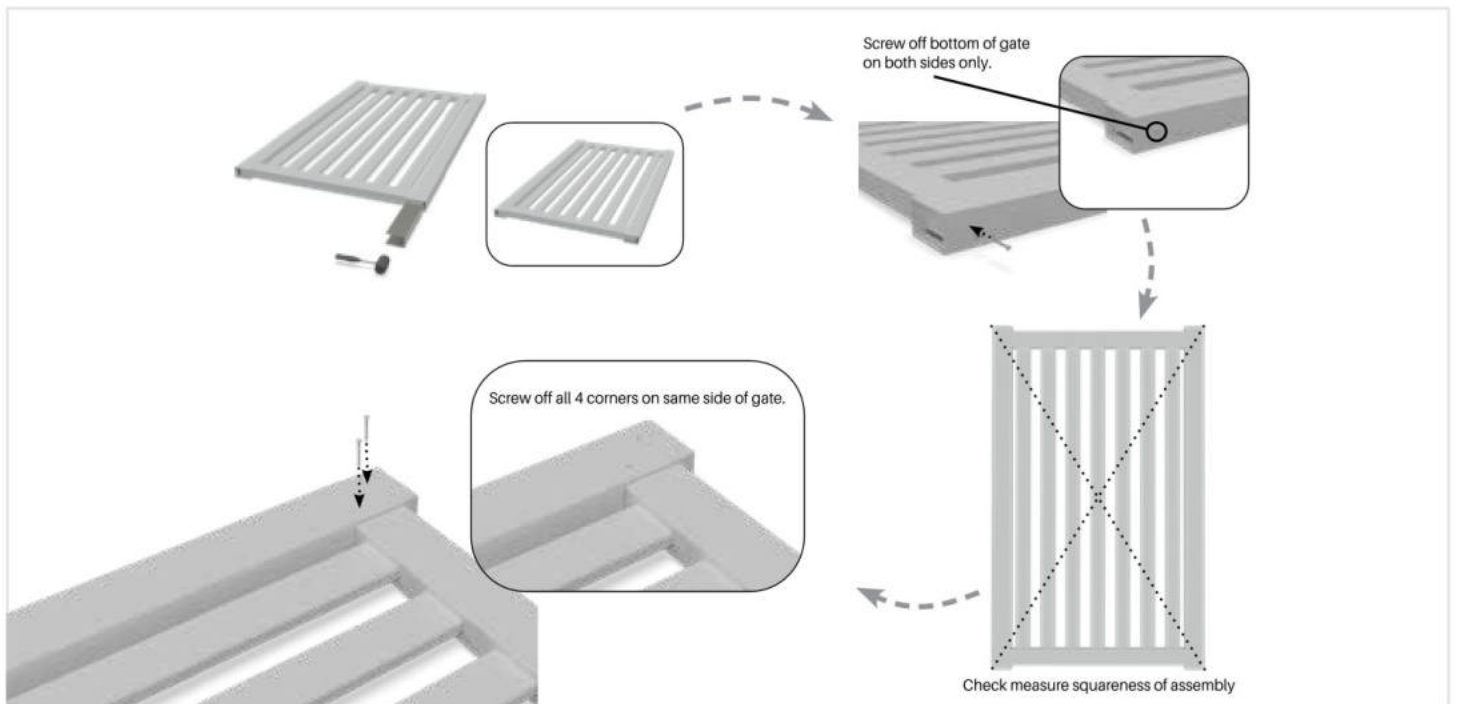
VERTICAL PALING GATE

GATE FABRICATION OVERVIEW

GATE ASSEMBLY CONTINUED



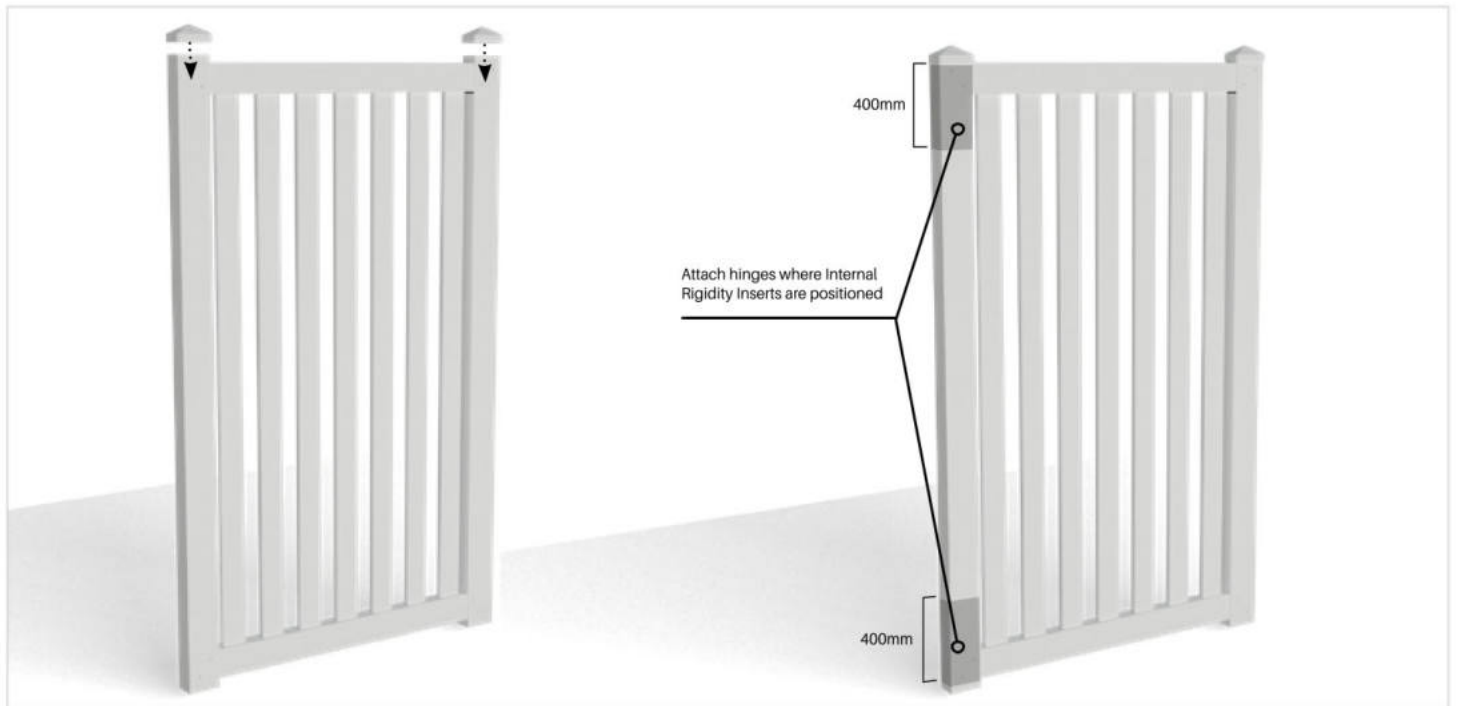
- 5 Insert palings into bottom rail. NOTE: Palings have a notch on one end - use notched end as BOTTOM of paling. When a Midrail is being used, spread both side frames and install the Top Rail into palings one-by-one. Once palings are installed into the Top Rail, slide both side frames into position, engaging the Midrail and Top Rail.



- 6 Using mallet, insert aluminium Internal Rigidity Inserts into top of vertical side frames and insert approximately 15mm inside side frame affixing collar and snap-caps to screws, screw-fix to the aluminium Internal Rigidity Inserts inside side frame. Check measure squareness of gate assembly and secure corner with 2 x screws. Screw off all 4 corners with 2 x screws in each corner. For maximum rigidity, top and bottom rails should be inserted fully inside vertical side frames butting up against aluminium Internal Rigidity Inserts.

VERTICAL PALING GATE

GATE FABRICATION OVERVIEW



- 7 Press on top caps. Silicone as required.
Install gate assembly to posts with attention to installing hinges to internal aluminium Internal Rigidity Inserts.

FULL PRIVACY GATES LAYOUT INFO

LAYOUT INFORMATION FOR PEDESTRIAN GATES
APPLIES TO FULL PRIVACY, COMBO & VERTICAL PALING GATES

1800mm high full privacy gate must use a latch mechanism that is operable from both sides

Hardware guide —

LATCH OPTIONS

D&D Lokk Latch Deluxe

HINGE OPTIONS

D&D Heavy Duty TruClose hinges

PLAN VIEW OF GATE:

