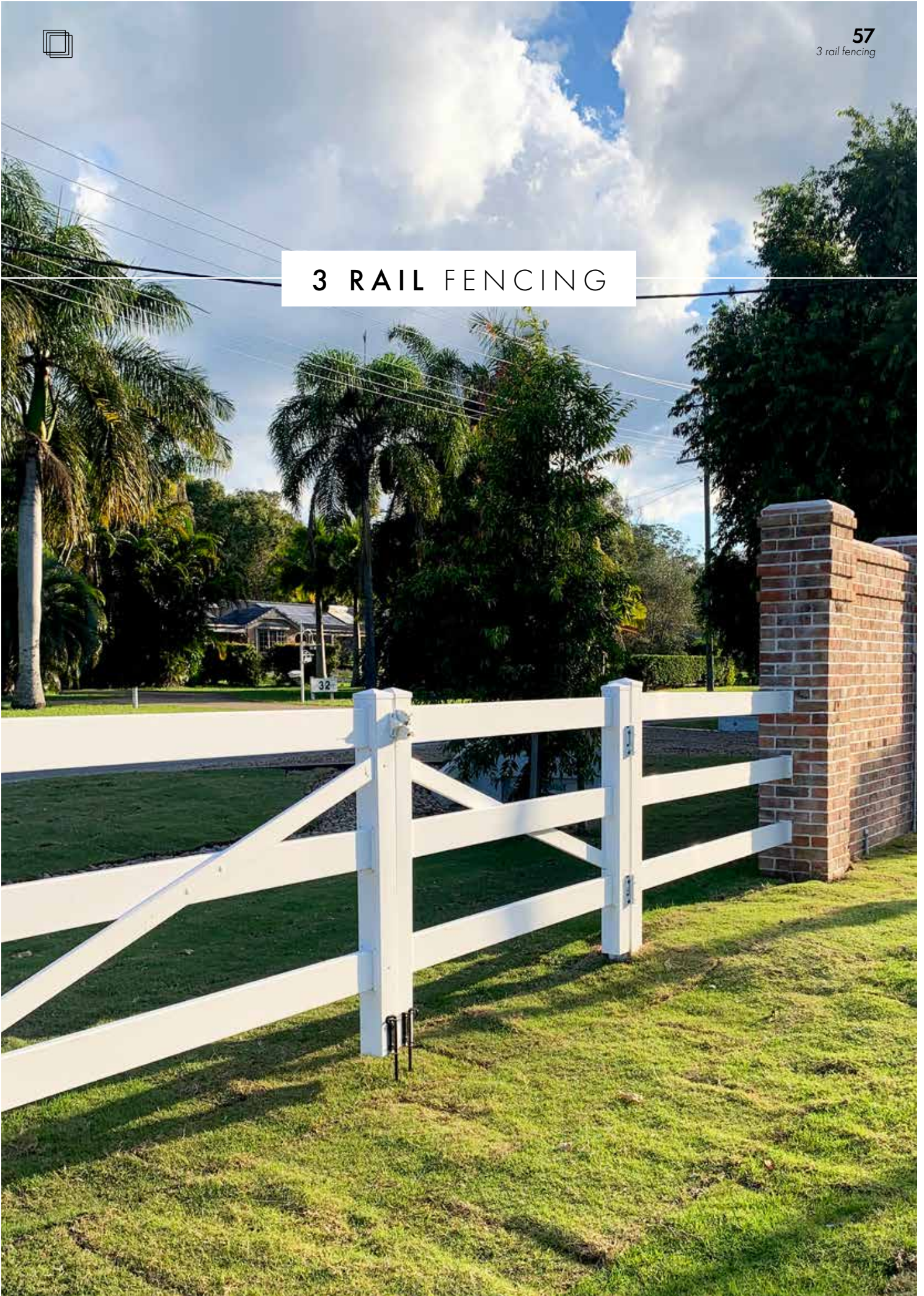


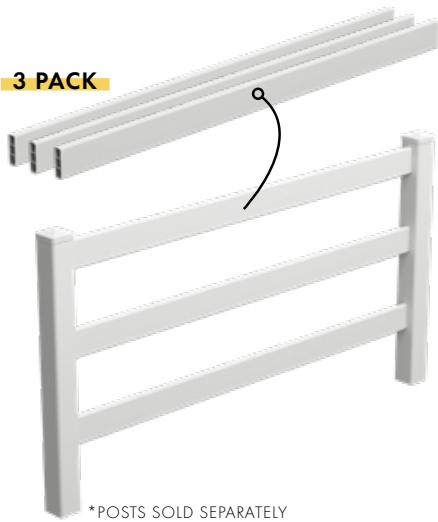


## 3 RAIL FENCING





# 3 RAIL FENCING



**3 PACK**

\*POSTS SOLD SEPARATELY

**COST EFFECTIVE  
SOLUTION FOR FRONT/  
BOUNDARY FENCING**

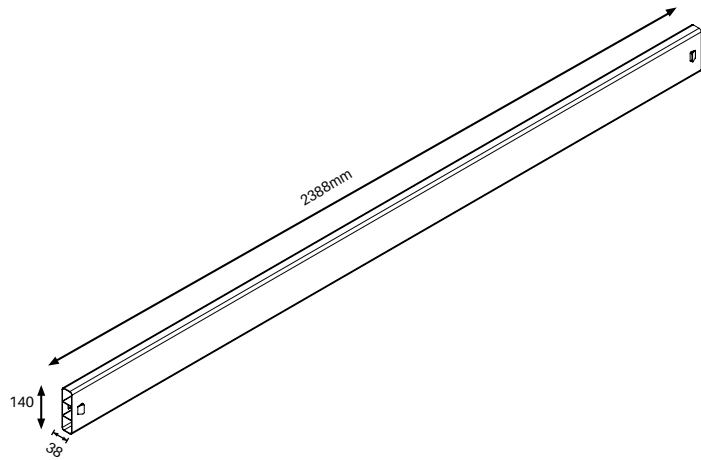
## Fencing Rails – 3 Pk

RAIL PROFILE  
2388mmL  
x 38mmD x 140mmH  
Order Code: HF-3RAIL-3PK

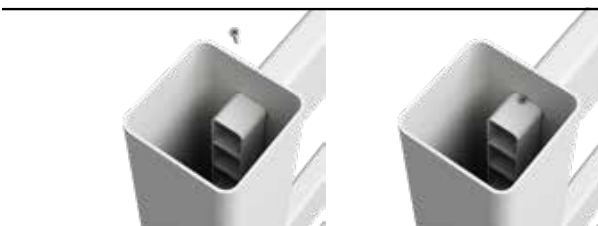
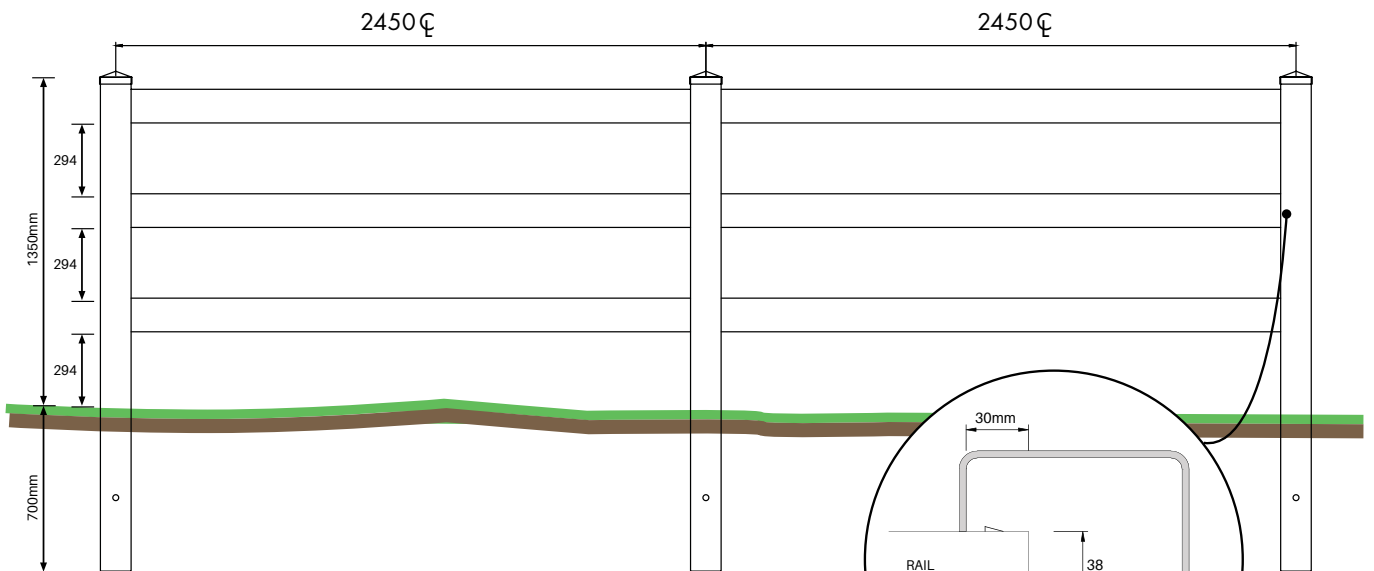
**IDEAL FOR FRONT/  
BOUNDARY FENCING**

## TECH SPECS

- 3 rails packed together
- White UV stabilised PVC with protective titanium dioxide additives
- Each rail: 2388mmL x 38mmD x 140mmH
- 2mm wall thickness
- Features 2 internal ribs for added strength
- Pre-notched at ends to prevent pulling out from post slots
- Easily width adjustable. Simply cut down to size required
- 2388mm wide rails made to suit 2450mm centre to centre of posts installation



**2388MM WIDE RAILS SUIT 2450MM POST CENTRE TO CENTRE INSTALLATION**



IF RAILS CUT DOWN FOR WIDTH ADJUSTMENT, SECURE IN POSITION WITH AN INTERNAL SCREW. SCREW PREVENTS RAIL FROM PULLING OUT

\*\*COMMONLY A GAP OF APPROX 294MM IS LEFT FROM GROUND TO BOTTOM OF FIRST RAIL. OVERALL FENCE HEIGHT MAY BE MODIFIED BY ADJUSTING THE GAP LEFT FROM GROUND TO FIRST RAIL



## 3 RAIL FENCING



**FLAT PACK IN A BOX**  
EASY ASSEMBLY  
EASILY WIDTH ADJUSTABLE

### 3 Rail gate

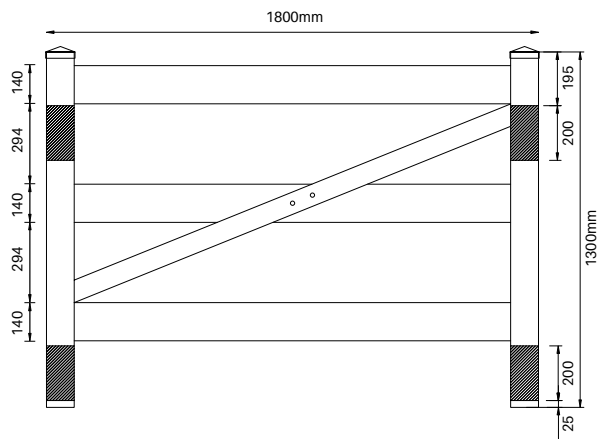
1800MM WIDE  
1300MM HIGH

Order Code: **HF-3RAIL-GATE-1800**

- Flat pack in a box ready for assembly
- Includes 2x top caps & screws for assembly
- Easily width adjustable

### TECH SPECS

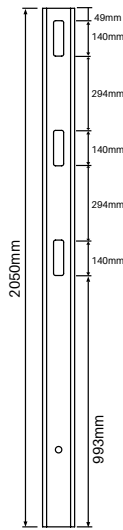
- Bottom rail includes aluminium insert for extra rigidity
- Cross brace adds rigidity
- Vertical side stiles are 1300mmH x 102mmW x 102mmD ; 3.8mm wall thickness
- Horizontal rails slot into sturdy sockets for long lasting gate strength & integrity
- Includes 4 x aluminium internal inserts (refer cross hatch in drawing). Install hinges and latch in these areas for maximum fixing strength
- White UV stabilised PVC with protective titanium dioxide additives



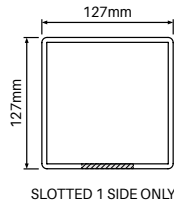
**IDEAL AS A SINGLE ACCESS GATE  
OR DOUBLE GATE**



# 3 RAIL FENCING

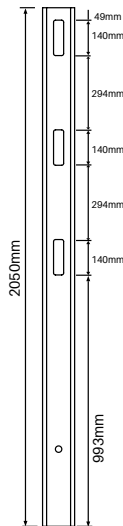


**127MM X 127MM**  
**1 way post – 3 Rail**  
**2050MM LONG**  
Order Code: HF-3RAIL-2050-1W

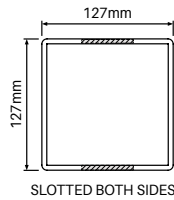


## TECH SPECS

- 2050mmH x 127mmW x 127mmD
- 3.8mm wall thickness
- White UV stabilised PVC with protective titanium dioxide additives
- 3 x slotted holes for insertion of rails
- Use as start or finish post
- Not suitable for hinging or latching a gate. Use Gate Post for that situation (Code HF-3RAIL-2050-1WGP)
- Top cap sold separately

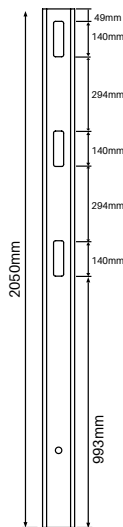


**127MM X 127MM**  
**2 way post – 3 Rail**  
**2050MM LONG**  
Order Code: HF-3RAIL-2050-2W

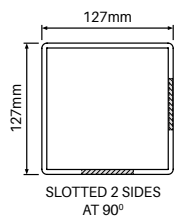


## TECH SPECS

- 2050mmH x 127mmW x 127mmD
- 3.8mm wall thickness
- White UV stabilised PVC with protective titanium dioxide additives
- 6 x slotted holes for insertion of rails
- Top cap sold separately



**127MM X 127MM**  
**90 degree post – 3 Rail**  
**2050MM LONG**  
Order Code: HF-3RAIL-2050-90

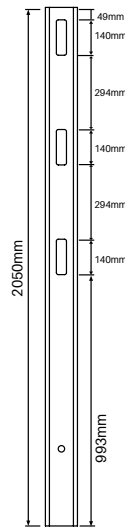


## TECH SPECS

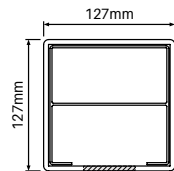
- 2050mmH x 127mmW x 127mmD
- 3.8mm wall thickness
- White UV stabilised PVC with protective titanium dioxide additives
- 6 x slotted holes for insertion of rails at 90 degree junction
- Top cap sold separately



## 3 RAIL FENCING



**127MM X 127MM**  
**1 way gate post – 3 Rail**  
**2050MM LONG**  
Order Code: HF-3RAIL-2050-1WGP



SLOTTED 1 SIDE  
INCLUDES ALUMINIUM INSERT

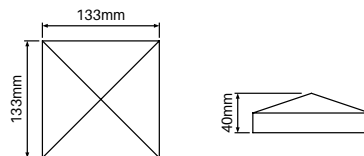
### TECH SPECS

- 2050mmH x 127mmW x 127mmD
- 3.8mm wall thickness
- White UV stabilised PVC with protective titanium dioxide additives
- 3x slotted holes for insertion of rails
- Use as hinge post or latch post
- Includes internal 2mm thick aluminium insert entire length of post. Provides post rigidity for hinging/latching from and also, sturdy substrate for fixing of hinges or latch
- Top cap sold separately



### Slimline tapered cap

Order Code: HF-FULLP-STC



### TECH SPECS

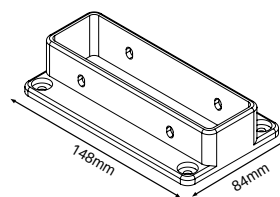
- Press on external fit cap
- Slimline tapered cap for minimalist post finishing
- White UV stabilised PVC with protective titanium dioxide additives
- Use silicone for long term binding



### Wall/post brackets

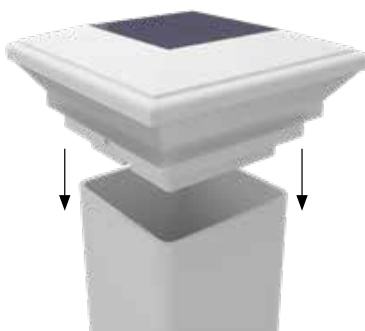
3 PACK

Order Code: HF-3RAIL-WB-3PK



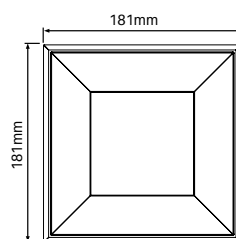
### TECH SPECS

- 3 pack of brackets
- Affix to existing post or wall structure to start or end run of 3 rail fencing
- Includes 12x screws for fixing off brackets to top/ bottom rails + 12x cover caps to hide screws
- White UV stabilised PVC with protective titanium dioxide additives
- Fixings for screw brackets to post or wall not supplied



### Solar post light

Order Code: HF-SOLAR-127



### TECH SPECS

- Use solar light instead of standard cap for top 127mmx127mm square posts
- Suits 1 way, 2 way, 90 degree, full and gate posts
- Light automatically turns on when no light source detected. With full charge, light stays on continuously for approx. 8 hours
- Internal replaceable battery lasts approx. 1.5 years. Easy to replace. (2 x Ni-MH AA 1.2V batteries)
- \* Refer [www.productinstall.com.au/hamptons](http://www.productinstall.com.au/hamptons) (password: hamptons1) for guidance on install of solar light and replacement of batteries.



# 3 RAIL FENCING – GATE ASSEMBLY GUIDE



## Material List

Item	QTY
Top Cap	2
1300mmH Gate Side Frame	2
1783mmW Horizontal Rails Top & Mid	2
1783mmW Horizontal Rail with Aluminium Insert	1
1950mmW Cross Member	1
16mm Small Plugs	2
50mm Screws	6
25mm Screws	6
20mm Screws	2

Horizontal rail with aluminium insert must be positioned in bottom slot.

Insert horizontal rails into side frame which has cross member slot at bottom.

**IF ADJUSTING GATE WIDTH**

**If adjusting gate width:** to calculate required horizontal rail length, take gate width 'x' (outer edge to edge of gate side frame) and minus 17mm. e.g. For a gate width of 1400mm, cut 3 x horizontal rails to 1383mm.

- Lay out side frames and horizontal rails on a flat bench.

Insert horizontal rails into 1 side frame ensuring the 1 rail with the aluminium rail insert is at the bottom. Push horizontals all the way into the side frame.

Fit to side frame where cross member slot is at bottom of side frame.

The assembled gate is 1800mm wide. If a smaller width gate is required, horizontal rails may be cut to size:

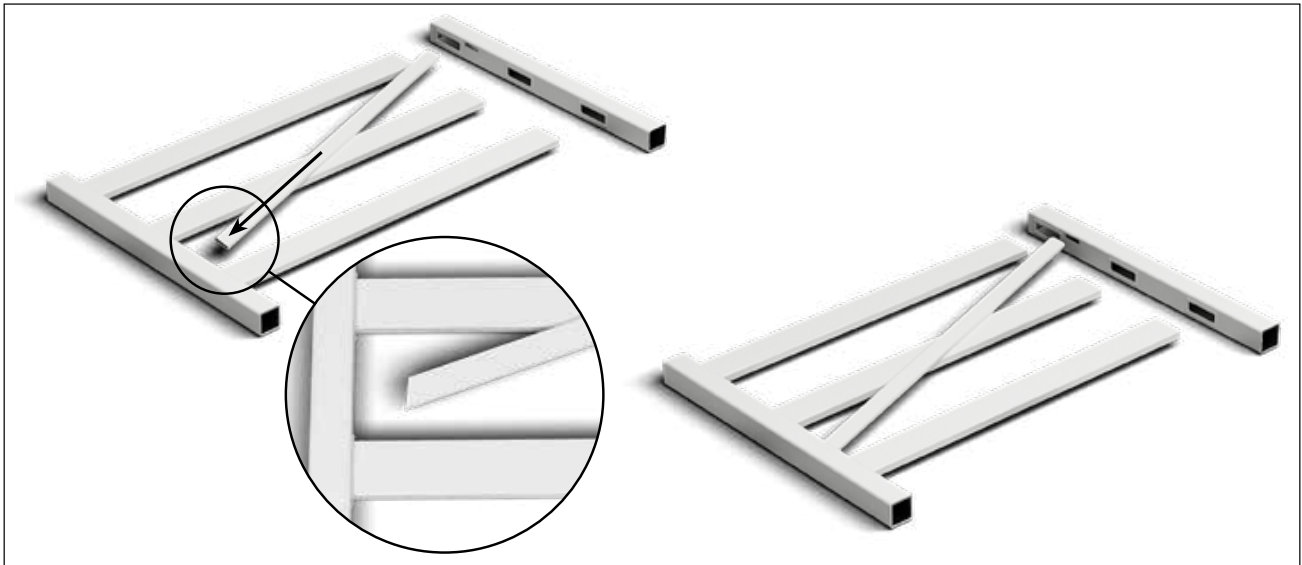
Formula for cutting 3 x rail widths: Gate Width (outer edge to edge of gate side frame) MINUS 17mm.

e.g Gate width of 1400mm required means cut 3 x horizontal rails to 1383mm

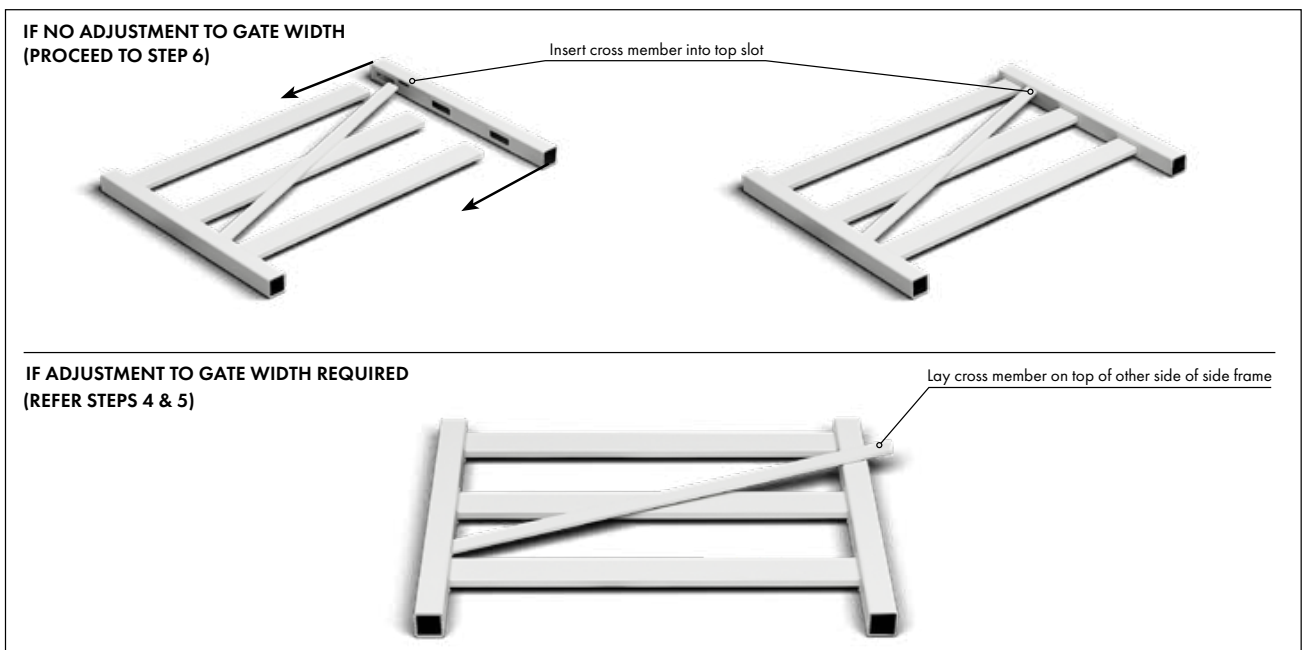
**(NOTE: bottom rail has aluminium insert – use a blade suitable for cutting aluminium)**



## 3 RAIL FENCING – GATE ASSEMBLY GUIDE



- 2** Insert cross member into the gate side frame at bottom side (same side frame that horizontal rails have already been inserted).  
If gate width to remain at 1800mm, no adjustment to cross member required.  
If gate width adjustment required, insert cross rail into bottom slot hole only and refer to Step 3.  
**NOTE: ensure cross member slot is at bottom of side frame.**



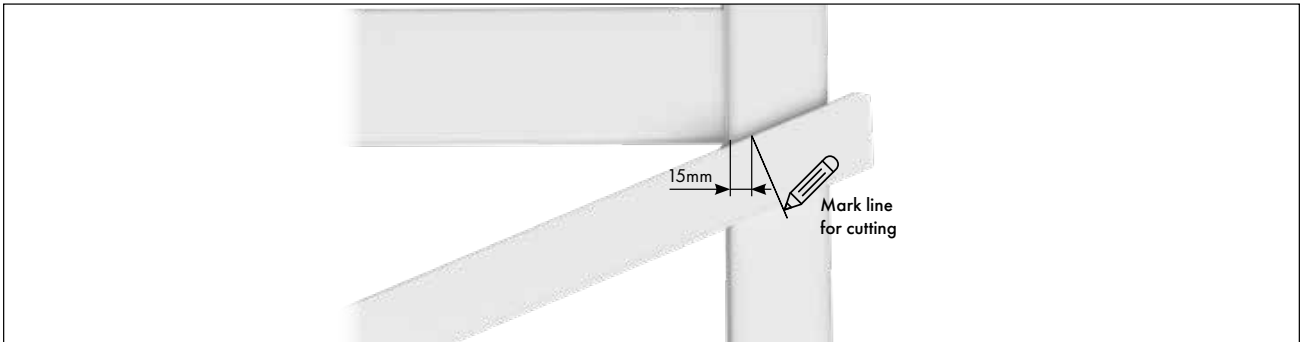
- 3** **If gate width remaining at 1800mm wide:**  
Insert horizontal rails and cross member into other side frame.  
Ensure horizontal rails are pushed all the way in.  
Proceed to Step 6.

**If gate width to be adjusted:**

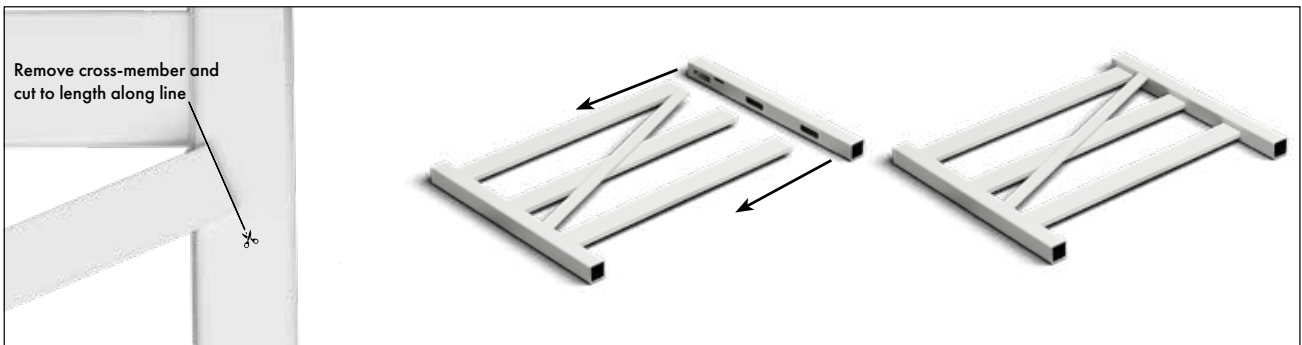
Insert 3 x horizontal rails into gate side frame and position cross member to lay in position above slot hole then refer Step 4



# 3 RAIL FENCING – GATE ASSEMBLY GUIDE

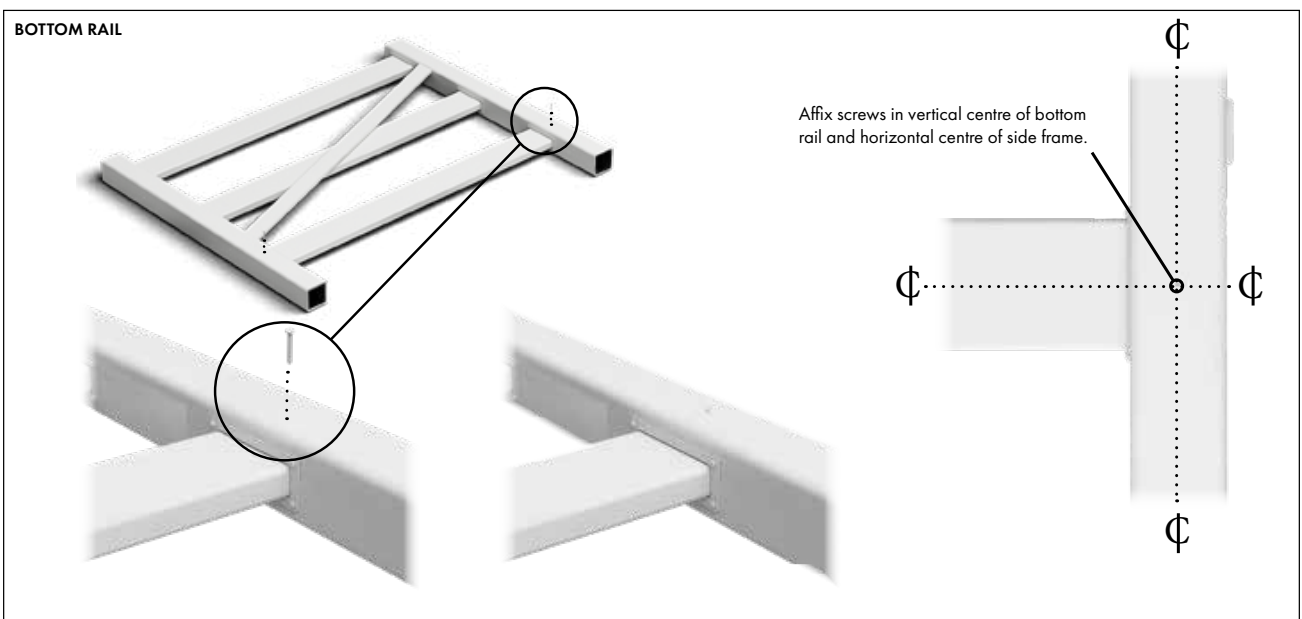


- 4 Only applies if gate width to be adjusted.**  
 Position cross member to where it would fit into required slot but rest of top of gate side frame.  
 Ensure horizontal rails are fully pushed in on both sides and cross member is fully pushed in on inserted side.  
 On cross member, mark where gate side frame meets and then measure and mark 15mm in.



- 5 Only applies if gate width adjusted.**  
 Remove cross member and cut the marked side only using drop-saw or hand-saw.  
 Remove gate side frame from this side only and re-install the 3 x horizontal rails and cross member into slot holes on gate side frame.

**IMPORTANT NOTE: \*\* IF GATE WIDTH 1200mm OR LESS:** The angle of the cross member increases the shorter the width. The slot holes in the side frames will need to be made slightly larger in height due to the increased angle. A standard small hand-saw may be used to increase slot hole size as required.



- 6** Ensure gate square. **TIP** – measure diagonals ensuring the same measurement.  
 Screw fix off bottom rail through gate side frames using 1 x 50mm screw each side.  
 Affix both sides at midpoint of bottom rail height and centre of post.





## 3 RAIL FENCING – GATE ASSEMBLY GUIDE

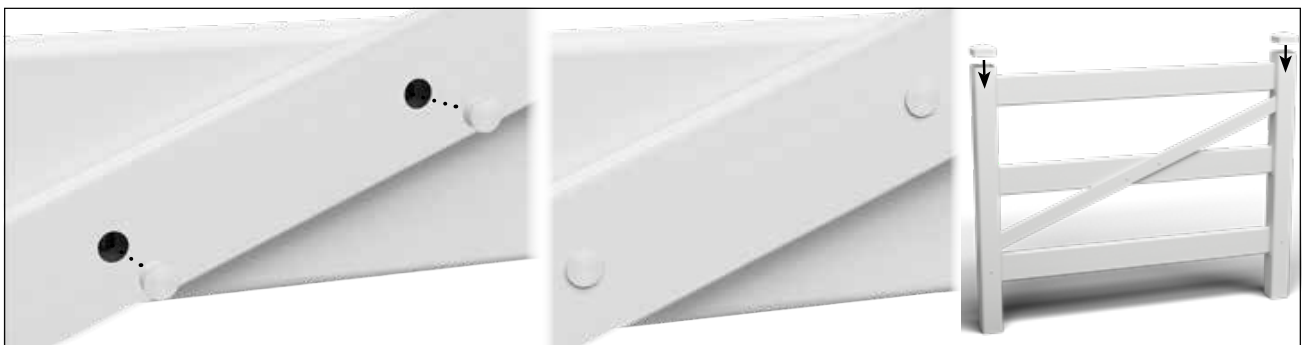


TOP RAIL

- 7 Screw top rail into place inside side frame using 3 x 25mm screws.  
Top plate is supplied fixed in position in side frame with holes pre-drilled for fixing through. Repeat on other side.



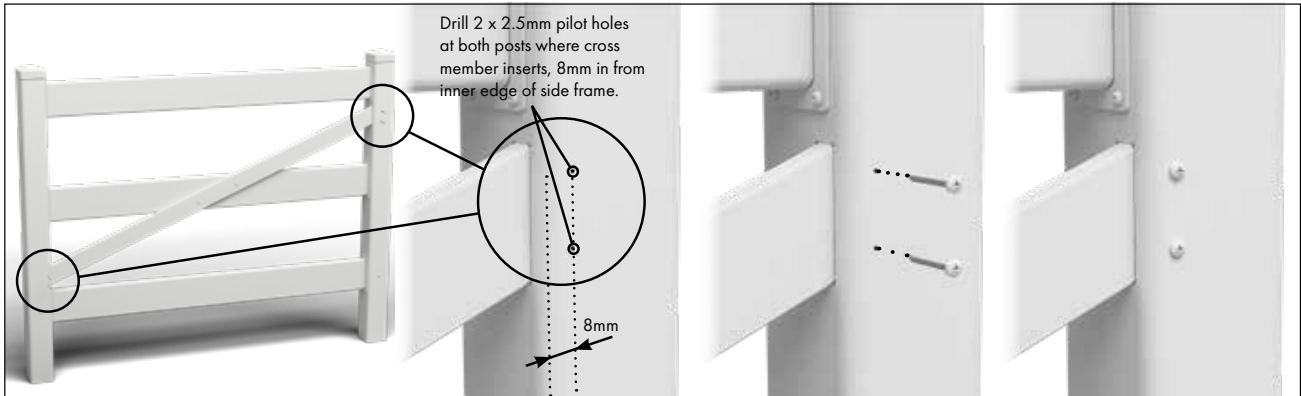
- 8 Cross member requires fixing off to middle horizontal rail.  
Where the cross member intersects the middle horizontal rail, drill 2 x 16mm holes through front surface of cross member only.  
Through the 2 x holes, screw the bottom surface of the cross member to the horizontal rail using 2 x 20mm screws



- 9 Plug the 2 x 16mm holes with large plugs.  
Press in both top caps

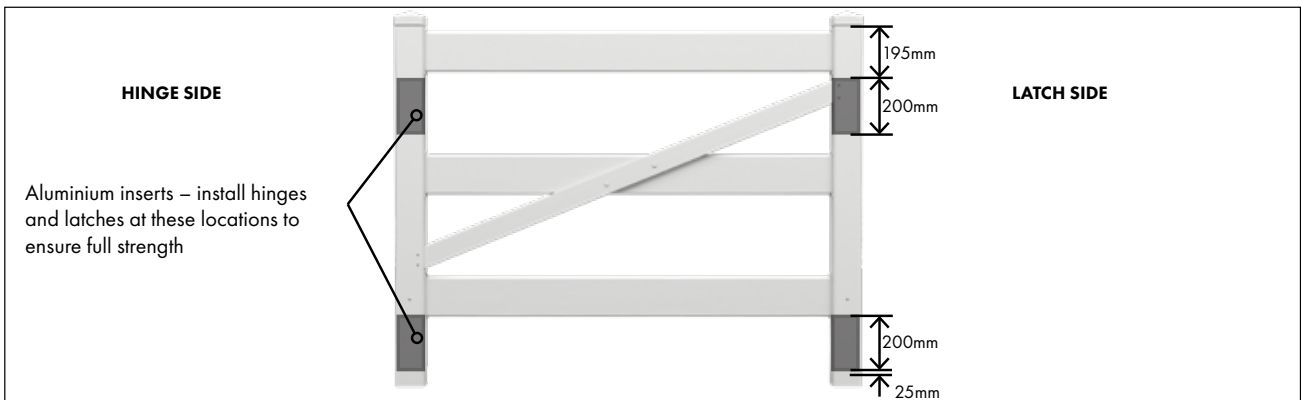


## 3 RAIL FENCING – GATE ASSEMBLY GUIDE



- 10** The cross member must be fixed off at both ends. Drill 2.5mm pilot holes 8mm in from edge of gate side frame. Fix off at bottom and top side of cross member using 2 x 50mm screws.

**NOTE: Hole positioning must be accurate**



**11 HINGE AND LATCH INSTALL**

Note there are aluminium inserts located for screw fixing of hinge and latches. Position hinge and latches to ensure fixings penetrate PVC frame and also into aluminium inserts.

**NOTE: Upon installation, hinges are to be installed to the gate side frame with the cross member at its lowest point.**