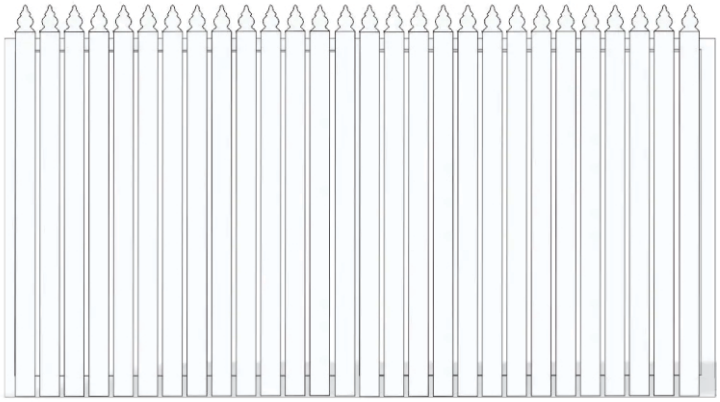
alpha|automation

Aluminium Vertical Picket Slat Sy

Installation Guide



Suitable Cutting Methods:
* Circular Saw (aluminium cutting blade)
* Drop Saw (aluminium cutting blade)
* Band Saw

ALWAYS PROTECT YOURSELF AND WEAR PPE

Please refer to the Slat count table for the amount of required Slats in relation to your gate width. The last 1 to 2 Slats normally require less

Chart 1

	Gate Width	Angle Length
Swinging Gate Panel	880	800
	1485	1405
	1785	1705
	2085	2005
	2385	2305
Sliding Gate Panel	3570	1725
	4170	2025
	4600	2240

Chart 2

GATE WIDTH	SLATS NEEDED
880	12
1485	20
1785	24
2085	28
2385	32
3570	48
4170	56
4600	62

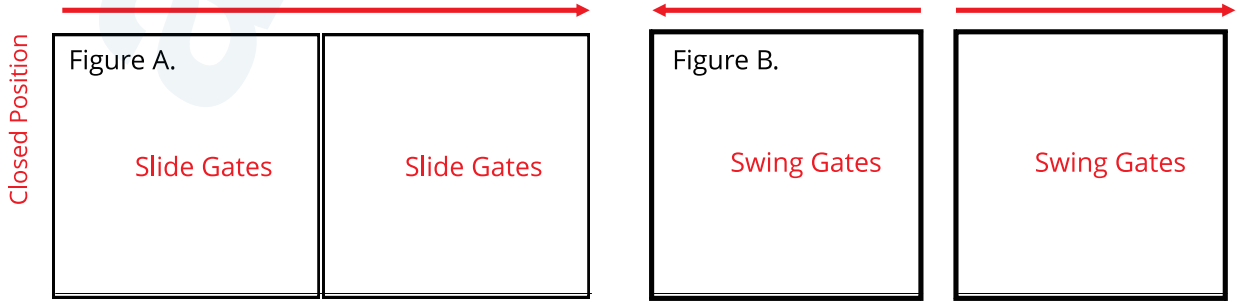
For Picket Slats - White Tek Self-Drilling Screws

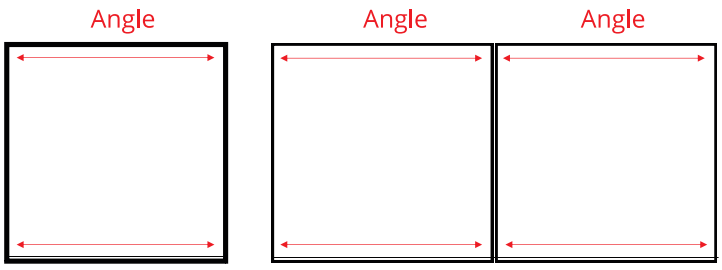
For Z-Profile - Button Head

Under no circumstance mix screws for installation. Use the provided White Tek Self-Drilling Screws for the Pickets and use the Button Head type screws for the Angle and Z-Profile.

BEFORE YOU START: For Sliding Gates - Ensure you have installed your wheels onto the gate frame. This is PARAMOUNT and must be done BEFORE beginning the Vertical Picket Slat Installation for Sliding Gates. When installing the Vertical Picket Slats, start at the edge of opening near the closed position and work back towards the open position (Figure A).

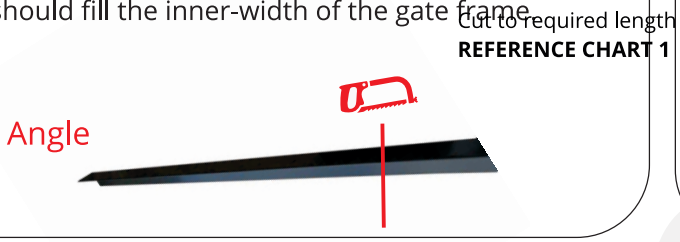
Swing Gates should start at the edge of the panel towards the center of the driveway and work their way back towards the hinge side (Figure B)

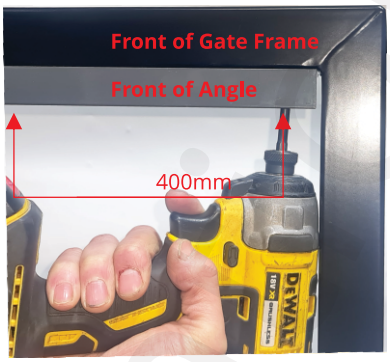




STEP 1: Cut both the TOP and BOTTOM Angles to the Length of the inside of the gate frame.

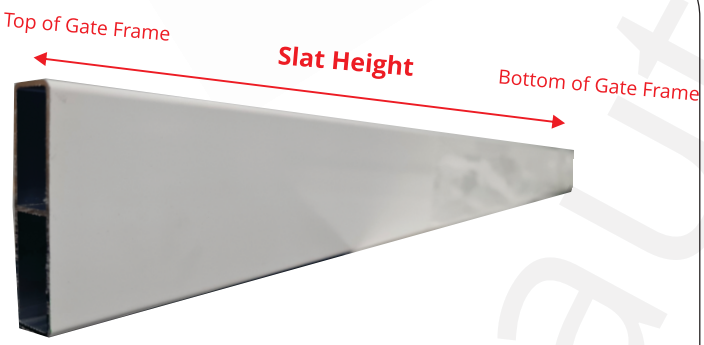
They should fill the inner-width of the gate frame.





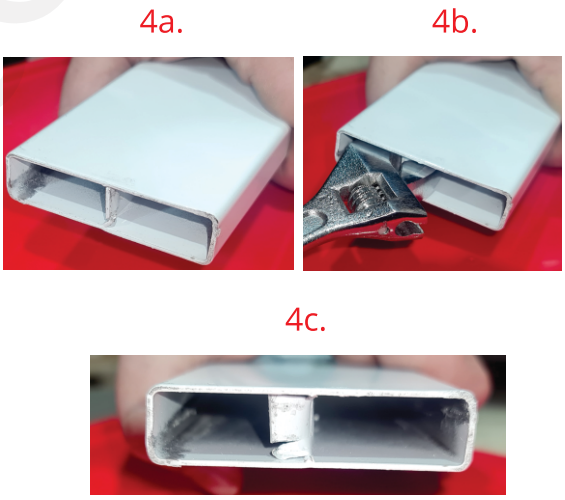
STEP 2: Screw the Angle into the gate frame using the provided BUTTON HEAD screws - Then, every 400mm, add another screw to join the Angle commpletely to the Gate Frame.

Ensure the Angles are flush with the front of the Gate Frame.



STEP 3: Cut slats according to the height of the gate frame from the top to the bottom on the outer margins. Do this for every slat that will be used in the installation.

Ensure all cuts are straight as this will affect the final seating of the picket top. Crooked cuts will create abnormal or angled picket top seating.

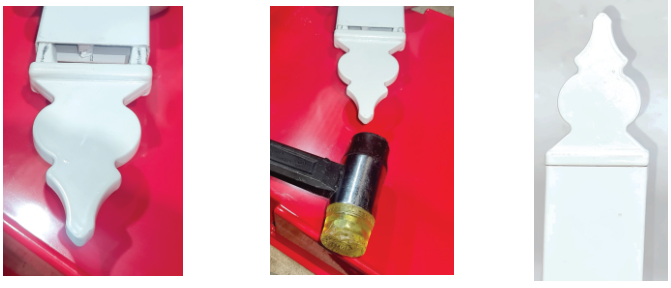


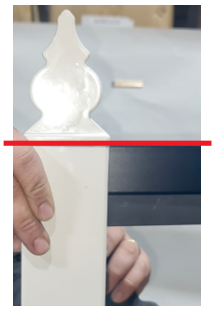
STEP 4: On one end of the Slat only, use a Shifter or a pair of Pliers to bend the inner rib section (4b.) of the Slat. This will make room for the Picket Head to enter into the Slat (4c.).

Do this for every Slat that will be used in the

STEP 5: Using a Rubber Mallet, gently knock down the Picket top into the Slat.

Do this for every Picket top until fully seated.





6a. Bottom of picket aligned with top

6b. Inner-Rib location - Drill left & right to

STEP 6: To attach the Picket to the Gate - First ensure that the bottom of the Picket top & end of the Slat lines up with the top of the gate frame (6a.).

Then, using the provided white self-drilling screws, **(do not remove the washer)** drill through the back of the Angle on the left and right halves of the Slat to avoid the inner-rib of the Slat (6b.), whilst attaching it to the gate (6c.).

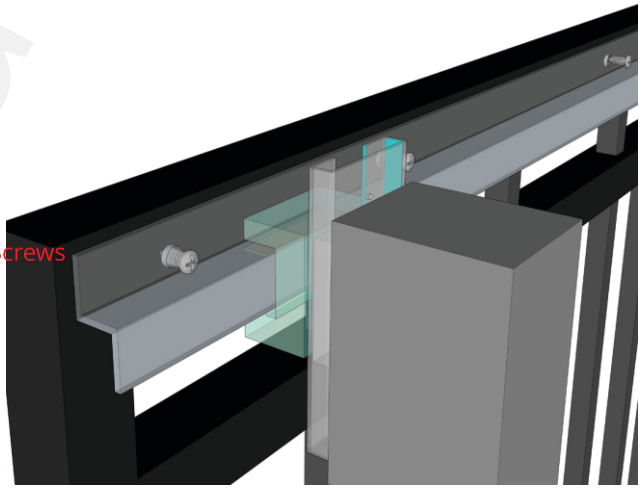
Repeat the screw procedure for the bottom of the Slat to Angle installation.

6c. Drill left & right to avoid

STEP 7: FOR SLIDING GATES - Cut the Z-Profile down to size - Then, using the pre-punched holes, attach the Z-Profile Length to the back of the gate frame using the BUTTON HEAD screws.

Under no circumstances mix screws - Do not use the White Tek Self-Drilling Screws for the

For Z-Profile - Don't use the White Tek Self-Drilling Screws



For Z-Profile - Use this type of screw