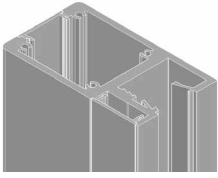
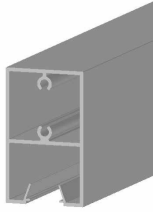


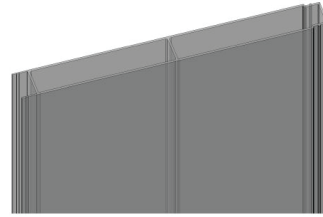
# Vertical slat heavy duty hinged pedestrian gate components



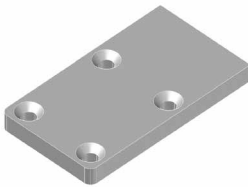
Quickscreen heavy duty gate frame



2 15/16" x 1 3/4" heavy duty top/bottom rail



6 3/16" x 5/8" T&G privacy slat



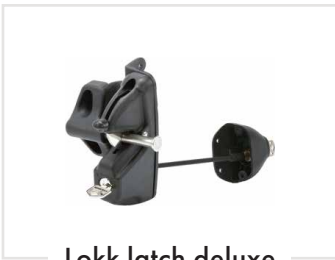
Top cap



Spacer blocks



Spacer Infill



Lokk latch deluxe



Tru close heavy duty hinge pair  
(Rated for gates up to 140lbs)



Hex head screws  
12g x 2 1/2"  
Use to affix T/B gate rail to gate frame

## DEDUCTIONS FOR MAKING VARYING SIZES OF VERTICAL SLAT PEDESTRIAN GATES

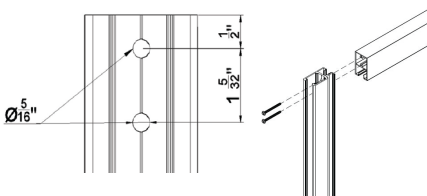
$$\text{LENGTH OF TOP AND BOTTOM RAIL} = \text{WIDTH OF GATE} - 6 \frac{9}{32}"$$

$$\text{SLAT LENGTH} = \text{HEIGHT OF GATE} - 4 \frac{1}{2}"$$

### STEP 1

Once height is established, cut side frames to length, using a saw suitable for cutting Aluminum. For the overall height, allow an extra 1/2" for the frame end caps.

On both ends of the heavy duty gate frames, mark the hole positions, as shown below, and pre-drill 2 x 5/16" holes. These holes are for the Hex Head Screws, that hold the top and bottom rails into place.



### STEP 2

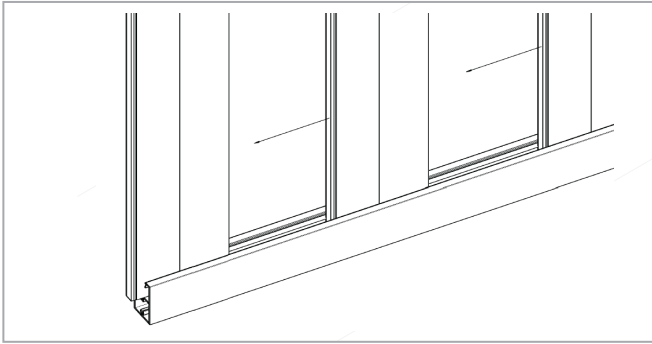
In order to maintain fully privacy, it is important to make sure that the slats are contained within the cavity of the slat side of the gate side frames ( see adjacent illustration). Consequently, actual gate widths must be confined to multiples of full slat dimensions. (see below)

No. Slats	Rail Length	
	Max	Min
11	64 25/32"	63 13/32"
10	59"	57 5/8"
9	53 7/32"	51 27/32"
8	47 7/16"	46 1/16"
7	41 21/32"	40 9/32"
6	35 7/8"	34 1/2"

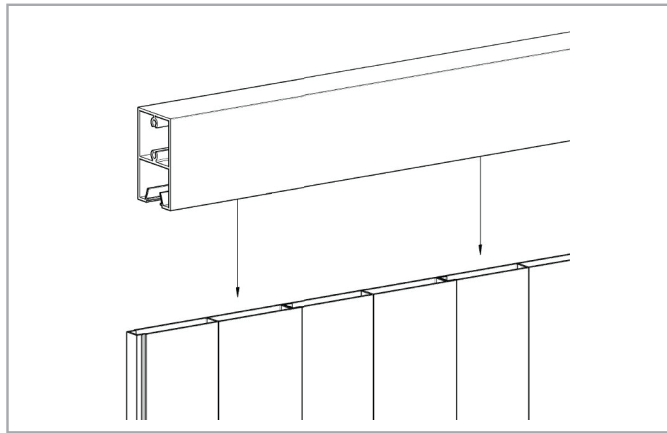


### NOTE:

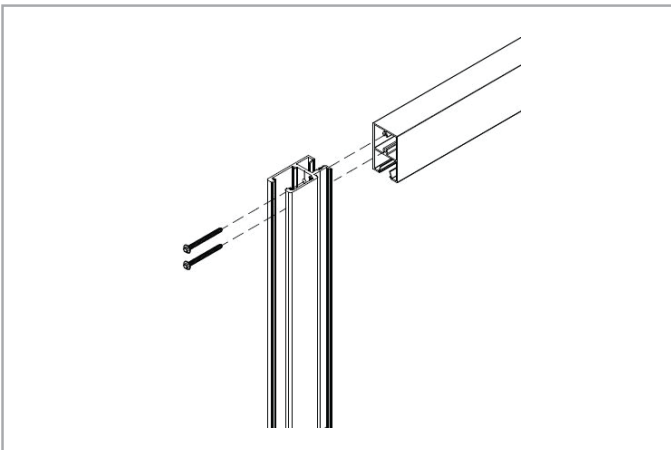
The slats can project, into each gate frame, up to 15/16" each side.



**STEP 3** On a soft surface, place 1 rail. Insert 1st slat and tap into place. Next to the first slat, insert the 2nd slat as shown, and then tap the edge of the slat until the tongue and groove is of both slats is fully engaged. Using the same procedure, install the balance of the slats. Tap one side of the slats to evenly space the 1st and last slat from the ends of the rail.



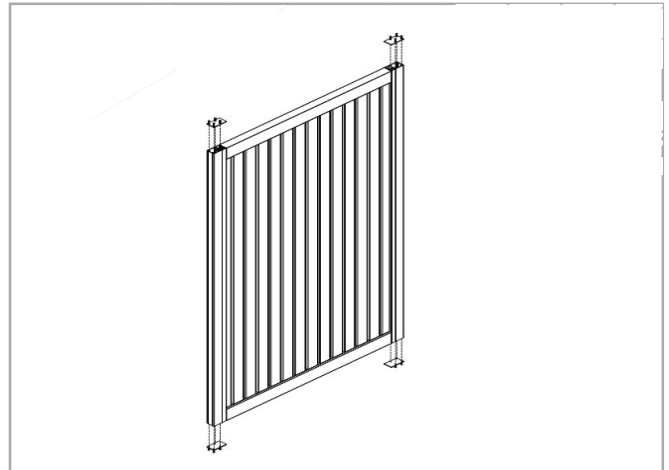
**STEP 4** Place the 2nd rail into place, making sure that all slats are engaged in the rail. With a soft mallet, tap the top of the rail, until all slats are firmly engaged by the gripping legs.



**STEP 5**

Butt one gate side frame up to the top and bottom rails. On the top of the frame, line up the pre-drilled holes with the screw flutes in the top rail and insert the 2 Hex Head screws, being careful not to over tighten the screws. Adjust the position of the bottom rail to line up with the screw holes and affix the bottom rail. Attach the 2nd gate side frame to the opposite side, using the same procedure.

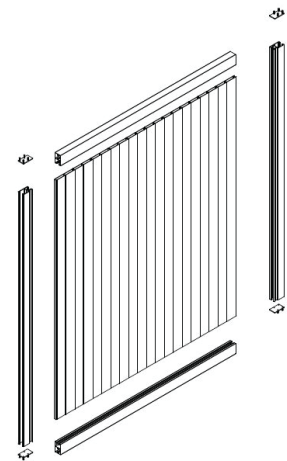
**NOTE: Do not over tighten screws**



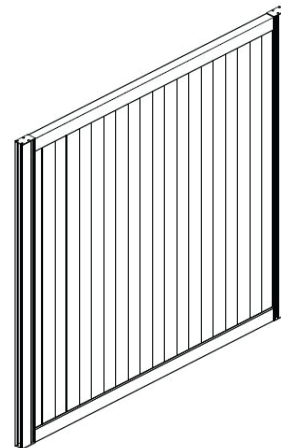
**STEP 6**

Attach caps to top and bottom of the gate side frame.

**EXPLODED VIEW**

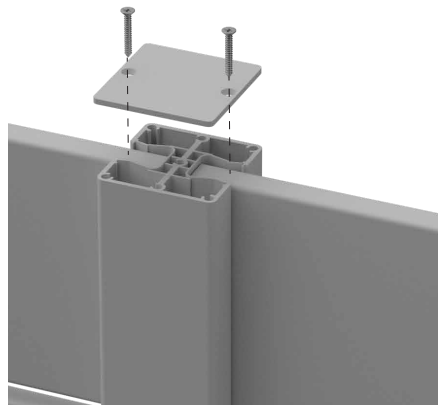
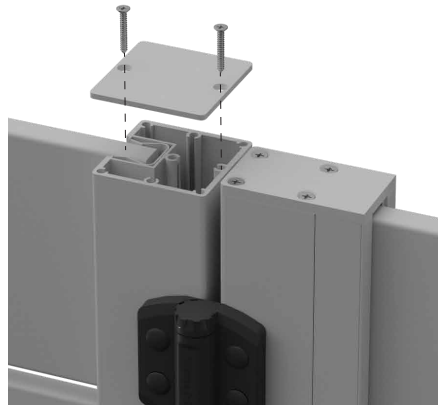


**COMPLETED**



## APPENDIX HIGH WIND SITUATIONS

If using 1 or 2 way posts, orient top cap with 2 holes over the slats and screw off top cap into slats.



If using 3 way post, ensure there is sufficient space at top of post. Prior to attaching top cap, attach a slat clip to top of top slat.

