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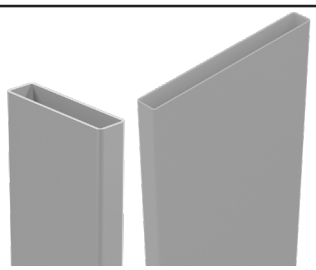
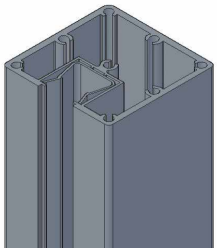
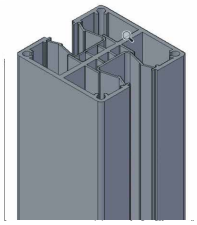
HORIZONTAL SLAT SCREENING
VARIABLE SLAT & SPACING PANEL
QUICKSCREEN POST SYSTEM
INSTALLATION OVERVIEW



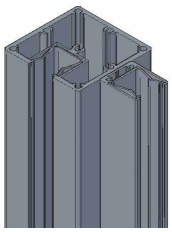
2.56" Slat or 6" Slat



One way post



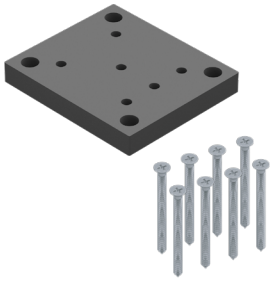
Two way post



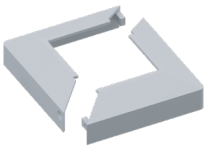
90 degree corner post
(1 way post with side frame attached)

Post top plate

Dress ring



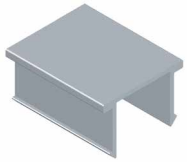
Base plate with screws



Domical cover

9mm spacer

1/2 inch Spacer



1 inch Spacer

OPTIONAL EXTRAS:

Centre Support Rail

Centre Support Rail
Top Cap

Wafer screws

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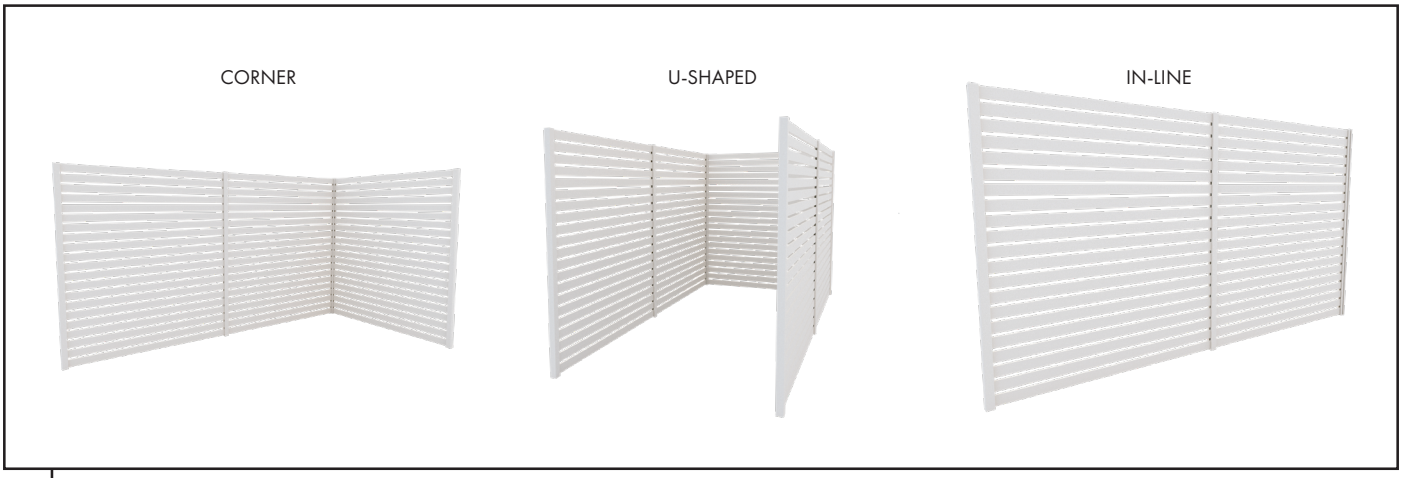
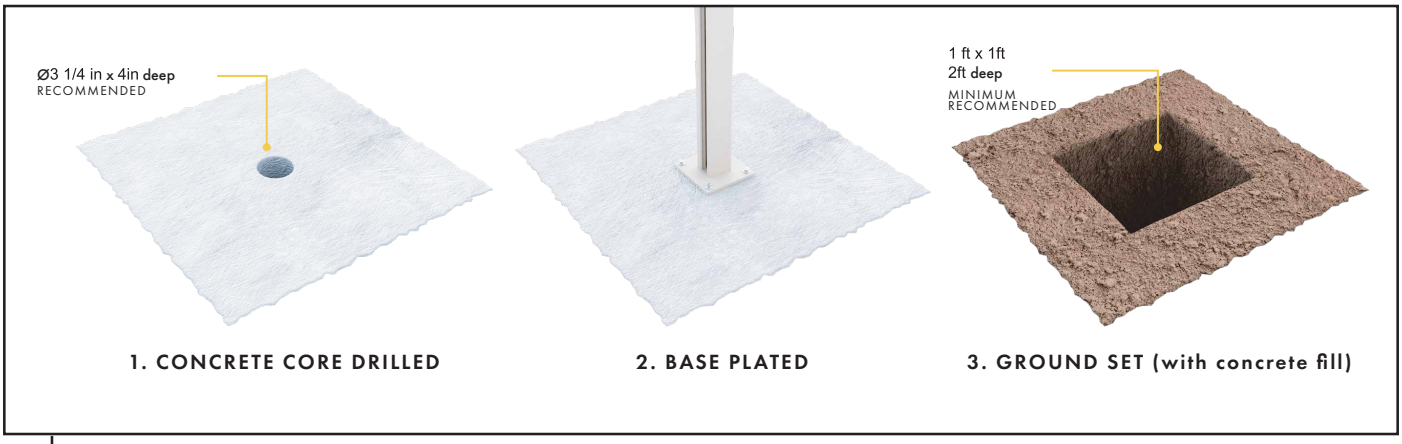


1 Determine fence layout



2 Determine how posts are to be installed:

1. Core drill into concrete (recommended min ø 2 1/2" core hole at approx. 4 inches deep)

2. Base plated to surface (base plates can be screw fixed posts)

3. Set into ground with concrete footings (recommended footings min 2 ft deep x 1 ft wide with post embedded to 2 ft minimum and then concrete filled).

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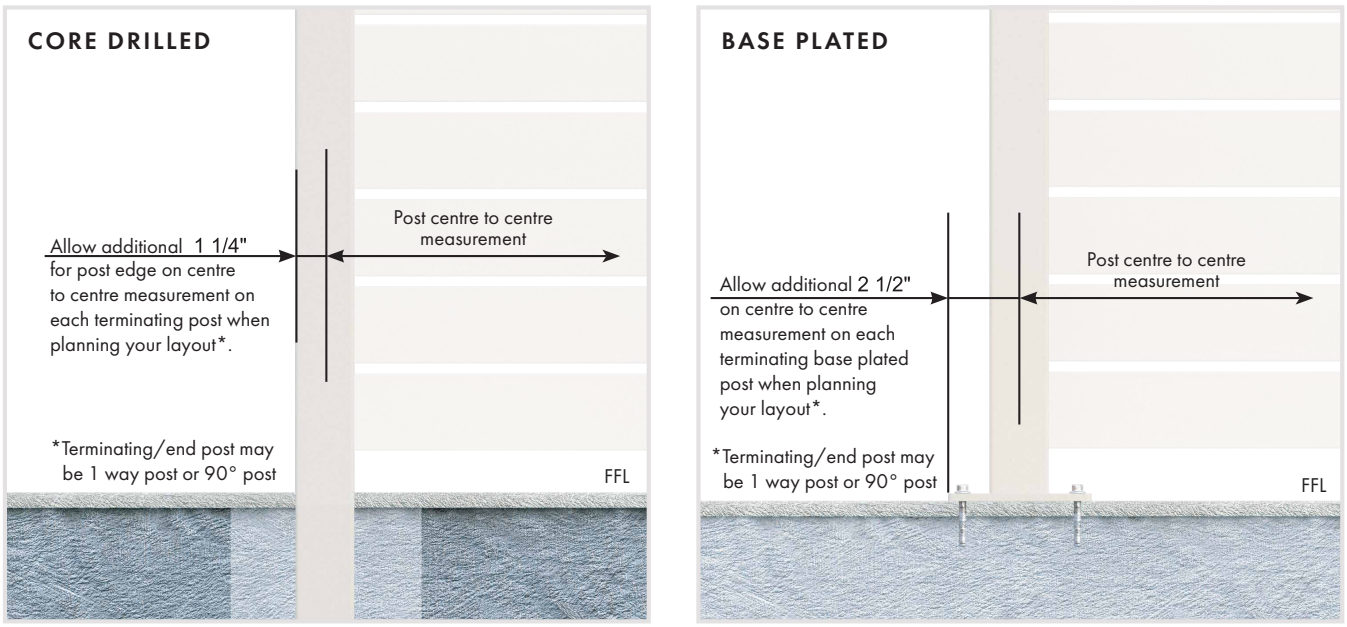

3 Determine post positions. For simplicity, calculate post positions from centre of post to centre of post. Recommended that post centres do not exceed , in areas of high wind, consider restricted span widths.

Install tip: For end of corner posts of a run, there will be 1 1/4" extra to take into account for ‘overhang’ of 2 1/2" post.

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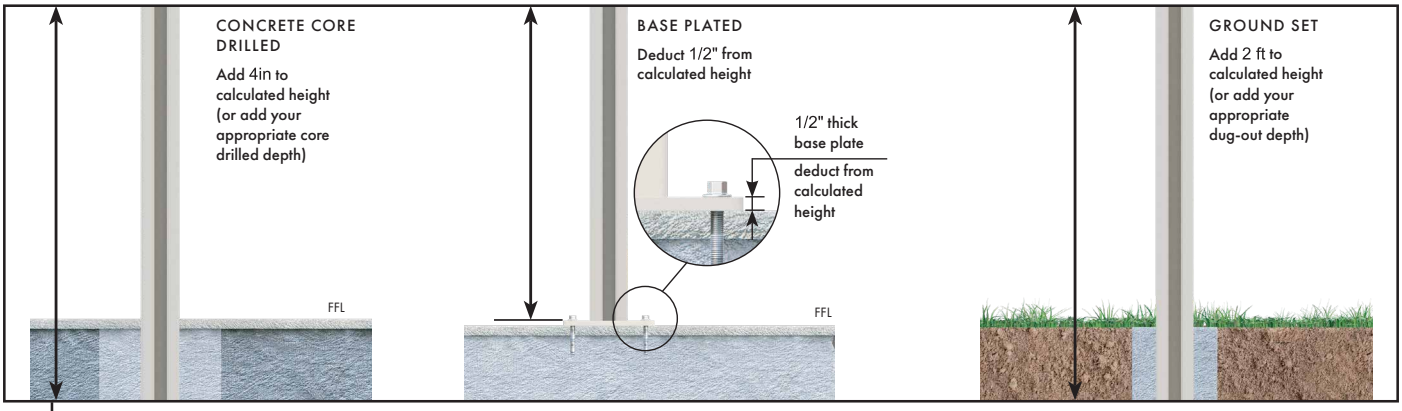


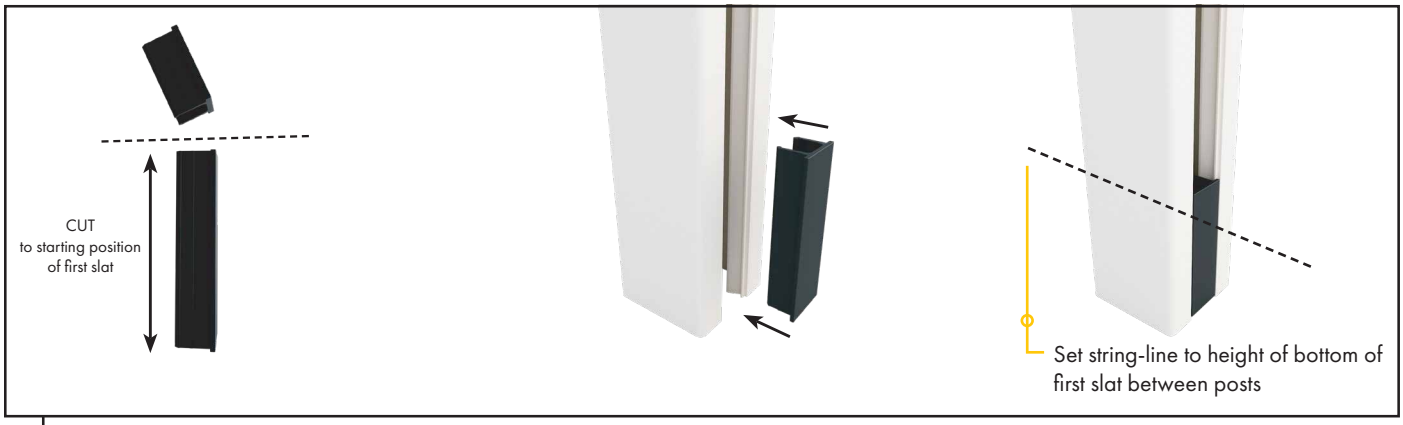
4 Determine overall post height required.

For overall post heights required, add the extra length below the surface for core drill and concrete footings.

For base plated installations, deduct 1/2" from screen height (as base plate is 1/2" thick).

Install posts.

TIP - Use spirit level to ensure posts are vertically level. Ensure top of posts level and in alignment.



5 NOTE: For base plate mounted posts on uneven ground/deck, cut one setting block only and place at the highest point of the finished floor line .Then, run a level string line to determine heights of remaining setting blocks before cutting to size.

TIP - it is recommended that the bottom gap is no higher than 2 1/2". Consider lowering or raising overall post height to achieve a starting gap less than 2 1/2".

Cut setting blocks to suit string-line level and snap into posts.

Use string-line to set first slat height.

Posts come fitted with a 2 ft length of the setting block.

For in ground installations, set the post into the post hole and adjust the height of the setting block by raising/lowering the post. Secure the post and do the same with the last post in the run. Attach a string line and level by adjusting the last post. Set the posts in the run so that the setting blocks are in line with the level string line.

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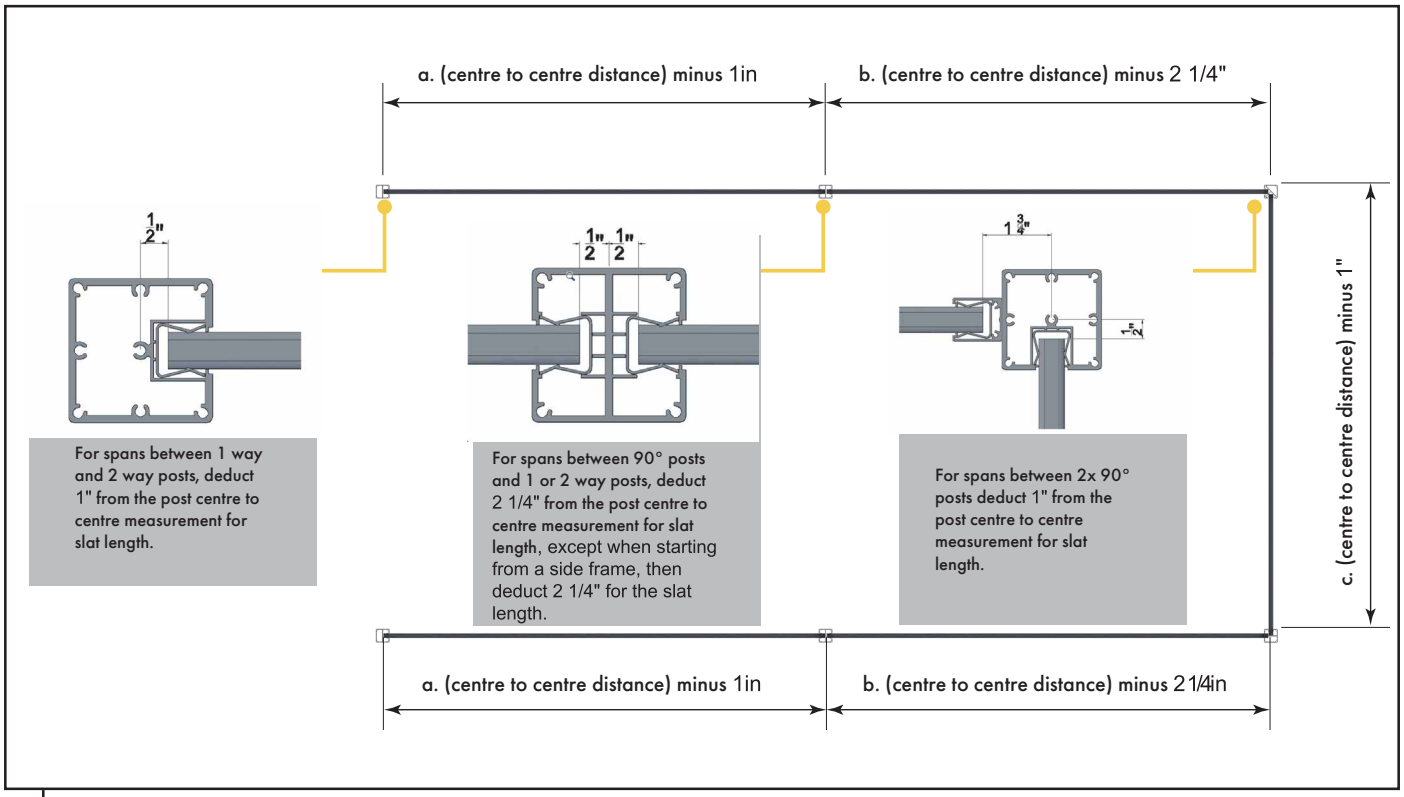

6

a. For spans between any 1 way post and 2 way post combination, slats are cut **1" less** than the centre to centre of posts.

b. For spans leading into a 90 degree post, slats are cut **2 1/4" less** than the centre to centre of posts.

c. For spans between two 90 degree posts, slats are cut **1" less** than the centre to centre of posts.

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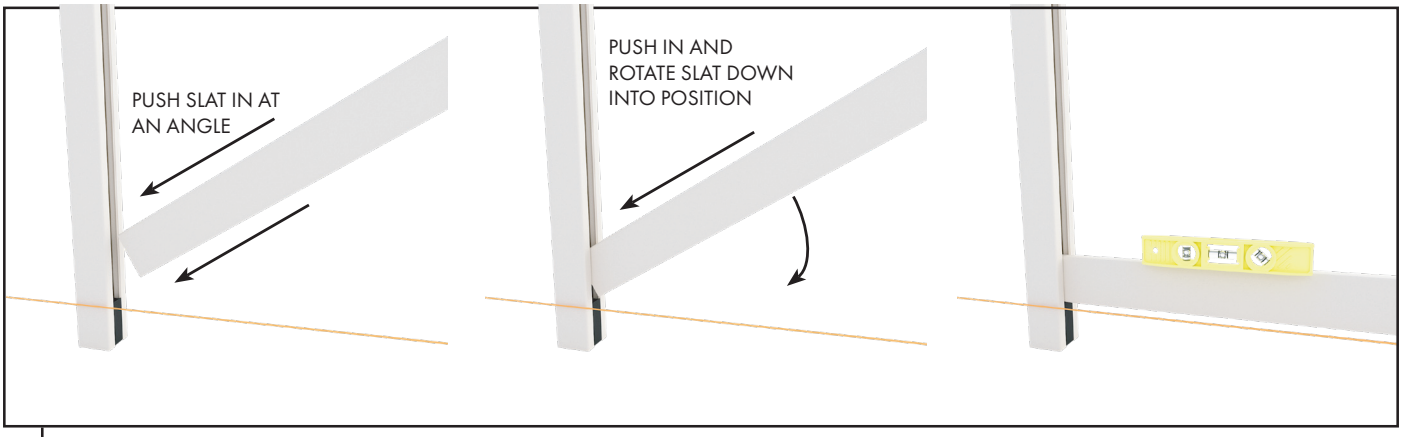
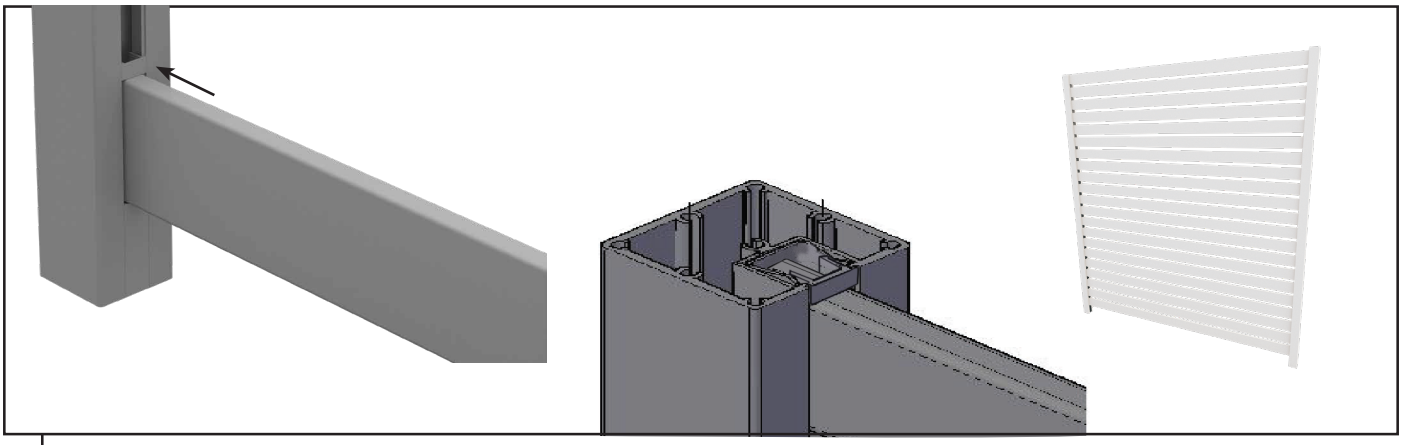
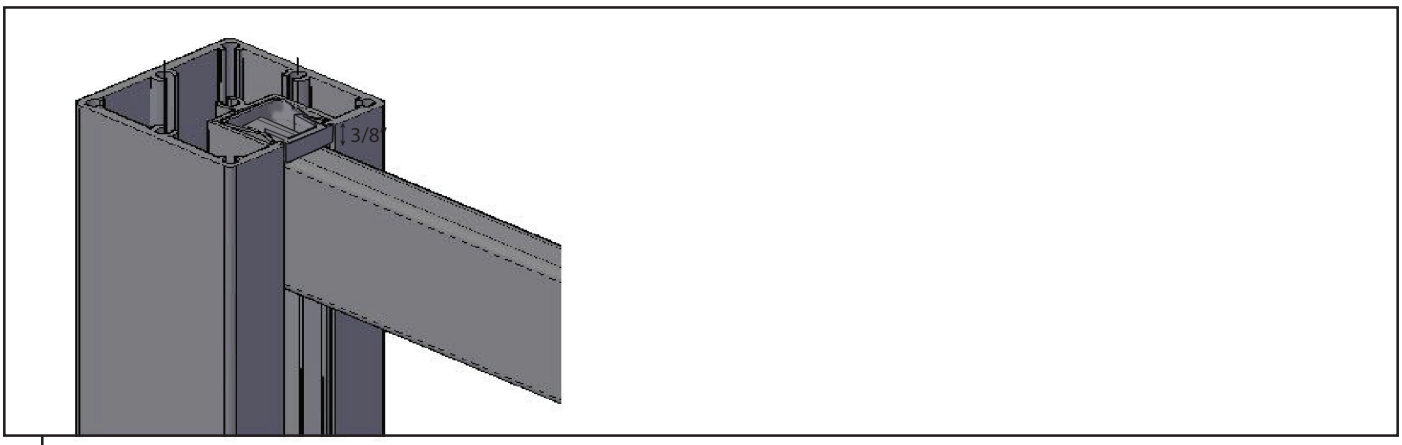


7 Install first slat in each span. Using spirit level, ensure slats are level.



8 Snap in spacer block above first slat into either side of pocket of post. Repeat for all slats.



9 Top slat finishes 3/8" below the top of the post.

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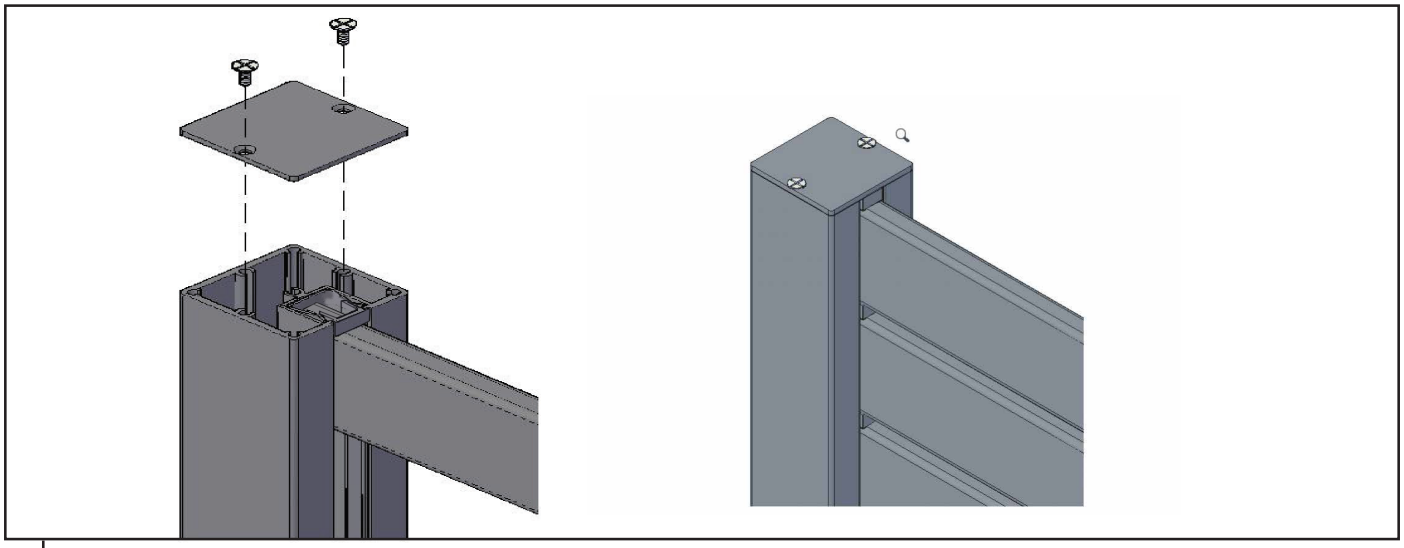

10 Finish with spacer block above slat and install top plate with supplied screws.

OPTIONAL EXTRA:

Centre support rail

11 **Install note:** Optional: **For spans in high wind areas, it is recommended to have a centre support rail.**

Place centre support rail against slats and screw off at each slat using wafer screws. Snap on fixing cover to hide screws, and apply the centre support rail top cap.

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APPENDIX 1

2.56" slat spacing table

1. **Ht of post** - Total height from ground to top of post (incl. top cap)
2. **Slat Qty** - Total number of slats required for height shown in corresponding rows. 2.56" slat sold in 2 packs.
   Slat spacing - Height of gap between each slat
   Ht from bottom of 1st slat to top of last slat - Height shown
3. includes spacers.
4. · Bottom slat: sits on top of end plate if using side frame. If using post system slat sits on top of starting block which you control the height of (you adjust this to meet overall height taking into consideration slopes and alignment of other panels)
   · Top slat: No spacer is generally used unless you need to fill post due to gap above slat

Overall screen height does not include any gaps below or above slat panel. It does take into consideration extrusion tolerances. Due to tolerance variations, you may need a spacer at top of panel to fill void.

Slat calculation formula = height / ((slat size + slat spacing)- spacing)

Always round down number to next lowest full slat EG 10.35 – qty of slat 10

Remaining portion slat you allow for in positioning of side frame on post or with friction fit post build fraction into starting block.

2 9/16" (65 mm) Slat			
1. HT OF POST	2. SLAT QTY.	3. SLAT SPACING	4. HT FROM BOTTOM OF 1ST SLAT TO TOP OF LAST SLAT
3′	14	Nil	36"
	12	3/8"(9mm)	35 1/4"
	11	1/2" (12.7mm)	33 7/8"
	10	1" (25.4mm)	35 3/4"
4′	18	Nil	46 3/8"
	16	3/8"	47"
	15	1/2"	46"
	13	1"	46 15/32"
5′	23	Nil	59 1/4"
	20	3/8"	58 3/4"
	19	1/2"	58 9/32"
	16	1"	57 3/16"
6′	28	Nil	72"
	24	3/8"	70 1/2"
	23	1/2"	70 17/32"
	20	1"	71 1/2
7′	32	Nil	82 13/32"
	28	3/8"	82 1/4"
	27	1/2"	82 11/16"
	23	1"	82 1/4"
8′	36	Nil	92 5/8 "
	31	3/8"	91 1/16"
	30	1/2"	92
	26	1"	93

6" slat spacing table

1. **Ht of post** - Total height from ground to top of post (incl. top cap)
2. **Slat Qty** - Total number of slats required for height shown in corresponding rows. 2.56" slat sold in 2 packs.
   Slat spacing - Height of gap between each slat
   Ht from bottom of 1st slat to top of last slat - Height shown
3. includes spacers.
4. · Bottom slat: sits on top of end plate if using side frame. If using post system slat sits on top of starting block which you control the height of (you adjust this to meet overall height taking into consideration slopes and alignment of other panels)
   · Top slat: No spacer is generally used unless you need to fill post due to gap above slat

Overall screen height does not include any gaps below or above slat panel. It does take into consideration extrusion tolerances. Due to tolerance variations, you may need a spacer at top of panel to fill void.

Slat calculation formula = height / ((slat size + slat spacing) - spacing)

Always round down number to next lowest full slat EG 10.35 – qty of slat 10

Remaining portion slat you allow for in positioning of side frame on post or with friction fit post build fraction into starting block.

6" (150 mm) Slat			
1. HT OF POST	2. SLAT QTY.	3. SLAT SPACING	4. HT FROM BOTTOM OF 1ST SLAT TO TOP OF LAST SLAT
3′	6	Nil	36"
	5	3/8"(9mm)	32 5/32"
	5	1/2"(12.7mm)	31 15/32"
	5	1"(25.4mm)	34 11/16
4′	8	Nil	48"
	7	3/8"	45"
	7	1/2"	44 1/32"
	6	1"	41 5/8"
5′	10	Nil	50
	9	3/8"	57 7/8"
	9	1/2"	56 5/8"
	8	1"	59"
6′	12	Nil	71 1/4"
	11	3/8"	70 3/4"
	11	1/2"	69 7/32"
	10	1"	69 3/8"
7′	14	Nil	83
	13	3/8"	83 9/16"
	13	1/2"	81 13/32"
	12	1"	83 1/4
8′	15	Nil	89 1/16"
	14	3/8"	91 1/16"
	14	1/2"	88 1/16
	13	1"	"90 3/16"

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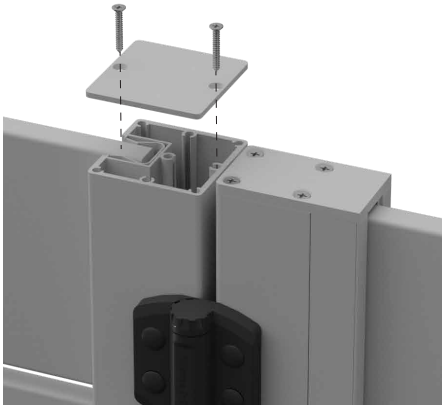
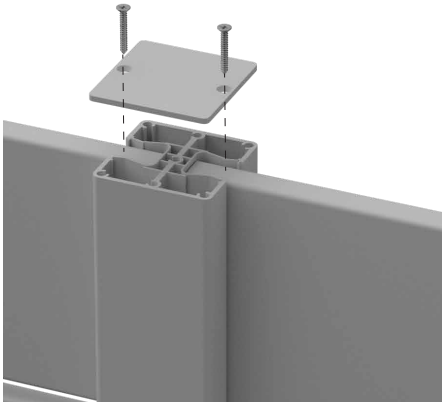
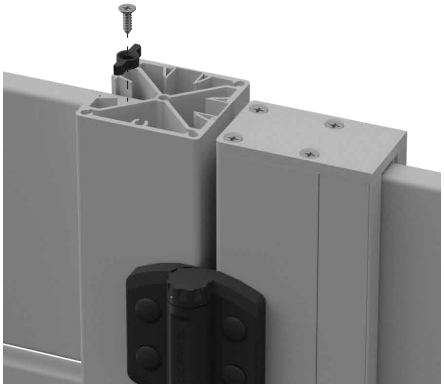
APPENDIX 2
HIGH WIND SITUATIONS



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.