



How To.

INSTALLATION GUIDE

INTRODUCTION

This guide provides extra information for the Quickscreen Plus System, including Box Contents, Installation Details and FAQs. Please contact Stratco if you have any further questions regarding the installation of your Quickscreen Plus system

QUICKSCREEN PLUS BOX CONTENTS (ALL ITEMS SOLD SEPERATELY)

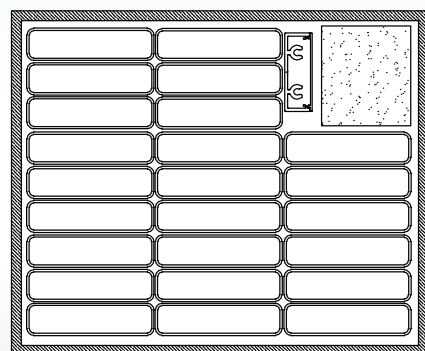
This section details the contents of all boxes in the Quickscreen system. Please note that each box is sold separately.

QUICKSCREEN PLUS SLAT BOX (95")

Contains enough slats for 1 fence panel. Posts must be purchased separately:

COMPONENT	QTY	DETAILS
SLATS	24	95"
MIDRAIL	1	70 ¾"
MIDRAIL COVER	1	70 ¾"
MIDRAIL END CAP	1	-
SELF TAPPING SCREWS	30	Wafer head #8 x 0.625"
INSTALL INSTRUCTIONS	1	Quickscreen plus side frame
INSTALL INSTRUCTIONS	1	Quickscreen plus 1 way, 2 way and corner post system

Note: Maximum height achievable from top slat to bottom slat is 70 ¾"



QUICKSCREEN PLUS

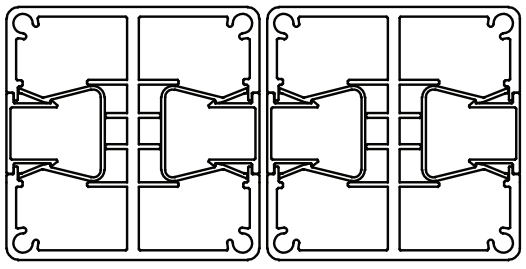
DESIGN GUIDE

QUICKSCREEN PLUS BOX CONTENTS (ALL ITEMS SOLD SEPERATELY)

QUICKSCREEN PLUS 2-WAY POST BOX

Contains components for 2x 2-Way Posts:

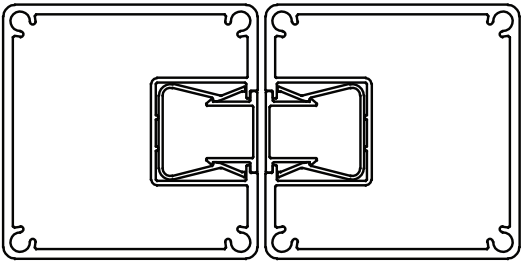
COMPONENT	QTY	DETAILS
POSTS	2	2 1/2" x 2 1/2" x 96"
FRICTION FIT INSERT	4	96"
POST INSERT	4	24"
POST END CAP	2	2 1/2" x 2 1/2" x 96"
SPACER BLOCKS	100	4 packs of 25



QUICKSCREEN PLUS 1-WAY POST BOX

Contains components for 2x 1-Way Posts:

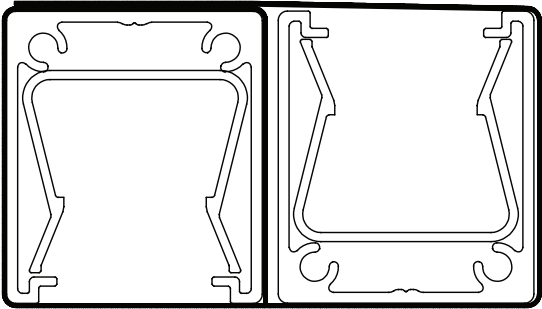
COMPONENT	QTY	DETAILS
POSTS	2	2 1/2" x 2 1/2" x 96"
FRICTION FIT INSERT	2	96"
POST INSERT	2	24"
POST END CAP	2	2 1/2" x 2 1/2" x 96"
SPACER BLOCKS	50	2 packs of 25



QUICKSCREEN PLUS SIDEFAME BOX

Contains components for 2x Sideframe Posts:

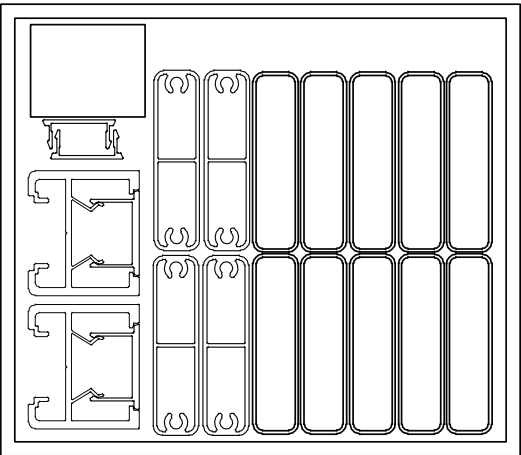
COMPONENT	QTY	DETAILS
SIDE FRAME	2	70 3/4" long
FRICTION FIT INSERT	2	70 3/4" long
FRAME END CAPS	4	Fix with 6G s/steel screws (not supplied)
SPACER BLOCKS	50	2 packs of 25



QUICKSCREEN PLUS GATE BOX

Contains components for 1x Gate, excluding latch and hinge hardware (hardware sold separately):

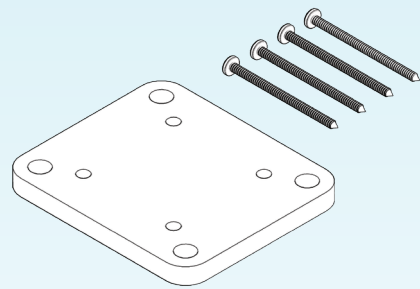
COMPONENT	QTY	DETAILS
GATE FRAME	2	70 3/4" long
GATE FRAME SLOTTED SPACER	2	70 3/4" long
GATE FRAME SCREW COVER	2	70 3/4" long
SCREWED SLATE	4	34 1/4"
SLATS	20	34 1/4"
FRAME END CAPS	2	-
SCREWS	17	Hex head #12 2 3/4" self tapping



QUICKSCREEN PLUS BASE PLATE KIT

Contains components for 1x Base Plate:

COMPONENT	QTY	DETAILS
BASE PLATES	1	4" x 4 1/2"
SCREWS	4	12 G 3" countersunk screws

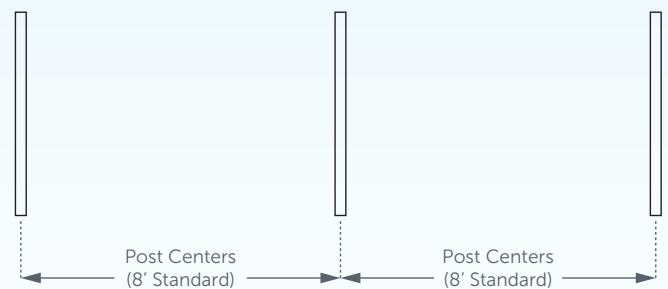


QUICKSCREEN PLUS INSTALLATION DETAILS

INLINE POST INSTALLATION

Requires 2-way posts for the middle of the fence run and 1-way posts for each end of the fence run. Fencing slats can be cut-back to create a shorter panel using the following formula:

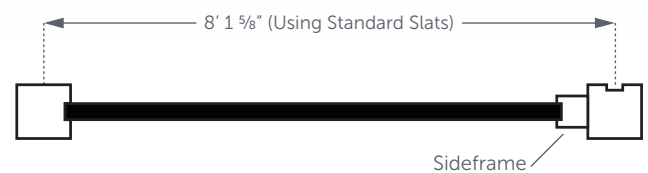
Required Slat length = 'Post center distance' minus 1"



CORNER POST LAYOUT

Requires one way posts and side frame kit. To adjust the panel width between the post and the side frame kit, as shown to the right, use the following formula:

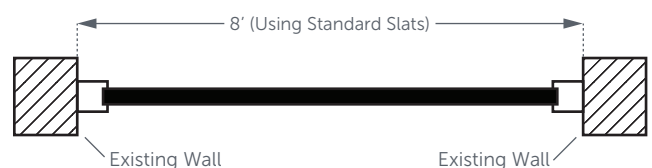
Required Slat length = 'Post Center Distance' minus 2 9/16"



SIDE FRAME INSTALLATION

For use between existing structures or custom made posts. Required slat length is calculated using the following formula:

Required Slat length = Opening less 1"



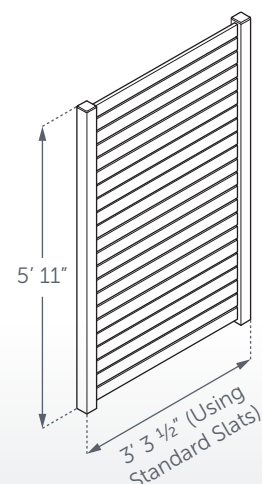
GATE

Standard gates are 5' 11" x 3' 3 1/2" (H x W). Slats are spaced at approx. 3/8" (9mm). To build a gate to a different width use the following formulas:

Overall gate width = Outer edge to outer edge of gate side frame

Required slat length = overall gate width minus 1 7/16" (36mm)

Note: Please refer to your hinge kit details for gate opening allowances.

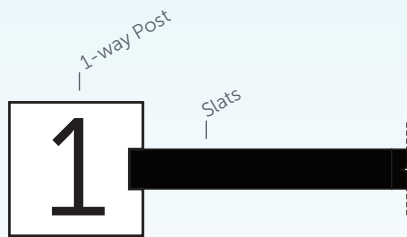


QUICKSCREEN PLUS DESIGN GUIDE

The following design guide is to be used to assist in the design of a fencing layout. Once the layout of a design has been finalised, the exact number and type of boxes can be selected.

END/START OF FENCE RUN

Use 1-Way Posts to start and end a fence run. Posts are to be fixed to the ground using either Base Plates (for fixing to concrete slabs or other hard surfaces) or by concreting the post in place.



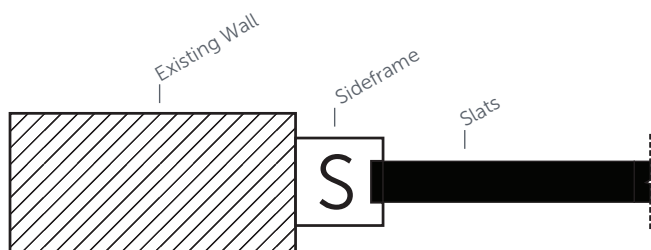
MIDDLE OF FENCE RUN

Use 2-Way Posts to join two panels in a straight line.



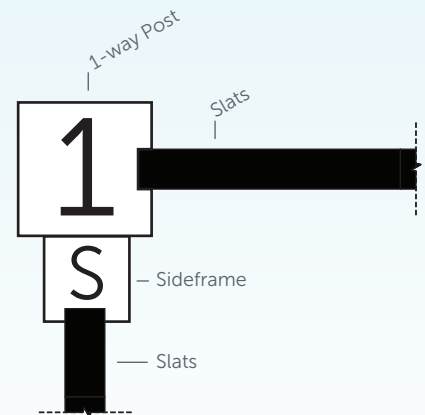
JOINING FENCE RUN TO EXISTING WALL

Use Sideframe to join panels to existing walls or existing posts.



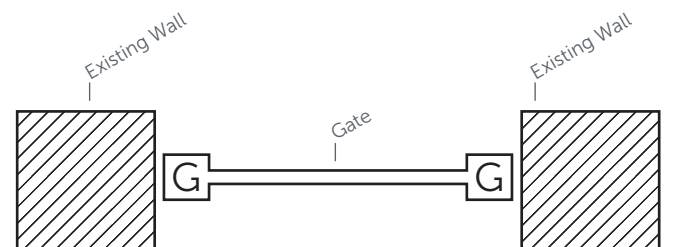
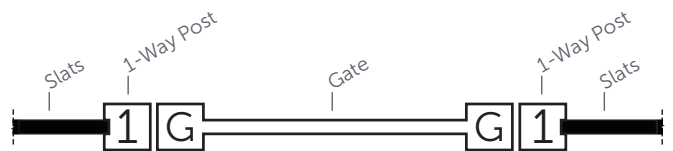
CREATING A 90° CORNER

Use a combination of a Sideframe and 1-Way Post to create a 90° corner between two fence panels.

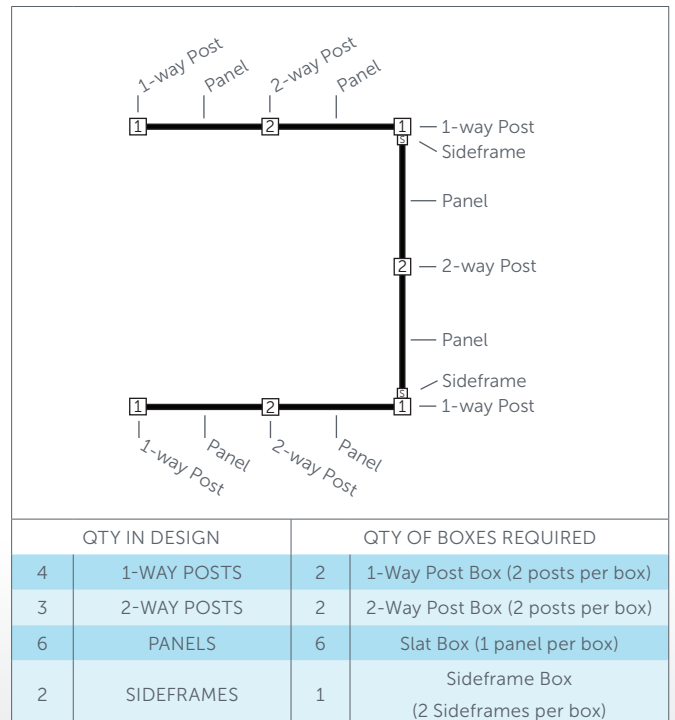
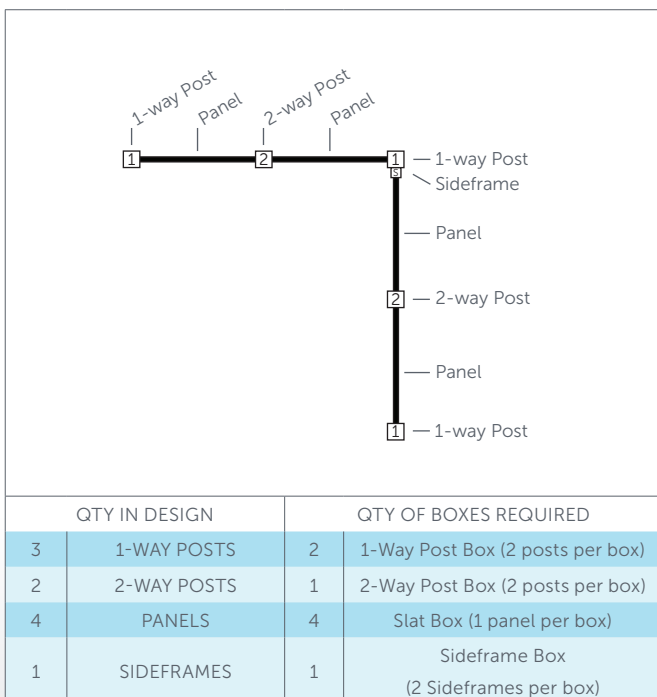
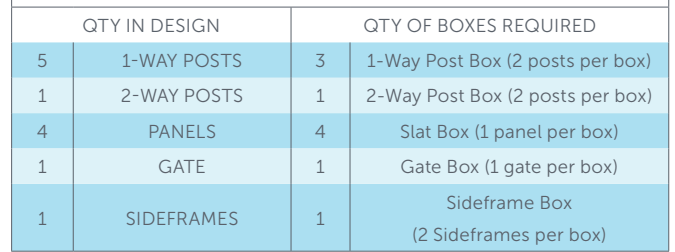
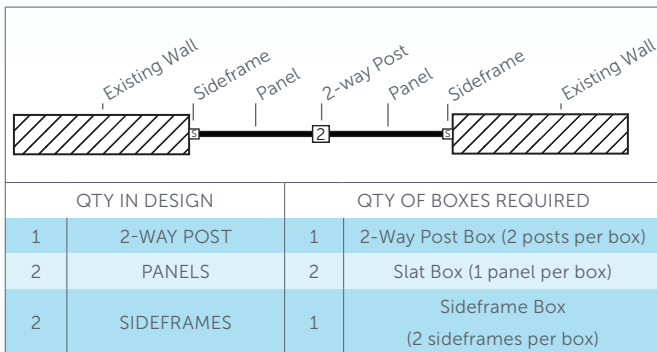
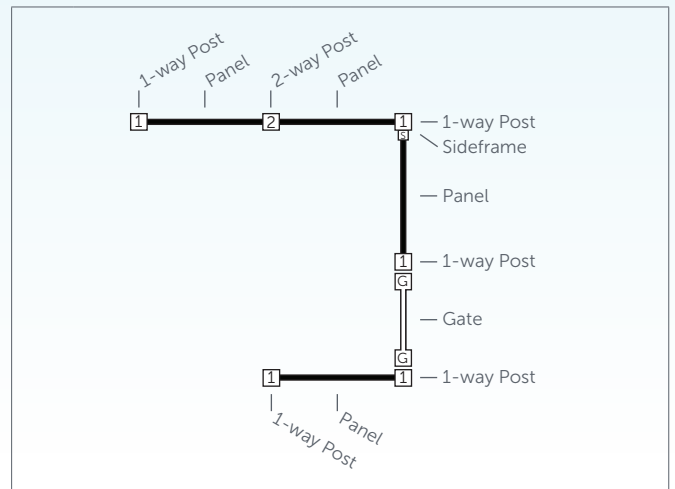
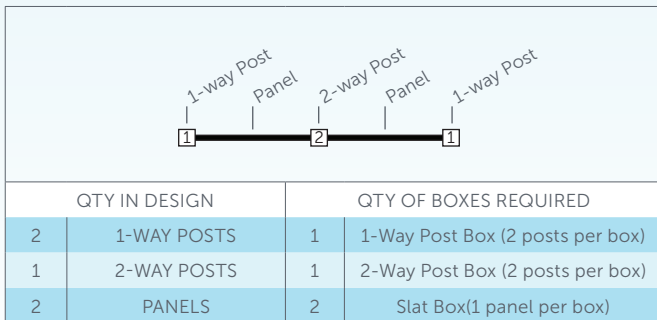
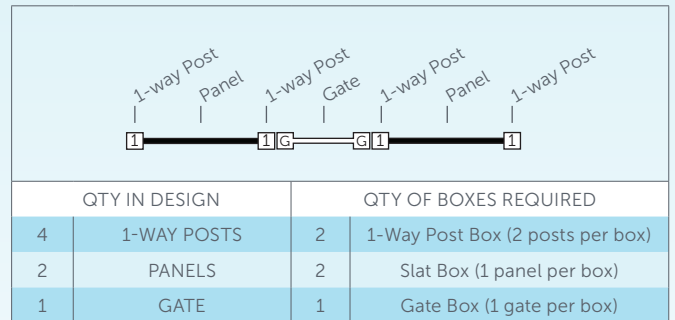
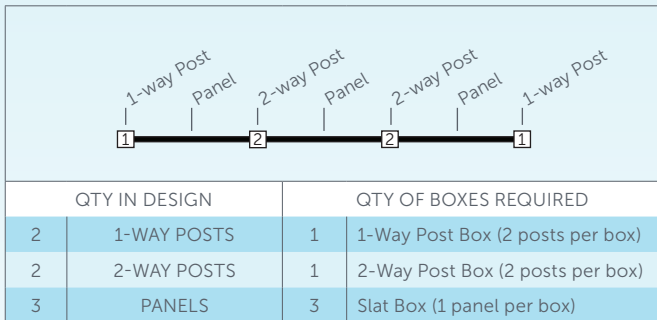


ADDING A GATE

Gates must be attached using latch and hinge hardware (sold separately) to either one way posts or existing walls.



QUICKSCREEN PLUS DESIGN GUIDE: EXAMPLES



FREQUENTLY ASKED QUESTIONS

Q: Can you cut down the frames and slat?

A: Yes, the product is made from aluminum so easy to cut. All you require is a drop saw with an aluminum cutting blade.

Q: Is the product durable and will it stand the test of time?

A: Yes, aluminum is an extremely durable metal, especially in coastal conditions. As an example, it is used to make boat pontoons which sit in and on the water.

Q: Can you adjust the height and or the width of the screen?

A: Yes, this is very easy to do:

Width – Simply cut the slat taking into consideration necessary deductions to achieve correct width (refer install instructions)

Height – Simply cut the posts/frames to suit, taking into consideration the spacing between the slat (refer install instructions)

Q: Can I have a different gap other than 9mm or 20mm between slats?

A: Yes, you can on a screen but not a gate. On a screen all you need to do is slide the inner channels out of the frame and then screw the slats off in their desired positions. Make sure to screw off in a position where will not obstruct the sliding of the channels back into the posts. (screws are not supplied)

Q: How do I fit a screen on an angle?

A: All you need to do is stop the post and install a new post to suit the new angle. (double post)

Q: Why would I buy this product over a traditional timber fence?

- › Aluminum will not crack, split or warp
- › Due to powder coat finish sustains color stability and does not require continual repainting.
- › Aluminum is easily recyclable and due to its lifecycle is eco-friendly
- › Aluminum is non-combustible (fire retardant)
- › Aluminum is corrosion resistant (minimal maintenance required)
- › Aluminum is light weight and easy to work with
- › Aluminum achieves greater spans without bracing - less posts, rails etc. required
- › Aluminum is insect proof so not effected by termites, white ants etc.
- › Aluminum is freeze and frost resistant
- › Aluminum is non-porous so does not stain easily and is easy to clean. Not effected by moisture, mold or mildew

- › Quick screen plus is so quick and easy to assemble compared to timber. Once posts installed would work on approx. 5 minutes per section
- › Is generally more cost effective than timber once you take into consideration all factors including maintenance and labor.

Q: Why would you buy Quick screen plus over composite fencing?

- › Composite is generally not resistant to mould and mildew, especially in shade
- › Composite eventually shows signs of age and decay
- › Composite tends to sag and bend more than wood

Q: What is the powder coat warranty and what do I need to do to ensure longevity?

A: Akzo Nobel provide us a 10-year warranty on the powder coat finish. Maintenance is very simple and varies depending on your proximity to the ocean. If you notice a build up of grime or salt spray from the ocean, clean down with water and if required a mild detergent.

Q: Can you have the slat on an angle or able to fix on out of square walls?

A: Yes, this is easy to do. As an open channel design, simply cut the appropriate angle at each end of the slat to accommodate clear fixing in the frame. If the walls are out-of-square, either cut the blades slightly shorter taking into consideration that the blades must engage with the friction-fit insert, or, if severely out of square, cut the slat on an angle.

Q: What Gate hardware do you recommend with A Quick screen Plus gate?

A: We use the D&D technologies Lokk Latch Deluxe and Tru-close Heavy Duty Hinges. You can use other gate hardware out there similar however it is important to remember the gate has a packer that is supplied and designed to mirror the Lokk latch deluxe. This is to eliminate any fixing issues.

Q: Can you adjust the height and or width of the gate?

A: Yes, this is easy to do, ensure you work within the slat positions on the gate frame. (refer install instructions)

Q: Is the side frame integrated into the one way and two way posts, or do you need purchase this separately and attach it to the post?

A: The one way and two way posts come with everything that you need to be used with the Slat Box. The posts have a 'U' shaped slot built into them, one slot in a one way post and two slots in the two way post. There is a 'friction insert' that sits inside of the slot which holds the slats in position



FREQUENTLY ASKED QUESTIONS

when you push them into the 'U' channel. You insert a spacer, provided in the Slat Box, to keep the separation between the slats uniform and there is a 'post insert' to fill in any gap at the top or bottom of the 'U' channel once all of the slats have been put in place. The top of the post is then capped off with a post cap to provide a nice neat finish.

Q: Do I need to purchase a base plate kit?

A: If you intend to concrete your post directly into the soil then you will not need a base plate kit. The base plate kit is only required when you intend to install your fence directly onto an existing concrete or other rigid base. If you will be installing the post onto an area that has brick or concrete

paving blocks it is recommended that the paving blocks be removed and the post be mounted into a concrete footing and the paving blocks be replaced and cut to fit around the post.

Q: Can I leave soil and mulch in direct contact with the screen once it has been installed?

A: Soil and mulch should not be left in contact with the product as this may result in the finish of the product to rapidly deteriorate. If installing the post into a concrete footing the footing should be sloped to encourage water to drain away from the post



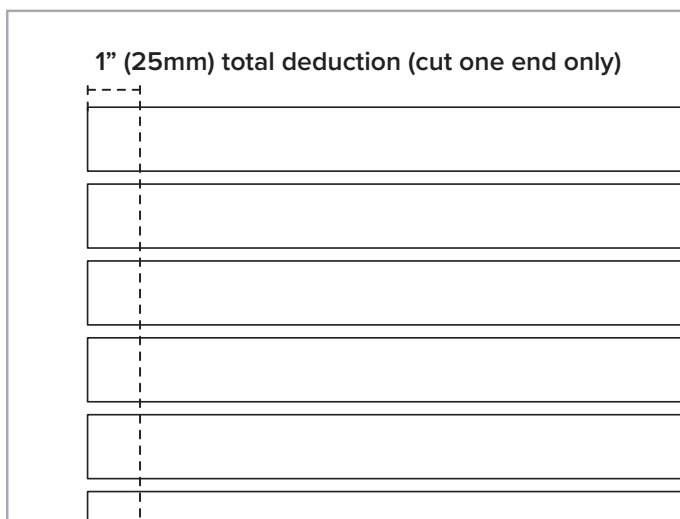
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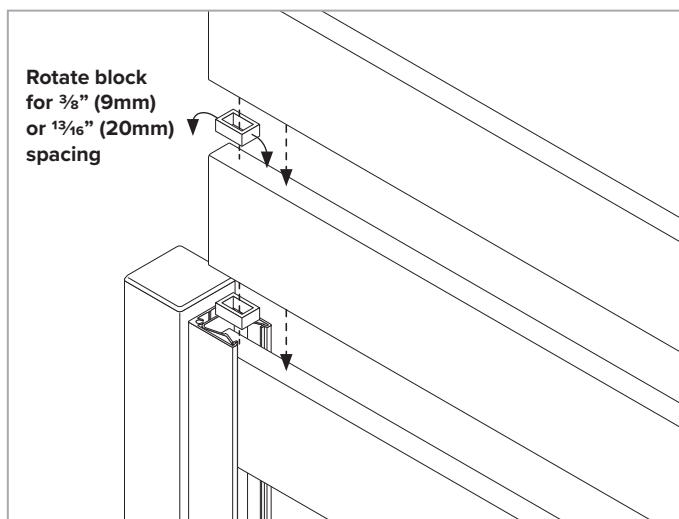
How To.





STEP 5

Cut aluminium slats **1" (25mm)** less than total width of opening. Refer to measurement in step 1. The **1" (25mm)** deduction takes into account thickness of side frame on both sides of the screen.



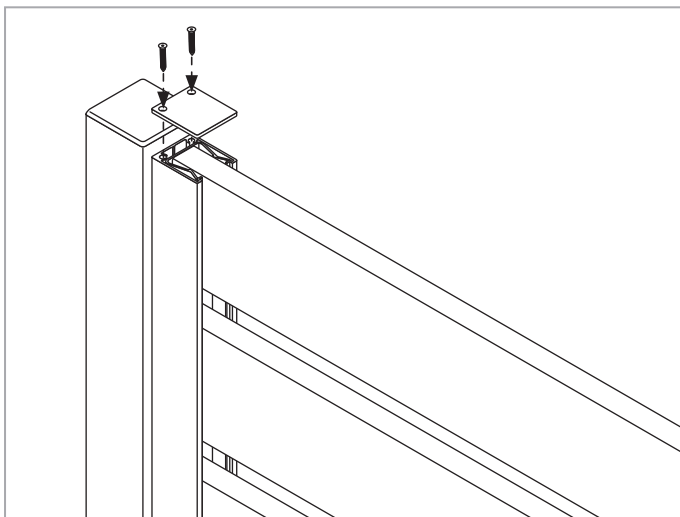
STEP 6

Push slats down into side frame ensuring spacer blocks are placed between each slat.

Install tip: Place spacer block on bottom plate before pushing first slat down so that first slat sits on a spacer block.

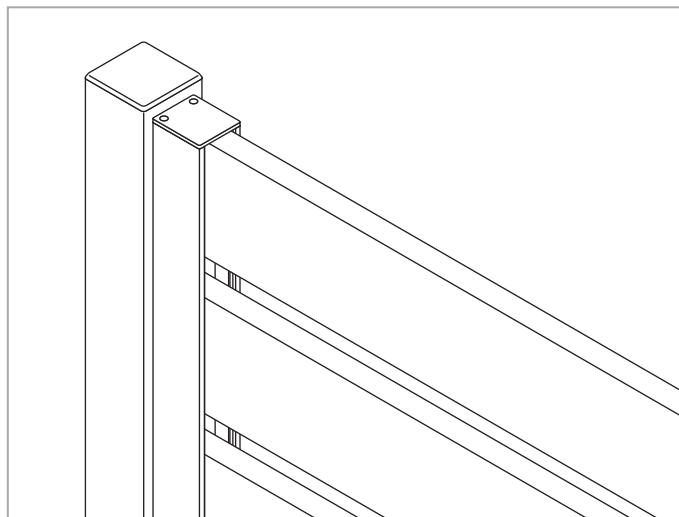
Spacer blocks supplied in kit allow slat spacing of $\frac{3}{8}$ " (9mm) or $\frac{13}{16}$ " (20mm). If a different spacing is required, source appropriate spacer blocks to achieve your desired slat spacing.

Spacer blocks are NOT removed after inserting slats and remain as part of the assembled screen.



STEP 7

Once all slats are in place, carefully reattach top cap with screws.



FINISHED!

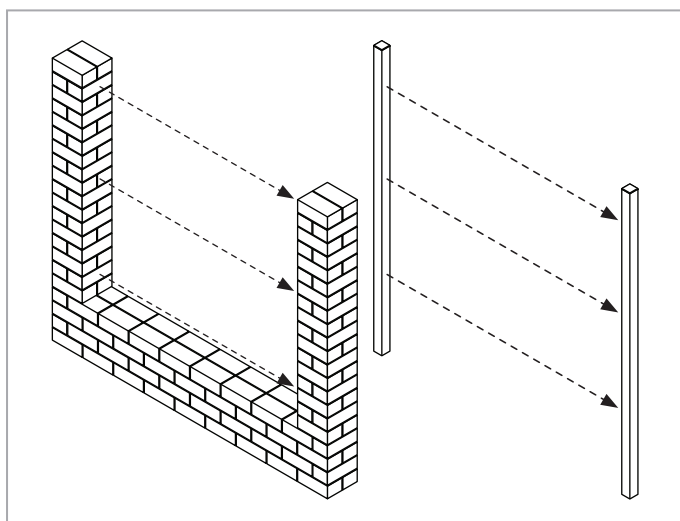
HEIGHT ADJUSTMENT

To adjust height simply cut outer frame and inner gripping channel as required to desired height.

NOTE: Exact heights depend on spacing of slats. Please take care before cutting side frames to ensure height has been calculated correctly

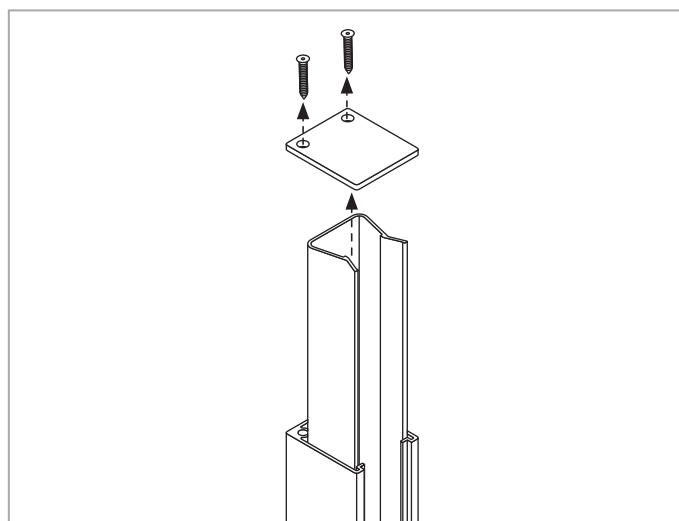
TOOLS REQUIRED FOR INSTALLATION

- METAL TAPE MEASURE
- SPIRIT LEVEL
- PHILLIPS HEAD SCREWDRIVER BIT (FOR DRILL)
- CARPENTERS PENCIL
- POWER AND/OR CORDLESS DRILL
- TIMBER, MASONRY OR STEEL DRILL BITS (AS NEEDED)
- DROP SAW WITH SUITABLE BLADE FOR CUTTING ALUMINIUM (IF ADJUSTING HEIGHT OR WIDTH)



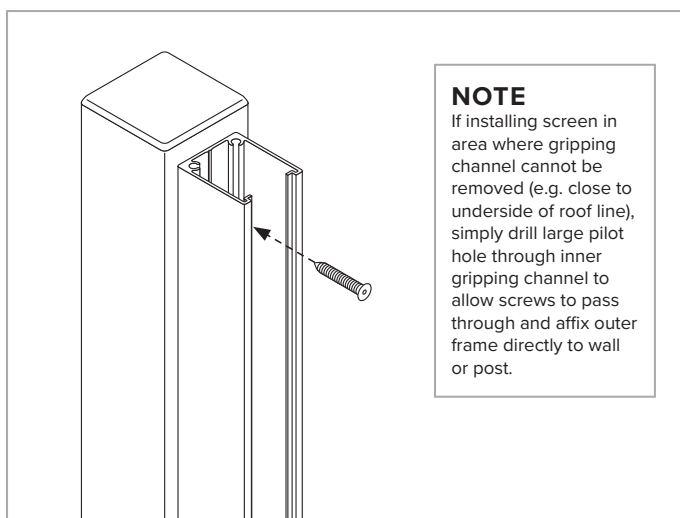
STEP 1

Take measurement between wall or post at 3 points: top, middle and bottom.
Take note of the smallest width measurement.



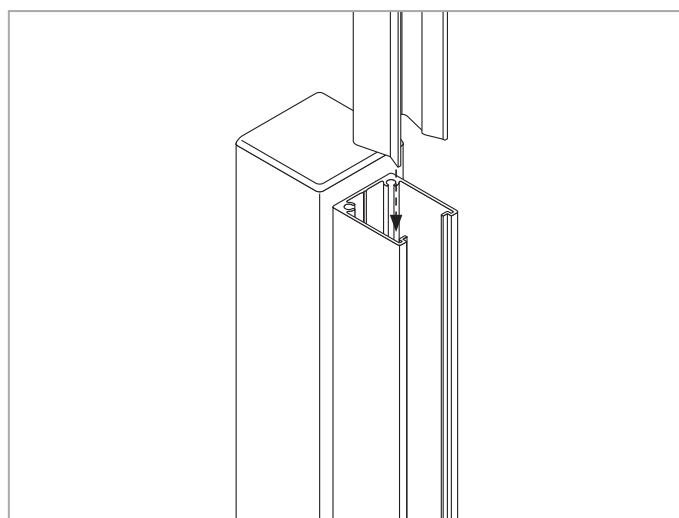
STEP 2

Remove top cap and set aside for later use (Do not remove cap from bottom end of side frame).
Slide out the inner gripping channel.



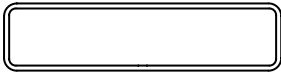
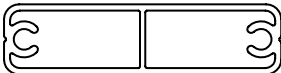
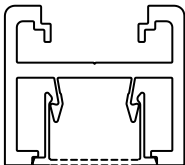
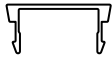
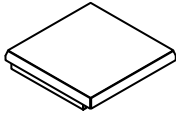
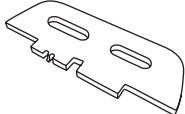
STEP 3

Affix outer frame to post or wall with screws (sold separately)

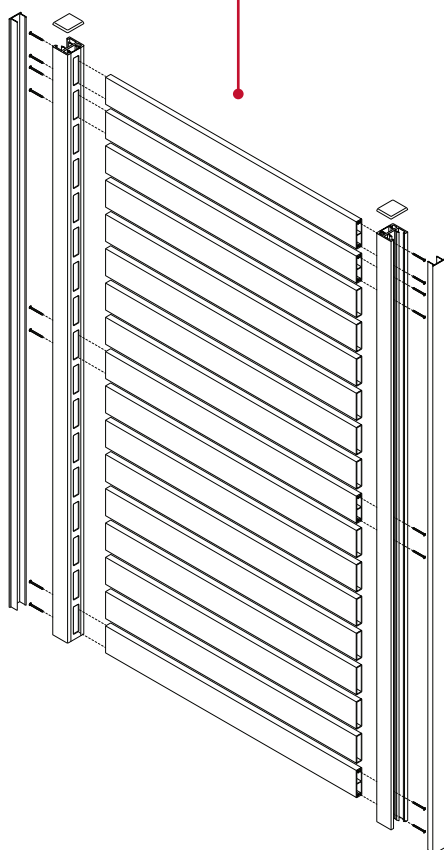


STEP 4

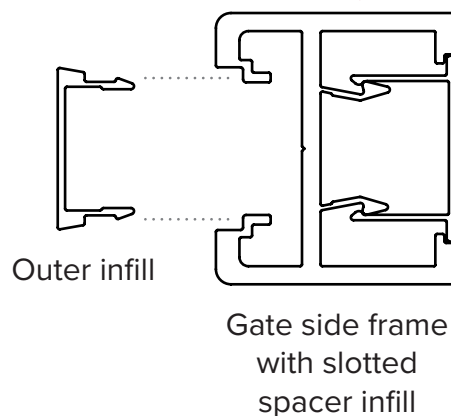
Slide inner gripping channel back into outer frame

PROFILE	DESCRIPTION	LENGTH	QTY
	2 1/2" x 5/8" slat (65x16mm slat)	3' 1 25/32" (964mm)	20
	2 1/2" x 5/8" gate slat (65x16mm gate slat)	3' 1 25/32" (964mm)	4
	Gate side frame with slotted spacer infill	5' 11" (1797mm)	2
	Outer infill	5' 11" (1797mm)	2
	Top cap	-	2
	Hex head screws	-	17
	D&D latch packer	-	1

EXPLODED VIEW



SIDE FRAME CONSTRUCTION



HEIGHT ADJUSTMENT OF GATE FRAME

- Using an aluminium saw, cut the **gate side frames** and **outer infills** to the required height. Gates are pre-made at 5' 11" (1797mm) high but can be height adjusted as required.

NOTE: Side frame heights are governed by the slotted spacer

WIDTH ADJUSTMENT OF SLATS

- Gates are pre-made at 3' 3 1/2" (1000mm) wide "Overall gate width" (outer edge of gate frame to outer edge of gate frame). If a narrower width is required, refer to below:
Using an aluminium saw, cut all **slats** and **gate slats** to suit the required overall gate width. If height of gate is reduced, count how many slat spaces are required to suit that height.

Note: You must always use 4x gate slats to make a gate

NOTE

1

ACTUAL SLAT WIDTH

=

OVERALL GATE WIDTH

(i.e. outer edge to outer edge of gate side frame)

MINUS

1 7/16" (36MM)

NOTE

2

You need to allow for hinge and latch gaps. Check hinge and latch hardware specifications for gaps required and take this information into account when determining OVERALL GATE WIDTH



TOP OF GATE

TIP: Remove gate top caps before cutting down



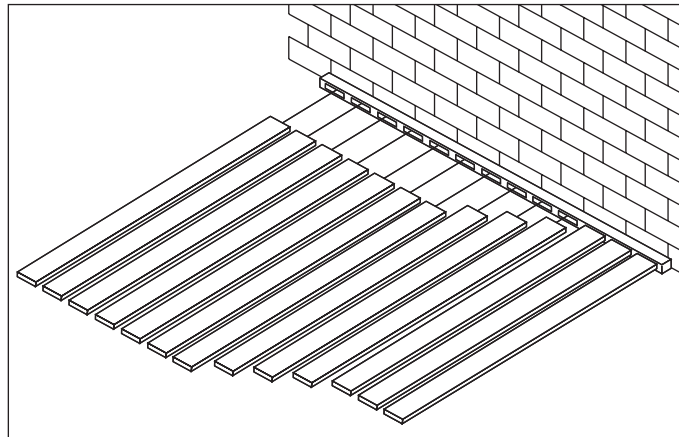
Cut side frame at the top of slot to leave 8mm space at the top and bottom of frame

OFFCUT

(After side frame is cut down)

GATE SIDE FRAME

- 3 On a flat protected surface, lay 1x **gate side frame** with **slotted spacer infill** and rest against a padded stop and tap **slats** into place.



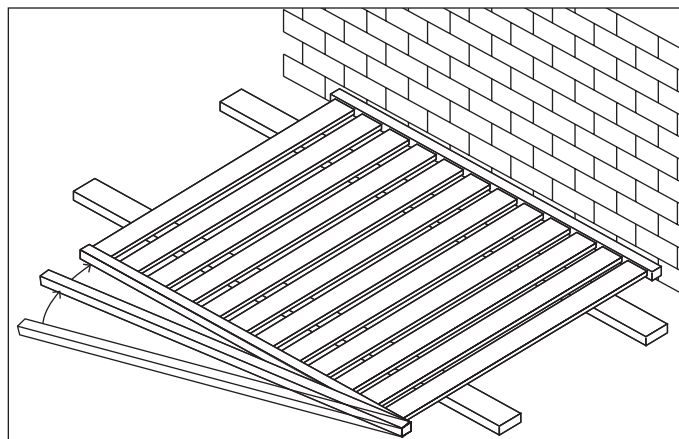
GATE SLAT POSITIONING

- 2x at top of gate
- 1x at middle of gate
- 1x at bottom of gate



NOTE: 4x gate slats must be used even when gate height is reduced

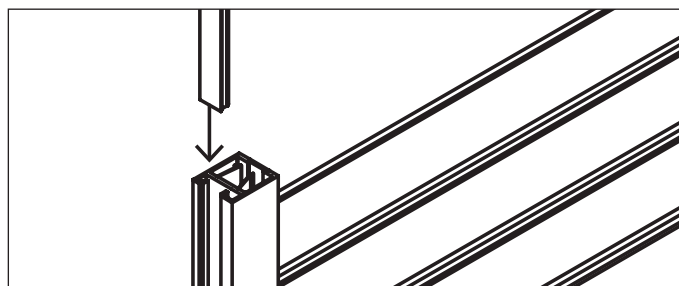
- 4 Elevate the **slats & gate side frame** on two padded bearers to allow the second **gate side frame** to be attached.
Engage the second **gate side frame** to the **slats** and tap the frame until all the slats are fully engaged.
TIP: Start at one end and work slats in from one end to the other.



- 5 Check measure diagonals to ensure the gate is square.

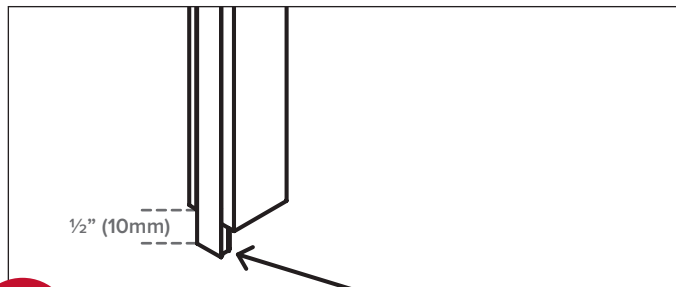
- 6 Screw all **gate slats** (4 screws per slat).
NOTE: Set cordless drill to "screw function" to avoid breaking screw heads.

- 7 Slide in the 2x **outer infills** into position to hide screw heads.



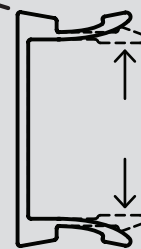
- 8** Slide 2x **outer infills** past end of **gate side frame** approximately $\frac{1}{2}$ " (10mm), then using pliers, bend inner legs of **outer infill** slightly outwards.

Tap **outer infill** back to level with **gate side frame**. This step is required to stop the **outer infill** from sliding down.



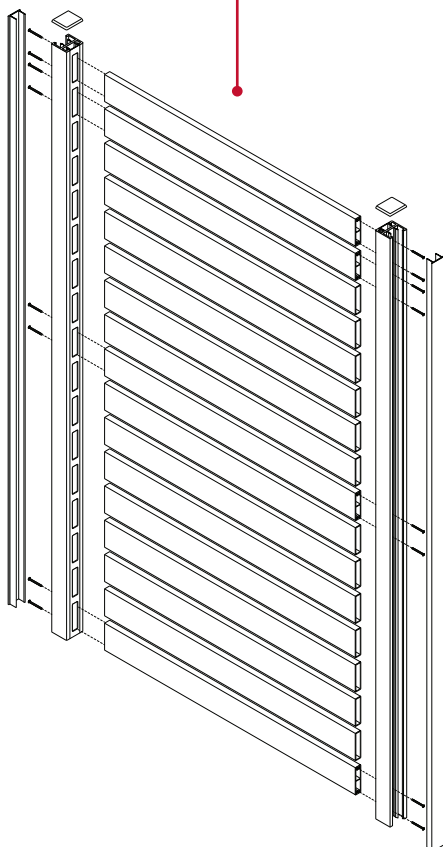
Important note:

Using pliers, bend inner legs of outer infill slightly outward to lock into position.

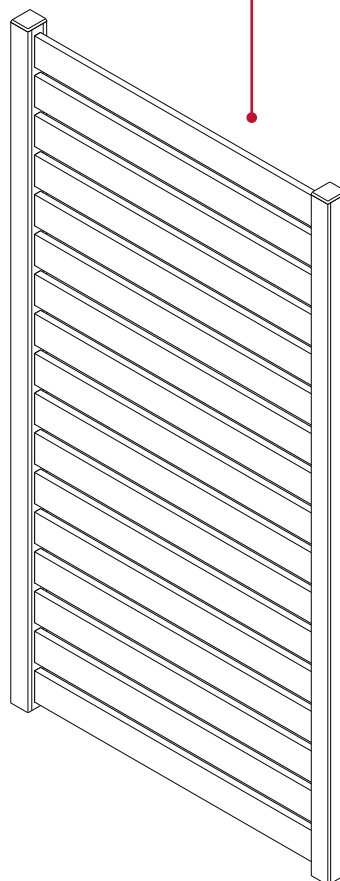


- 9** Insert **top caps** into side frames.

EXPLODED VIEW

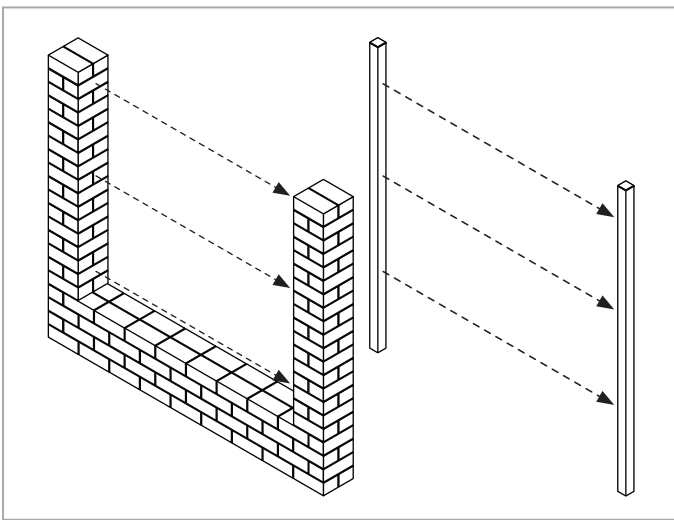


COMPLETE GATE



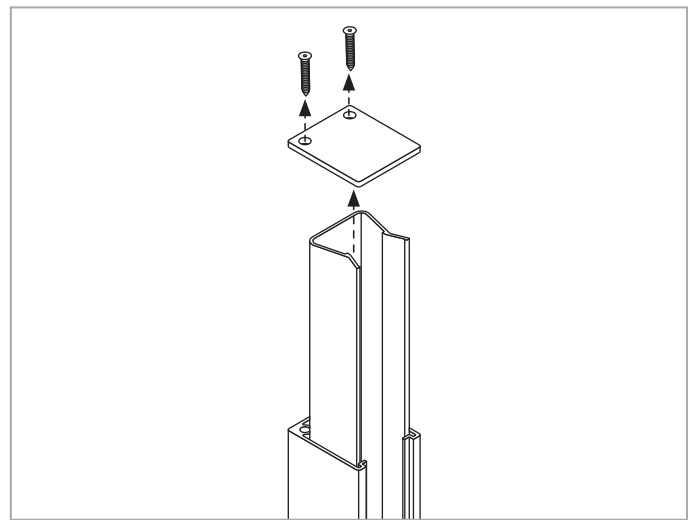
TOOLS REQUIRED FOR INSTALLATION

- METAL TAPE MEASURE
- SPIRIT LEVEL
- PHILLIPS HEAD SCREWDRIVER BIT (FOR DRILL)
- CARPENTERS PENCIL
- POWER AND/OR CORDLESS DRILL
- TIMBER, MASONRY OR STEEL DRILL BITS (AS NEEDED)
- DROP SAW WITH SUITABLE BLADE FOR CUTTING ALUMINIUM (IF ADJUSTING HEIGHT OR WIDTH)



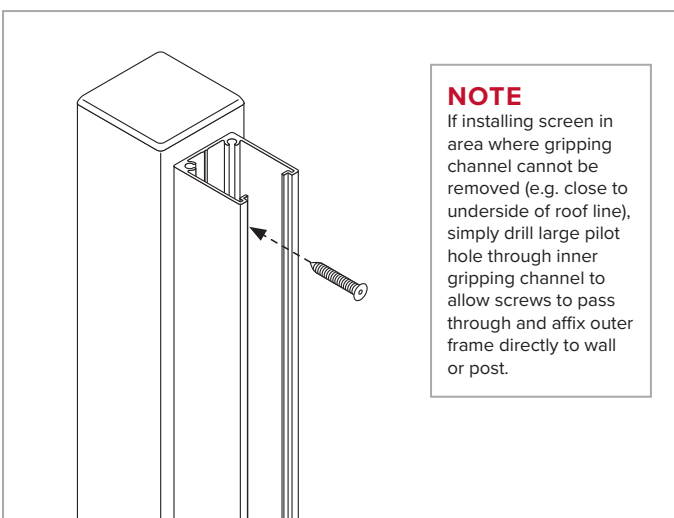
STEP 1

Take measurement between wall or post at 3 points: top, middle and bottom.
Take note of the smallest width measurement.



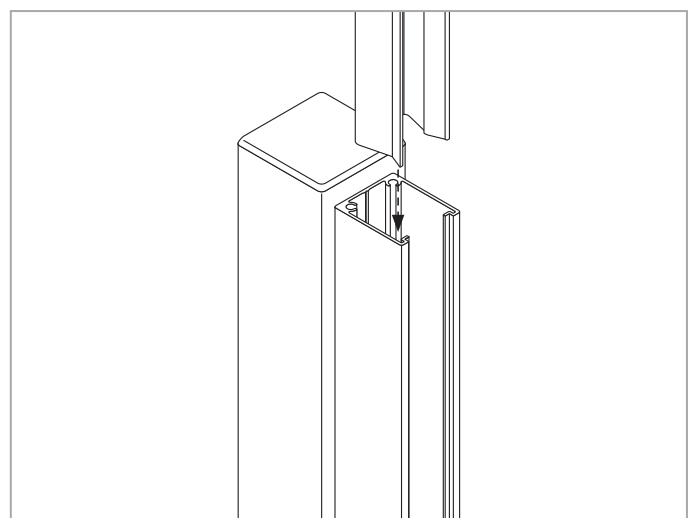
STEP 2

Remove top cap and set aside for later use (Do not remove cap from bottom end of side frame).
Slide out the inner gripping channel.



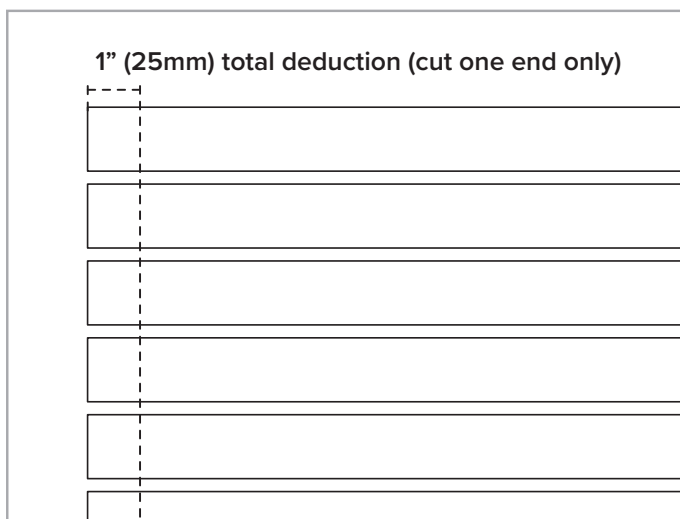
STEP 3

Affix outer frame to post or wall with screws (sold separately)



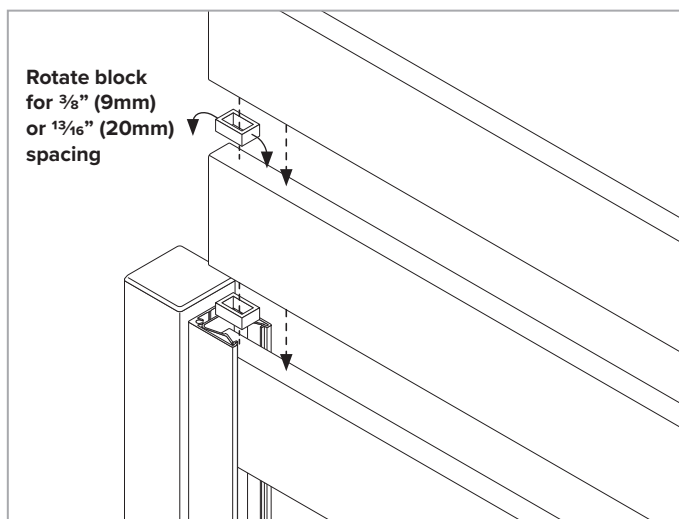
STEP 4

Slide inner gripping channel back into outer frame



STEP 5

Cut aluminium slats **1" (25mm)** less than total width of opening. Refer to measurement in step 1. The **1" (25mm)** deduction takes into account thickness of side frame on both sides of the screen.



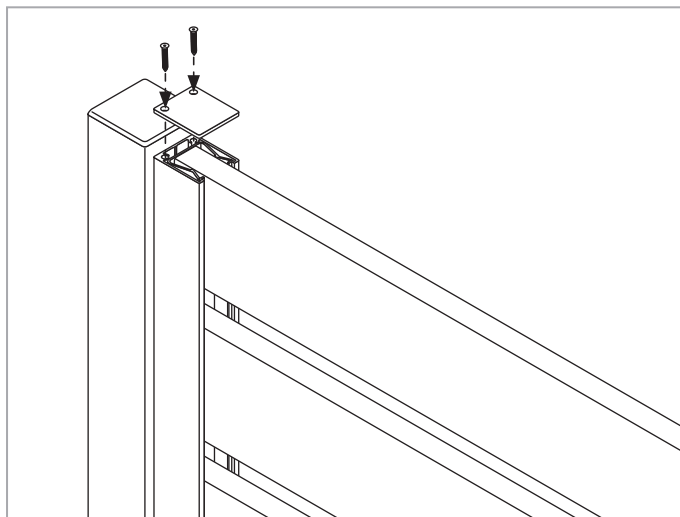
STEP 6

Push slats down into side frame ensuring spacer blocks are placed between each slat.

Install tip: Place spacer block on bottom plate before pushing first slat down so that first slat sits on a spacer block.

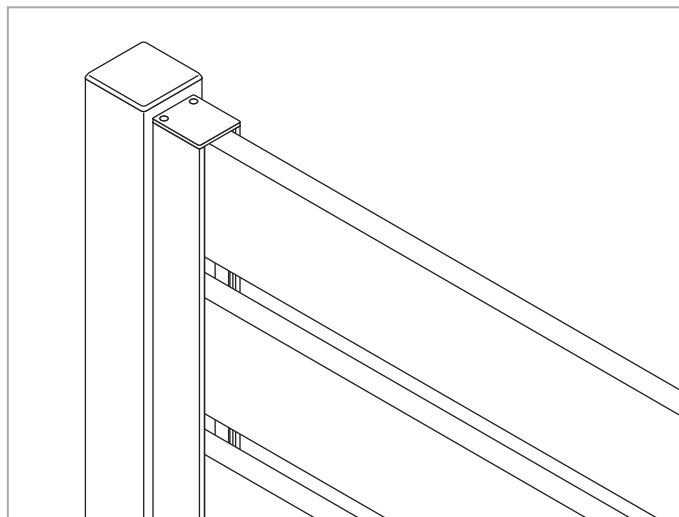
Spacer blocks supplied in kit allow slat spacing of $\frac{3}{8}$ " (9mm) or $\frac{13}{16}$ " (20mm). If a different spacing is required, source appropriate spacer blocks to achieve your desired slat spacing.

Spacer blocks are NOT removed after inserting slats and remain as part of the assembled screen.



STEP 7

Once all slats are in place, carefully reattach top cap with screws.



FINISHED!

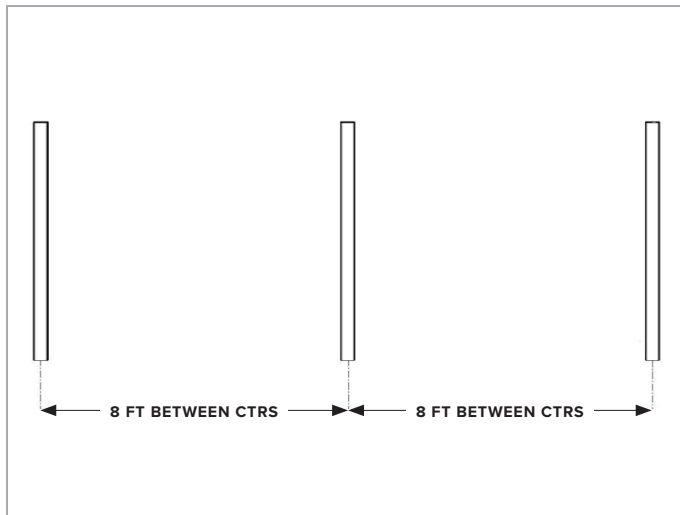
HEIGHT ADJUSTMENT

To adjust height simply cut outer frame and inner gripping channel as required to desired height.

NOTE: Exact heights depend on spacing of slats. Please take care before cutting side frames to ensure height has been calculated correctly

TOOLS REQUIRED FOR INSTALLATION

- METAL TAPE MEASURE
- SPIRIT LEVEL
- PHILLIPS HEAD SCREWDRIVER BIT (FOR DRILL)
- CARPENTERS PENCIL
- POWER AND/OR CORDLESS DRILL
- TIMBER, MASONRY OR STEEL DRILL BITS (AS NEEDED)
- DROP SAW WITH SUITABLE BLADE FOR CUTTING ALUMINIUM (IF ADJUSTING HEIGHT OR WIDTH)



STEP 1 A) INLINE POST INSTALLATION

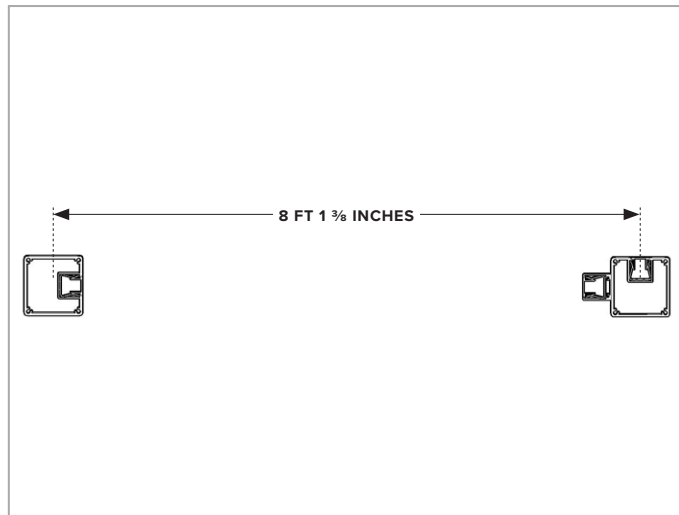
Set out posts and allow 8 feet* from center to center, making sure that all posts are plumb in all directions.

**When using 7' 11" (2415mm) wide slat packs*

Installation tip: Panel width may be adjusted by cutting slats using appropriate aluminium cutting blade.

FORMULA:

Adjusted slat width = Center to center of post MINUS 1" (25mm)



STEP 1 B) CORNER POST INSTALLATION

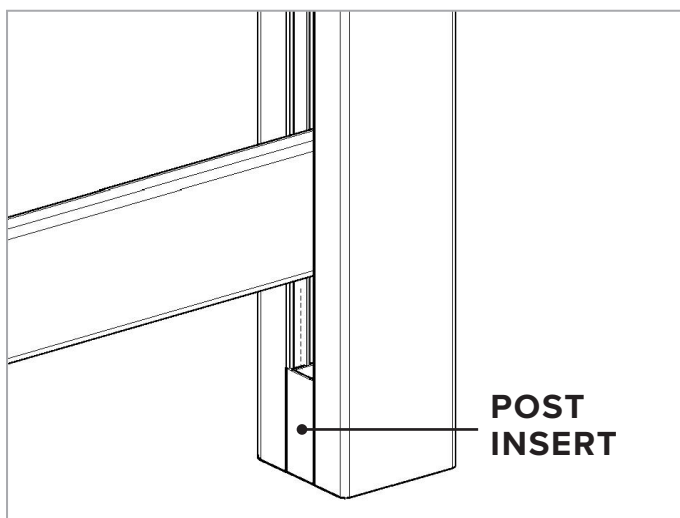
For corner post with side frame attached, allow 8 feet 1 3/8 inches center to center.

**When using 7' 11" (2415mm) wide slat packs*

Installation tip: Panel width may be adjusted by cutting slats using appropriate aluminium cutting blade.

FORMULA:

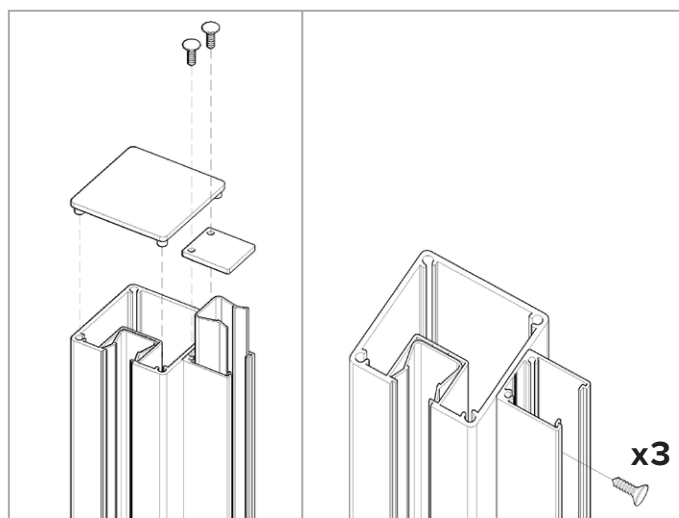
Adjusted slat width = Center to center of post MINUS 2 1/4" (58mm)



STEP 2

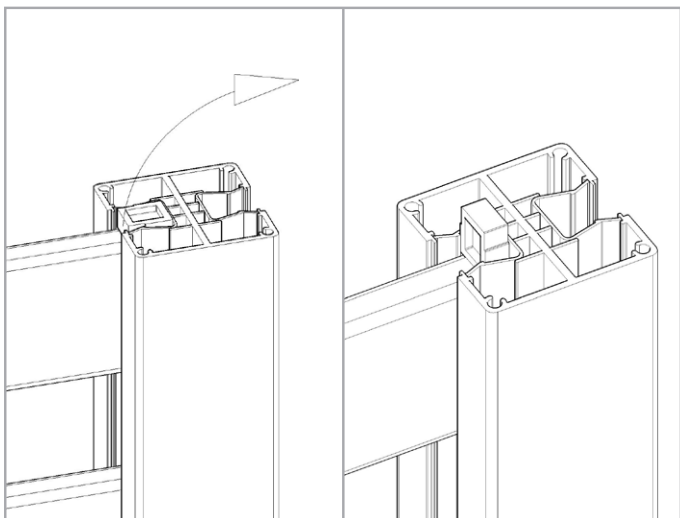
If setting the posts in the ground, place posts approximately a depth of 2 feet (**Height of post can be cut to desired height using appropriate cutting blade**).

Adjust the post insert to the height that you want the first slat to be off the ground before filling the post hole.



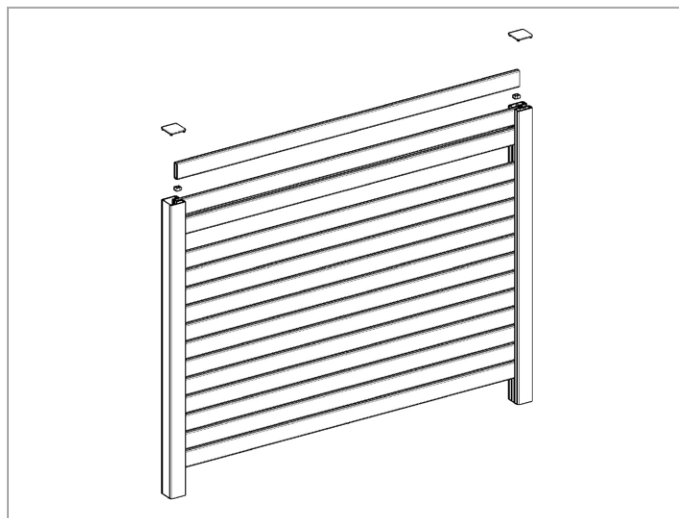
STEP 3

For the corner post, it is necessary to attach the side frame as shown. First, remove the end caps, followed by the inner u channel then attach the outer u channel to the post with the 3 wafer head screws supplied (affix at top, middle and bottom of channel).



STEP 4

For $\frac{3}{8}$ inch spacing, lay the spacer block flat. For $\frac{13}{16}$ inch spacing, stand the spacer block on its end.



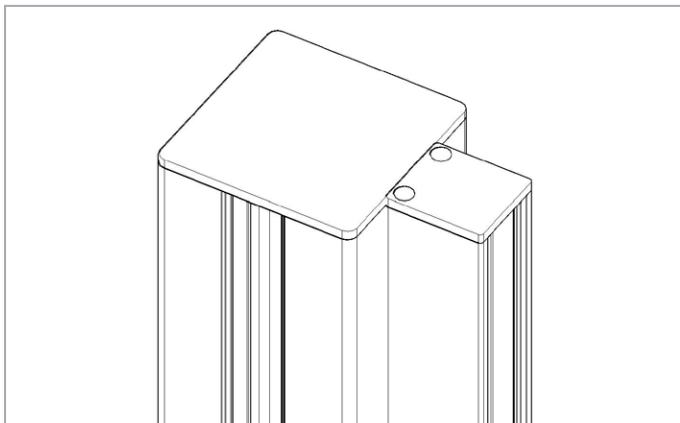
STEP 5

Push slats down into side frame ensuring spacer blocks are placed between each slat.

Install tip: Place spacer block on bottom plate before pushing first slat down so that first slat sits on a spacer block.

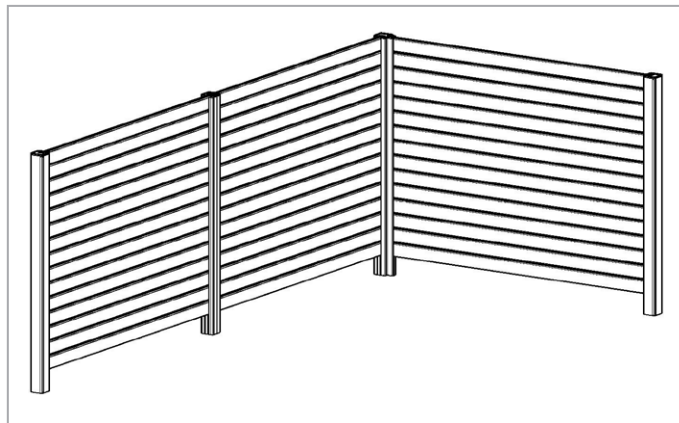
Spacer blocks supplied in kit allow slat spacing of $\frac{3}{8}$ inch or $\frac{13}{16}$ inch. If a different spacing is required, source appropriate spacer blocks to achieve your desired slat spacing.

Spacer blocks are NOT removed after inserting slats and remain as part of the assembled screen

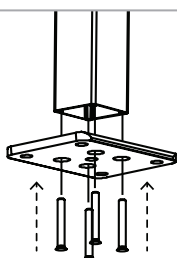


STEP 6

Once all slats are in place, carefully attach top caps



FINISHED!



IMPORTANT INSTALL NOTE

- Use a square drive bit
- Screws are pre-lubricated
- Use a good quality drill
- Ensure screws are straight when screwing in

Tip: place top of post against a firm surface as pushing pressure required when affixing base plate