Aluminium

D.I.Y Slat Fencing Systems

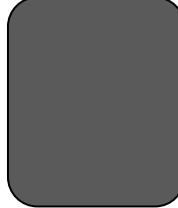## Q Screen Slats

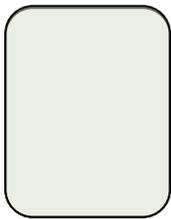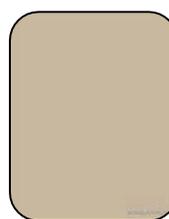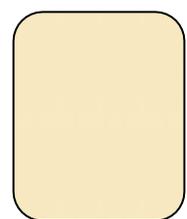|					
Silver Pearl	Cottage Green	Wilderness	Monument	Woodland Grey	Satin Black
Surfmist	Kwila	Western red cedar	Paperbark	Stone beige	Primrose
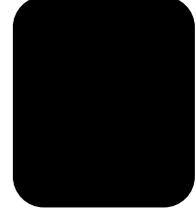
Note: Colours viewed online may vary from actual solid colours

Professional finish
Slat fencing with quality
Interpon **10 year**
Powder coat warranty

Complete with screws, caps, snap-on screw covers & spacer blocks for 9mm, 15mm and 20mm gaps.
Range of popular colours Plus Western Red Cedar and Kwila timber effect.
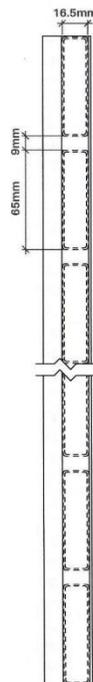Delivered to you in stock lengths for you to cut to size and fit to your openings.

Note: The 9mm and 20mm spacing chart as shown is a guide only.
As the side frames are an open U Channel you can custom create any panel height with your own chosen gaps.
**For Pool Fencing Compliance 10mm maximum gap**

9mm spacing example

16.5mm

9mm

65mm

Height	# Blades
290mm	4
364mm	5
438mm	6
512mm	7
586mm	8
660mm	9
734mm	10
808mm	11
882mm	12
956mm	13
1030mm	14
1104mm	15
1178mm	16
1252mm	17
1326mm	18
1400mm	19
1474mm	20
1548mm	21
1622mm	22
1696mm	23
1770mm	24
1844mm	25
1918mm	26
1992mm	27
2066mm	28
2140mm	29
2214mm	30
2288mm	31
2362mm	32
2436mm	33
2510mm	34
2584mm	35
2658mm	36
2732mm	37
2806mm	38
2880mm	39
2954mm	40
3028mm	41
3102mm	42
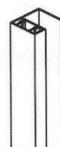
*Advised heights include 3mm thick top cap

20mm spacing example

16.5mm

20mm

65mm
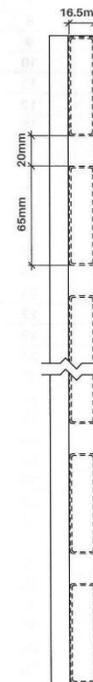
Height	# Blades
323mm	4
408mm	5
493mm	6
578mm	7
663mm	8
748mm	9
833mm	10
918mm	11
1003mm	12
1088mm	13
1173mm	14
1258mm	15
1343mm	16
1428mm	17
1513mm	18
1598mm	19
1683mm	20
1768mm	21
1853mm	22
1938mm	23
2023mm	24
2108mm	25
2193mm	26
2278mm	27
2363mm	28
2448mm	29
2533mm	30
2618mm	31
2703mm	32
2788mm	33
2873mm	34
2958mm	35
3043mm	36
3128mm	37
3213mm	38
3298mm	39
3383mm	40
3468mm	41
3553mm	42
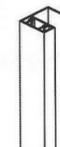
*Advised heights include 3mm thick top cap
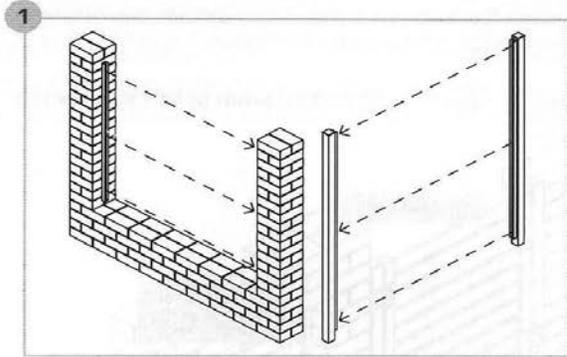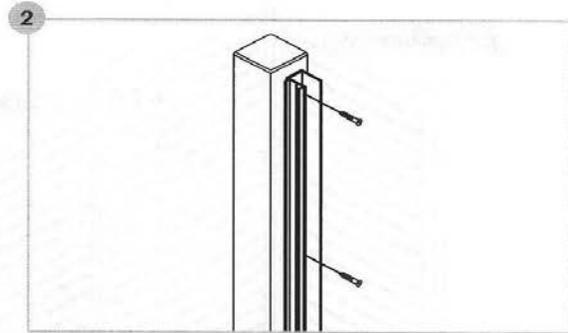
Q Screen

Already cut to size system, or delivered in stock lengths
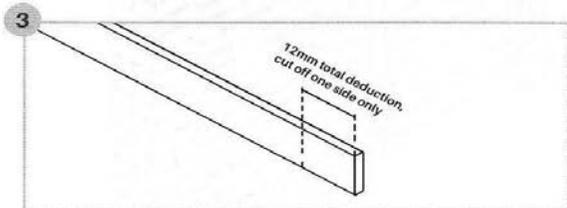
### Basic fitting of open toped screen panel

1

Take measurement between walls or posts at 3 points: top, middle and bottom (Take note of the smallest measurement)

2

Cut side frames 3mm less than desired height (3mm allows for the top cap)

Affix side frames to wall or post with appropriate fixings

3

12mm total deduction, cut off one side only

Cut aluminium slats 12mm less than total width of opening (Refer to measurement in step 1)

The 12mm deduction takes into account thickness of side frame on both sides of the screen and head of fixings.

Ensure fixings holding side frame do not obstruct slats when dropping in. If so, you may need to trim slats further.
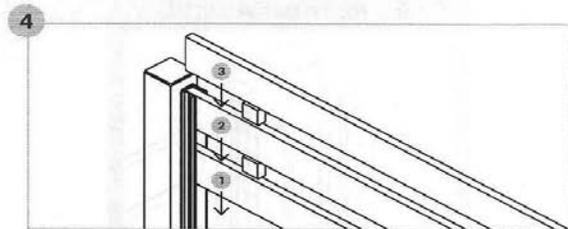
4

Drop in aluminium slats

Tip: Ensure bottom slat is level and screw off at both sides

Optional spacer blocks can be rotated to achieve a 9, 15 or 20mm slat gap. Any gap can be achieved by leaving a desired space. Consider using timber block spacers to achieve other gaps.
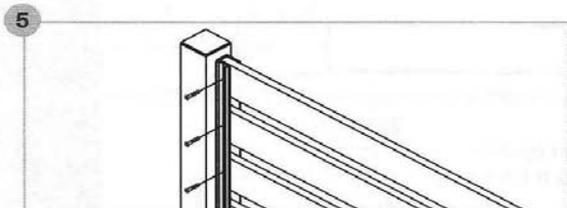
5

Screw off each slat as it is dropped in (ensuring each slat is level)

If spacer blocks used, remove after each level is installed.
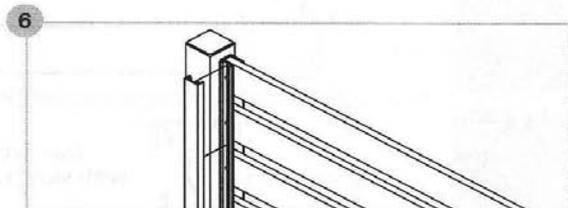
6

Cut snap on fixing cover to appropriate height

Attach snap on fixing cover to hide screws

Tip: If screen is wider than 1800mm, it is recommended to attach the centre support rail vertically at the centre of the screen. Cut centre support rail to appropriate height of screen and screw off to each slat at back side of screen

7

Screen is now complete!
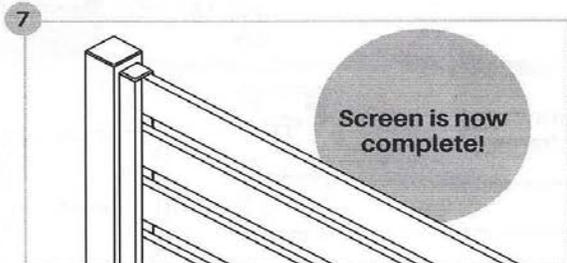
Snap on fixing cover install tip

Engage shorter leg of snap-on cover first.

At this point, the snap-on cover will be sitting off the side frame on an angle.

The longer leg must be at open side of side frame.

Starting from the top and working your way down, use a wood block and a hammer/mallet to tap the longer leg into place.

A short, sharp tap may be required to engage the long leg.

These are the two ways of installing side frames, direct to wall/post/void, or with F outer frame.
Note: Factory pre-cut panels will already be cut to allow tolerances required for fitting between post/wall.
Fitting allowances only required for customer installation when cutting down stock lengths.
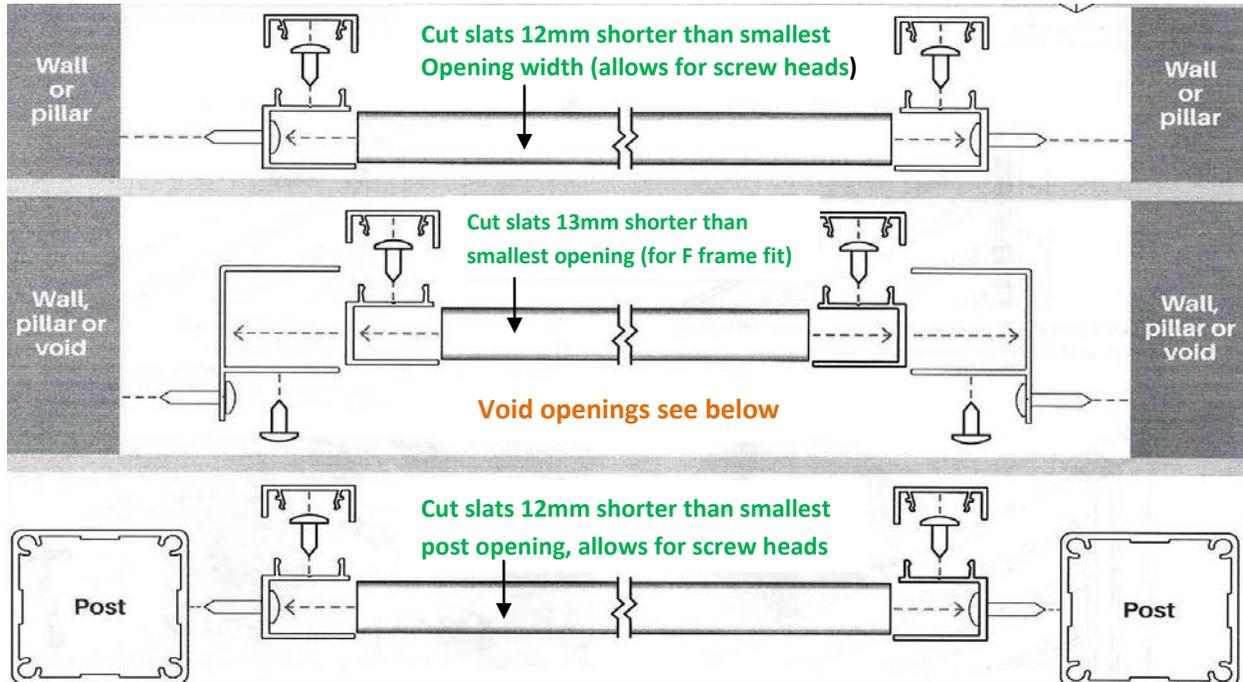See fitting allowances for non pre-cut lengths on next section

Q Screen

Cutting list for customer cutting stock lengths only

(Factory Pre- cut systems already have allowances)

Wall or pillar

Cut slats 12mm shorter than smallest Opening width (allows for screw heads)

Wall or pillar

Wall, pillar or void

Cut slats 13mm shorter than smallest opening (for F frame fit)

Wall, pillar or void

Void openings see below

Post

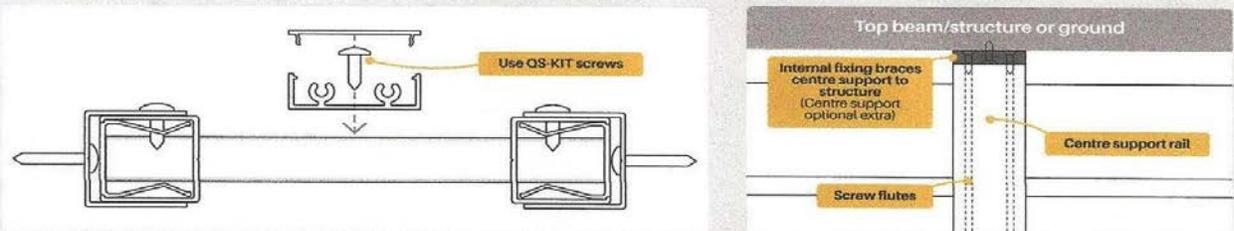**Cut slats 12mm shorter than smallest post opening, allows for screw heads**

Post

Note: If you opening is completely closed at top **(known as a void)** your slat framing must be assembled on the ground supported on timber lengths or a soft material to avoid scratching the aluminium sections. For customers' self- cutting stock lengths, measure and cut side U channels and outer F sections at 3mm less than your actual opening height to allow for nylon top caps.

To obtain your slat widths take the smallest width measurement of your opening and reduce by **13mm.** This will allow you to fit your slats the full way into the U channels with no gap. This should end up when fully assembled and screwed with the outside measurement of the U channels at **7mm** less than your opening measurement. This will allow the F sections to slip over the U channels with a small amount of movement for adjustment. Large panels will need two men to lift and position. Put two screws each side in bottom, middle and top slats to stabilize panel when lifting. Fit snap on screw cover. Fitting some temporary, plumbed off positioning timber blocks, in your opening will stop the panel from being pushed right through and hold the panel whilst positioning and securing with the F section.

Centre support rail

The centre support rail should be used for slat screening panels wider than 1800mm

Centre support rail is included with all pre-cut panels over 1800mm

Use QS-KIT screws

Top beam/structure or ground

Internal fixing braces centre support to structure (Centre support optional extra)

Centre support rail

Screw flutes

Trade tip: Centre support rail can be braced at top and/or bottom with internal fixing (sold separately)