

# PREMIUM PERF systems



# The essentials.

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# PREMIUM PERF FENCING



A NEW, EASY  
'LOW MAINTENANCE'  
FENCING SOLUTION



POOL FENCING COMPLIANT –  
AS1926.1 TESTED  
& COMPLIANT



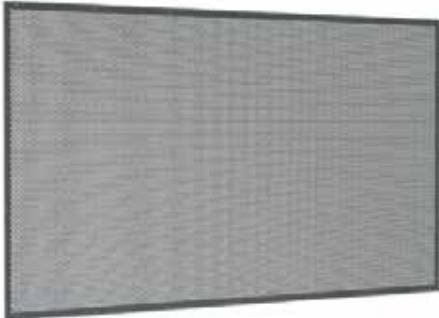
AVAILABLE IN  
BLACK & MONUMENT –  
SHATTER PROOF



TWO STYLISH DESIGNS TO  
CHOOSE FROM – FULL PERF  
OR PALM PATTERN

## 2 styles

FULL PERF



PALM



## INSTALL – 2 methods

BRACKETS



U CHANNEL FIXING



# WHAT IS PREMIUM PERF?

## Overview

Premium Perf is an innovative new solution in the fencing industry with the added benefit of being pool fencing compliant. Perforated aluminium panels are extremely durable, corrosion resistant and are shatter proof.

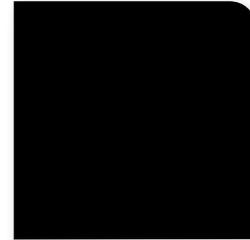
A key feature of Premium Perf is the excellent visibility through the panels resulting from the precision punching of 9mm diameter holes very close together. Additionally, Premium Perf is extremely low maintenance, especially versus glass fencing.

We are committed to excellence and Premium Perf is independently tested to ensure intrinsic strength, structural integrity and importantly for pool fencing, compliance to AS 1926.1. Testing has been conducted and certified by a NATA approved test facility using stringent testing procedures.

Premium Perf is an exciting breath of fresh air and alternative to traditional tubular fencing and glass fencing.

## Outer frame & post finishes —

Genuine Interpon powder coat

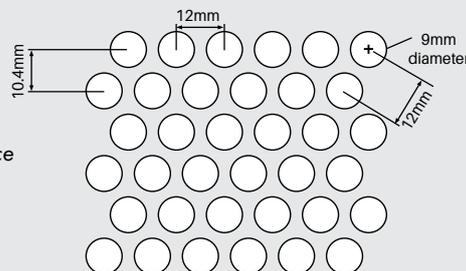


SATIN BLACK  
GN150A (B)



MONUMENT MATT  
GL229A (MN)

\*Infill panels are textured Akzo Nobel powder coat



Hole punch design ensures pool fencing compliance and maximum visibility through panel

# PREMIUM PERF PANELS

## Premium Full Perf Infill Panel

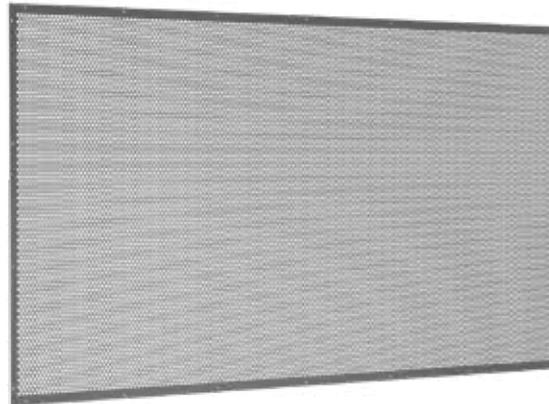
1988mm W x 1188mm H

**Matt Black & Monument Texture Powder Coat**

Order Code: **SC-3503 (Black)**

**SC-3613 (Monument)**

- Premium marine grade alloy 5052 H32; 2.5mm thick
- Akzo Nobel powder coat: matt black and monument textured
- 9mm diameter precision punched holes
- 22 x 5.2mm diameter border holes to allow fixing to the frame kit
- Excellent visibility through punched panel; great alternative to glass
- Minimal cleaning required + shatter proof
- Pool fence compliant: tested to AS1926.1
- With framing panel is 2000mmW x 1200mmH - framing sold separately
- Height and width adjustable: simply cut to size.



## Premium Deco Perf Infill Panel

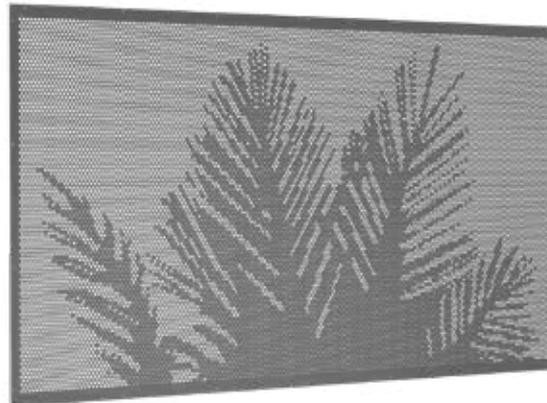
1988mm W x 1188mm H

**Matt Black & Monument Texture Powder Coat**

Order Code: **SC-3504 (Black)**

**SC-3614 (Monument)**

- Premium marine grade alloy 5052 H32; 2.5mm thick
- Decorative punched palm pattern
- Akzo Nobel powder coat: matt black and monument textured
- 9mm diameter punched holes with 5.2mm diameter holes to create palm pattern effect
- 22 x 5.2mm diameter border holes to allow fixing to the frame kit
- Excellent visibility through punched panel; great alternative to glass
- Minimal cleaning required + shatter proof
- Pool fence compliant: tested to AS1926.1
- With framing panel is 2000mmW x 1200mmH - framing sold separately
- Height and width adjustable: simply cut to size.



## Premium Full Perf Transition Panel

1288mm W x 1888mm H

**Matt Black & Monument Texture Powder Coat**

Order Code: **SC-3859 (Black)**

**SC-3860 (Monument)**

- Premium marine grade alloy 5052 H32; 2.5mm thick
- Akzo Nobel powder coat: matt black and monument textured
- 9mm diameter precision punched holes
- 22 x 5.2mm diameter border holes to allow fixing to the transition frame kit
- Transition panel useful where extra height is required to overcome a step/climb point or similar - often at the beginning or end of a pool fence.
- Matches punch pattern of standard 1188mm high full perf panels ensuring seamless integration with standard panels
- With framing, transition panel is 1300mm W x 1900mm H - framing sold separately - refer special frame kit for transition panels - PP-TRANSKIT-B/MN
- Panel can be cut down in width or height. Refer 'fabrication overview' section.



# FRAME KITS & U CHANNELS

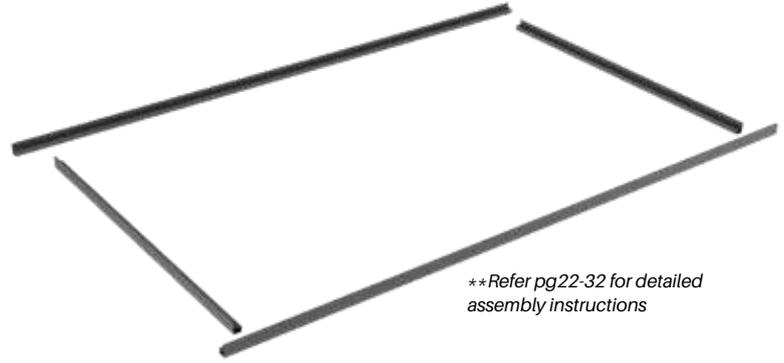
## Premium Perf 38x25mm Frame Kit

### Satin Black & Monument powder coat

Order Code: **SC-3499 (Black)**

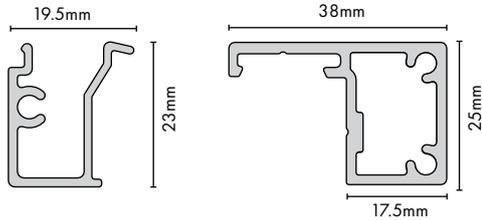
**SC-3610 (Monument)**

- Kit frames perf infill panel on all 4 sides.
- 2 part frame design enables hidden screw fixing of perf infill panel to frame. Panel fixing screws are covered by snap in cover. Finished frame profile is 38x25mm which suits standard fencing brackets.
- Suits framing of both full perf and deco perf infill panels
- Frame kit enables installing 2 ways: refer 'fabrication overview' for detailed information
  - 1) With shrouds/brackets: when assembled with perf infill panel, standard panel is 1200mm high and suits a 'daylight opening' width between posts of 2150mm.
  - 2) With U Channel fixing: when assembled with perf sheets, standard panel is 1200mm high and suits a 'daylight opening' width of 2012mm. **\*\* (U Channels sold separately)**



\*\*Refer pg22-32 for detailed assembly instructions

## KIT CONSISTS OF



- 1) 2 x **2147mm** long horizontal snap in covers  
2 x **1149mm** long vertical snap in covers
- 2) 2 x **2147mm** long horizontal frames  
2 x **1149mm** long vertical frames

\*\*Wafer screws for fixing infill panel to frame sold separately. Refer code: PP-SCREW-B/MN-50PK

## INNOVATIVE 2-PART FRAME



### STEP 1

Place perf infill sheet against centre frame wall



### STEP 2

Screw off sheet and snap in cover



### STEP 3

Completed 38 x 25mm profile with hidden screw fixing

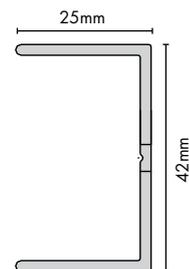
## 45x25.4mm U channels – pack of 2

1200mm long

### Satin Black & Monument powder coat

Order Code: **SC-3527 (Black)**

- Pack of 2 x U channels; 1200mm long
- 3 x 5mm pre-drilled holes per U channel
- Only required if panels installing via 'U Channel' method (ie not using brackets/shrouds)
- 38x25mm profile perf panel frame fits neatly inside U channels
- U channels are fitted to posts/pillars either side of framed perf panel
- Channels are height adjustable. Simply cut to size.



2 x 1200mm long U channels  
\*2mm wall thickness

# FRAME KITS & ACCESSORIES

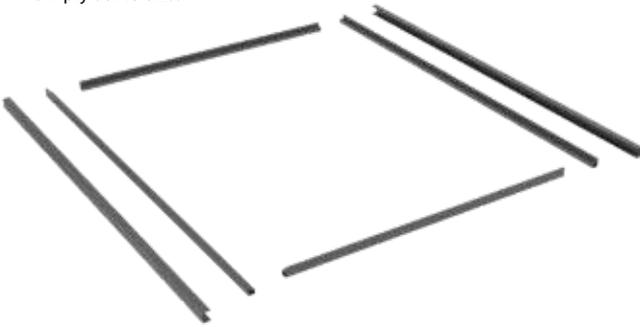
## Premium Perf 38x28mm Transition Panel Frame Kit

Satin Black & Monument Powder Coat

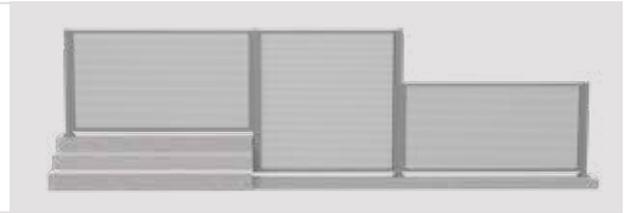
Order Code: SC-3861 (Black)

SC-3862 (Monument)

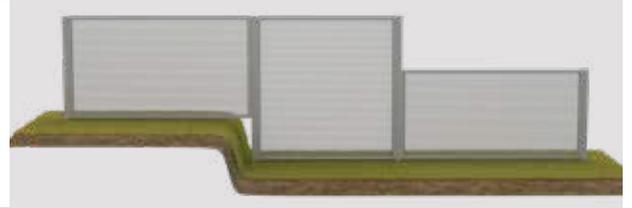
- Framing kit to suit TRANSITION full perf infill panel enabling framed panel size of 1900mm high
- Kit consists of:
  - 2 x 1400mm long horizontal rails with snap in cover
  - 2 x 1849mm long vertical rails with snap in cover
  - 2 x 1900mm long vertical U channels, with 4 x 5mm pre-drilled holes per U channel
- Kit enables installing 2 ways: with shrouds or with U channel. If shrouds used, discard U channels. Refer 'fabrication overview' for detailed information (\*\* for U channel installation, max width is 1312mm 'daylight opening') (\*\* for shroud installation, max width is 1400mm 'daylight opening')
- Frame kit is easily width and height adjustable: simply cut to size.



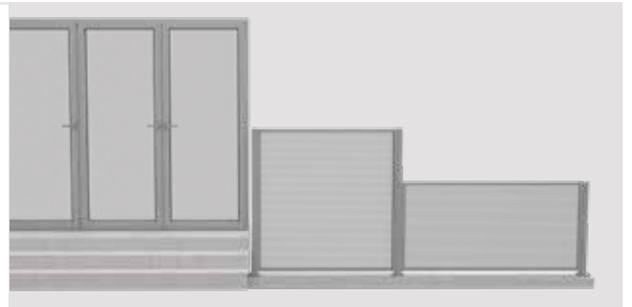
Overcome different levels along fence line



Overcome a stepping point in landscaping



Overcome stepping point issues around fence line



## Self drilling wafer screws

10Gx16mm – BAG OF 50

Satin black or Monument heads

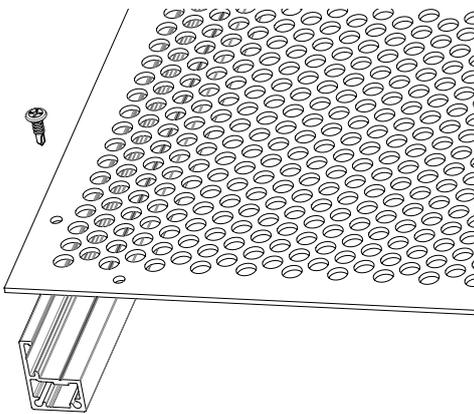
Order Code: SC-3615 (Black)

SC-3616 (Monument)

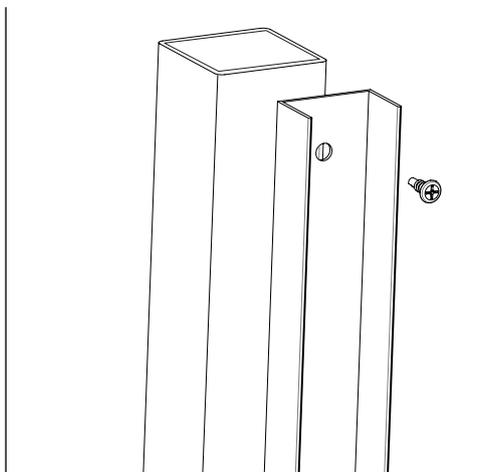
- Bags of 50 - 10G x 16mm self drilling wafer SS304 screw
- Powder coated heads for neat finish
- Screw used for a variety of applications:



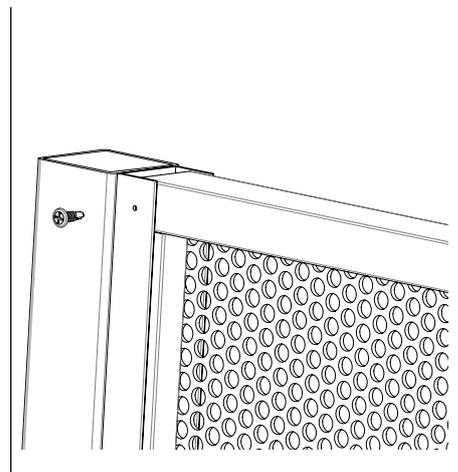
Slimline 2mm Philips drive screw head



1) Fixes perforated infill panel to framing kit  
NOTE: 22 x screws are required to screw-fix perf infill panel to frame kit



2) Fixes U channels to aluminium 50x50mm posts



3) Fixes together U channel to framing kit vertical sides

# GATES

## Premium Perf Gate

975mm W x 1200mm H

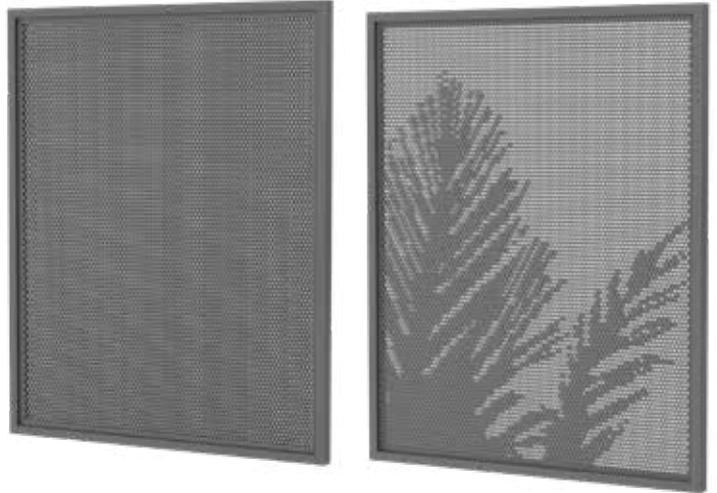
**Matt Black & Monument Texture Powder Coat punched infill**

**Satin Black & Monument Powder Coat framing**

Order Code: **SC-3500 (Black – for full perf)**

**SC-3501 (Black – for palm deco pattern)**

- FULLY ASSEMBLED gate with 38x25mm framing:
  - matches panel framing
- 975mm wide x 1200mm high gate
- Premium marine grade alloy sheets:
  - 5052 H32; 2.5mm thick
  - punched 9mm diam holes
  - Akzo Nobel powder coat: matt black or monument textured
- Framing is satin black or monument matt powder coated
- Excellent visibility through punched panel
- Pool fence compliant perf: tested to AS1926.1
- For pool fencing LATCH, gate can be installed with side pull or top pull (refer 'fabrication overview' section).



# POSTS & ACCESSORIES



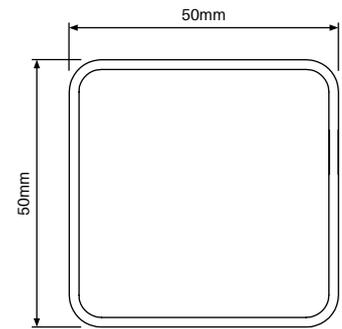
## 50x50mm core drill post

1800mm OR 2100mm H

Satin black & monument powder coat

Order Code: HFPO5050ALBK18  
HFPO5050ALBK21

- 50mm x 50mm core drill post with anchor fin at bottom for sturdy embedment
- 1.8mm wall thickness
- Alloy 6063 - T6
- Free black top cap included



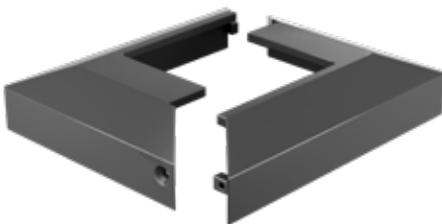
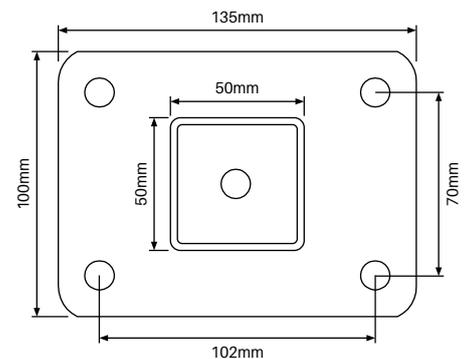
## 50x50mm base plated post

1300mm OR 1600mm H

Satin black & monument powder coat

Order Code: HFPOWBP5050ALBK13  
HFPOWBP5050ALBK16

- 50mm x 50mm post with welded base plate (8mm thick base plate - 4x Ø11mm fixing holes)
- 1.8mm wall thickness
- Alloy 6063 - T6
- Free black top cap included



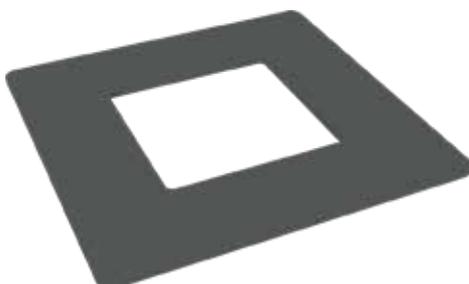
## Two part domical cover

POWDER COATED ALUMINIUM

Satin black & monument powder coat

Order Code: SS-DC-B/MN

- 2 part domical cover for base plated fence post
- Outer dimensions: 140mm L x 106mm H x 30mm H
- Suits 135x100mm base plate (post codes SS-1300-BP-B/MN, SS-1600-BP-B/MN)
- Can be fitted after fence installation



## 50x50mm post dress ring

POWDER COATED ALUMINIUM

Satin black & monument powder coat

Order Code: SC-10502

- Suits 50x50mm core drill posts
- 100mm x 100mm outer - 52mm x 52mm inner

# POSTS & ACCESSORIES



## HEAVY DUTY 50x50mm POST

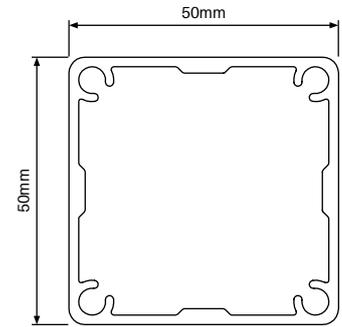
### 50x50mm full post

2400mm OR 6000mm H

**Satin black & monument powder coat**

Order Code: HB-4628/SC-1378

- Alloy 6063 - T6
- 1.8mm wall thickness with 3mm ribs
- Screw flutes to screw on base plate if required
- Provides extra strength compared to standard 1.8mm wall thickness tubular posts
- Free aluminium powder coated press-in top plate included with 2400mm post, caps sold separately for 6000mm long posts



## SUITS XP-2400/6000-FP-B/MN

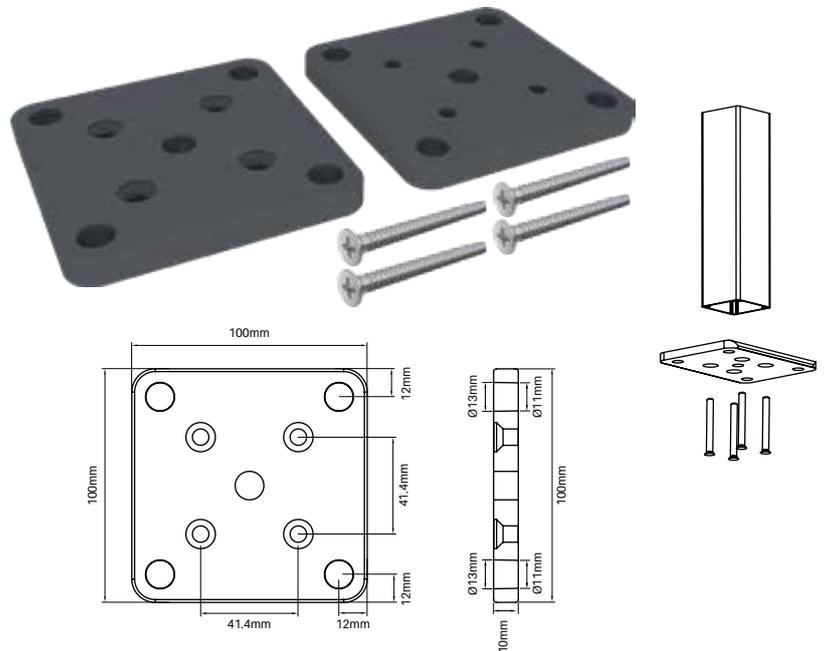
### 50x50mm post base plate set

POWDER COATED ALUMINIUM

**Satin black & monument powder coat**

Order Code: HP-4641

- Simply screw base plate onto core drill post
- Suits XP-2400/6000-FP posts only
- 4x 12G x 50mm long CSK screws included in set
- Suitable for pool fencing load requirements



### Two part domical cover

POWDER COATED ALUMINIUM

**Satin black & monument powder coat**

Order Code: SC-10727

- 106x106mm outer - 52x52mm inner - Alloy ADC12
- Suits screw fixed base plated posts - does not suit welded 134x100mm base plated posts
- Cover can be fitted to posts after fence is installed



### 50x50mm post flat top plate

POWDER COATED ALUMINIUM

**Satin black & monument powder coat**

Order Code: SC-10279

- Alloy ADC12 aluminium cap
- Press into post screw flutes for secure fixing
- 2400 long posts come with free top plate included - only purchase if extra top plates are required
- 6000mm long posts do not include top plates.



#### TRADE TIP

65x65mm aluminium posts also available. Refer p55 for more info.

# POSTS & ACCESSORIES



## Horizontal brackets – 4 pack

POWDER COATED ALUMINIUM  
Satin black & monument powder coat

Order Code: HFRFSLH38254BK

- Suitable for 38mm x 25mm perf rail
- 2x fixing holes to post
- Pack includes 4x brackets and 10x self tapping colour matched tek screws



## Vertical bracket

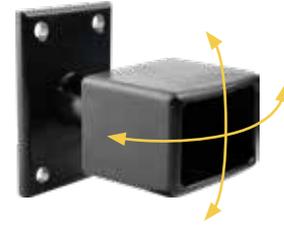
POWDER COATED ALUMINIUM

Single bracket

Satin black & monument powder coat

Order Code: SC-2090

- Suitable for 38mm x 25mm perf rail
- Allows for install of panels at a vertical angle
- 2x fixing holes to post
- Fixing screws not included



## 360° bracket

NYLON

Single bracket

Black

Order Code: HFRFADJ3825BK

- Suitable for 38mm x 25mm perf rail
- Allows for 360° angle installation (side to side and up and down)
- 4x fixing holes to post
- Fixing screws not included



## Angle bracket

Satin black powder coat

Order Code: SC-2089

- Aluminium angle
- Allows for variable angle installation of panels
- 2x fixing holes to post
- An alternative to standard shrouds

## Horizontal swivel bracket

POWDER COATED

ALUMINIUM

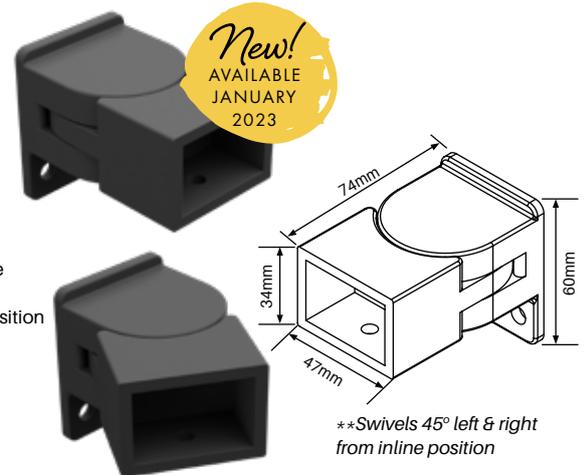
SINGLE BRACKET

Satin black & monument powder coat

Order Code: SS-BSWIV-HORIZ-B

SS-BSWIV-HORIZ-MN

- Suitable for 38x25mm perf rails
- Stylish solution for variable HORIZONTAL angle installation of panels
- Swivels 45 degrees left and right from inline position (total 90 degree angle adjustment)
- 2 x fixing holes to post/wall
- Includes 3 x colour matched tek screws



## Self drilling tek screws

12Gx20mm – BAG OF 100

Satin black & monument powder coat

Order Code: SC-1205 (Black)

- Self drilling tek screw featuring integrated thread and drill/cutting tip
- 12G x 20mm tek screw with hex head
- Used in a variety of aluminium fencing applications
- Packed in convenient bags of 100 screws
- Thread and tip not powder coated to ensure proper threading/cutting

## Vertical swivel bracket

POWDER COATED

ALUMINIUM

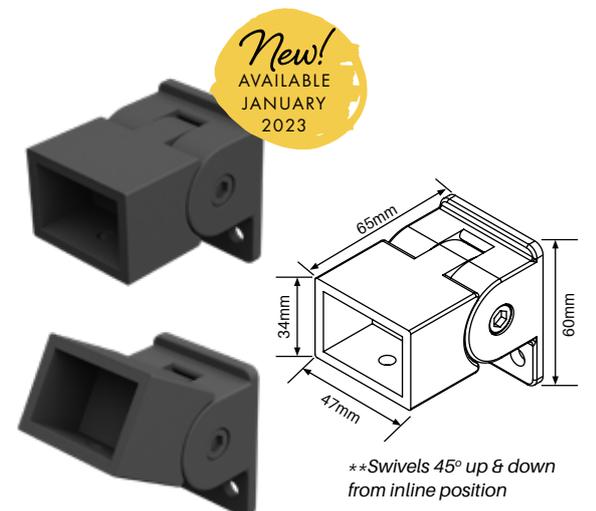
SINGLE BRACKET

Satin black & monument powder coat

Order Code: SS-BSWIV-VERT-B

SS-BSWIV-VERT-MN

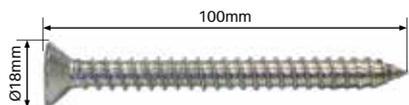
- Suitable for 38x25mm perf rails
- Stylish solution for variable VERTICAL angle installation of panels
- Swivels 45 degree up and down from straight position (total 90 degree angle adjustment)
- 2 x fixing holes to post/wall
- Includes 3 x colour matched tek screws



# EXTRAS & ACCESSORIES

We offer a range of stainless steel 316 M10 fixings

## M10 FIXINGS



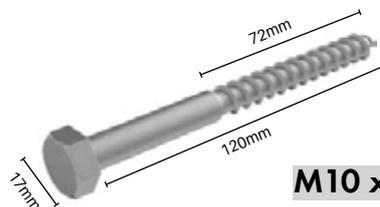
### Counter sunk timber screw – 4 pack

100MM LONG – SS316

(Hex head drive)

Order Code: **SC-1204**

- Heavy duty self tapping screw for fixing timber - 100mm long with M10 thread - Ø18mm outer head
- Hex head drive
- Countersunk head allows for countersinking of aluminium base plates if required
- Pack of 4



### M10 x 120mm hex coach screw

SS316

Order Code: **SC-1813**

- Use if base plating to timber substrate
- Ensure timber substrate is suitable for fixing to
- Sold as single screw



### M10 Timber fixing kit

4 PACK – SS316

Order Code: **SC-1201**

- M10 x 110mm timber lag screws x4 with nuts and washers
- Pack of 4



### M10 Concrete fixing kit

4 PACK – SS316

Order Code: **SC-1196**

- M10 x 120mm concrete threaded rods x4 with nuts and washers
- Pack of 4



### M10 dome nut

PACK OF 4 – SS316

Order Code: **S-M10DN-4PK**

- 4 x dome nuts & split washers
- Suits M10 thread

*Tip: if M10 fixing kit used, discard standard nuts from kit and replace with dome nuts*

### Post plugs

4 PACK

Black or White finish

Order code: **SC-1070**

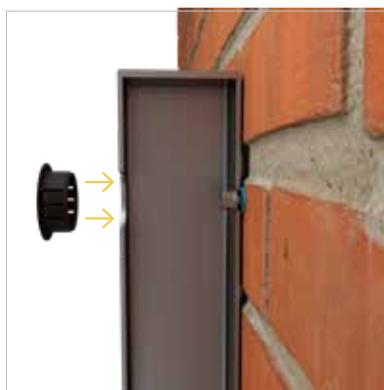
- Ø32mm outer top suits 25mm hole
- Ideal for covering hole in post when affixing post to wall with inner fixing
- Suits post wall thickness 1.5mm - 3.2mm



**1** Drill a 25mm diameter hole through front wall of post



**2** Drill rear wall of post with required diameter for fixing and then fix post to wall. Insert appropriate fixing into the wall for affixing post



**3** Once post is fixed to wall with appropriate fixing method, insert post plug to cover the post hole



**4** Repeat the process as required

# POSTS & ACCESSORIES

## Horseshoe Packers

20 PACK

**Black finish**

Order Code: **HSP-75X38-1MM-20PK**

1mm thick

**HSP-75X38-3MM-20PK**

3mm thick

- 38mm wide x 75mm long horseshoe packers
- 10.5mm slot
- Available in 1mm or 3mm thick (20 per pack)
- Durable black solid polypropylene
- Handy for levelling adjustments while installing
- Easy to cut down to required length



## Touch up paint

150g SPRAY CAN

**Black & monument**

Order Code:

**SC-1420**

- Colour match touch up paint
- Simply spray on for minor touch ups



## Flat top cap

**Black polypropylene finish**

Order Code: **SC-2092**

- Suits 50x50mm fencing posts (codes: SS-1800/2100-B/MN & SS-1300/1600-BP-B/MN)
- Internal fit top cap
- Black polypropylene



## Domed top cap

**Black polypropylene finish**

Order Code: **SC-2093**

- Suits 50x50mm tubular fencing posts (codes: SS-1800/2100-B/MN & SS-1300/1600-BP-B/MN)
- Internal fit top cap
- Black polypropylene
- Stylish upgrade to standard flat caps



## CPR sign

Order Code: **SC-1142**

- Genuine royal life saving society - Australia resuscitation chart
- Plastic coated for durability



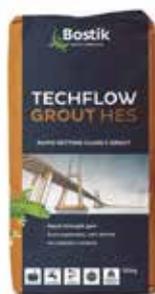
## Polaris grout

10kg bag

Order Code:

**PA-7863**

- Non shrink grout
- Rapid setting
- Aggregate free



## Bostik HES grout

20kg bag

Order Code: **SC-1619**

- Non shrink grout
- High early strength



## Sika HES grout

20kg bag

Order Code: **SC-10168**

- Non shrink grout
- High early strength



## Rapid set concrete

20kg bag

Order Code: **GROUT-RSC**

- For Perth depot, refer code GROUT-KWIKSET)
- Specially formulated to harden rapidly
- Just add water



## Concrete mix

20kg bag

Order Code:

**GROUT-CONCRETE**

- Quality blend of GP cement, aggregate & sand - just add water
- Ideal for high strength concreting of posts

# EXTRAS & ACCESSORIES



## Soudafix CA1400 Chemical anchor

280mL

Order Code: SC-1599

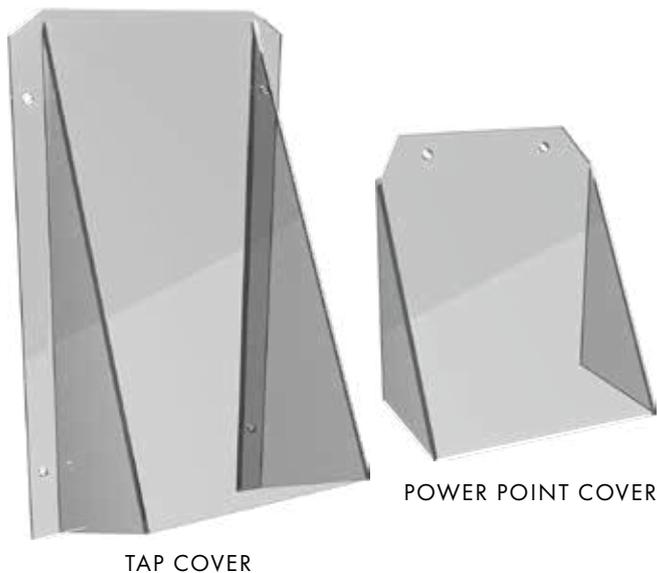
- High performance, two-component chemical anchoring resin for the pressure-free securing of anchoring rods, studs, threaded collars etc
- Easy to use and apply
- Fast cure (20°C=45min full cure; 30°C=25min full cure)
- Vinyl ester styrene free
- Can be used in damp concrete
- Apply with standard caulking gun



## Soudal heavy duty cartridge gun

Order Code: SC-1620

- Heavy duty, steel trade quality cartridge gun
- Geared ratio 18:1 for smooth operation and easy application
- Dripless system feature automatically releases pressure to reduce mess/waste
- Suits 300ml silicone cartridges and 280ml chemical anchor



TAP COVER

POWER POINT COVER

## Toe hold prevention covers

THERMOPLASTIC

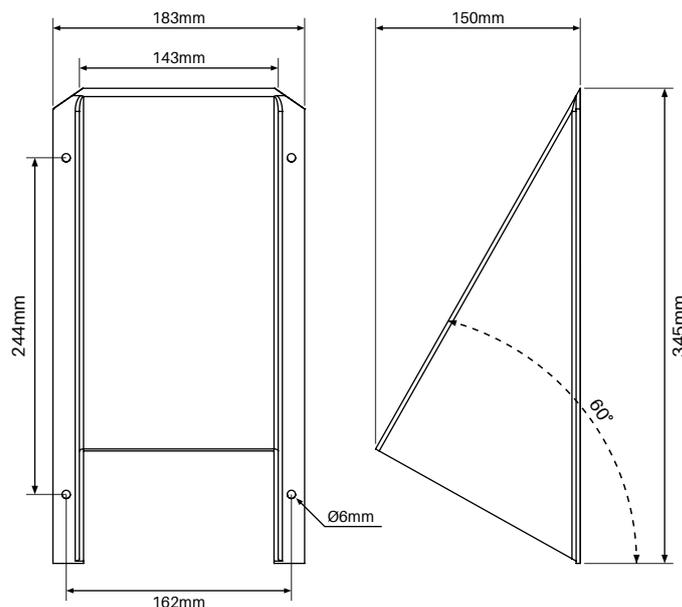
Transparent finish

Order Code: SC-1139 (Power point cover)

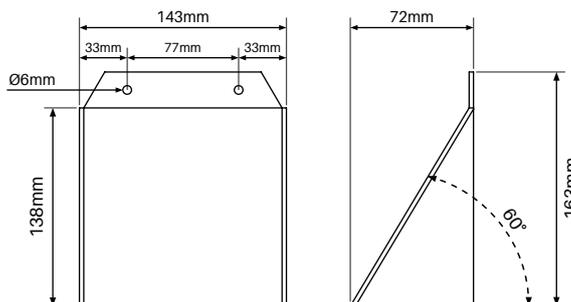
SC-1140 (Tap cover)

- Transparent thermoplastic
- Cover features 60 degree angle to prevent a toe hold
- Ideal solution if tap or power point considered a step point
- Resistant to impact & chemicals
- Power point cover comes with 2 x predrilled fixing hole  
Includes 2 x SS316 screws (ST5x40mm) & 2 x wall plugs
- Tap cover comes with 4 x predrilled fixing hole  
Includes 4 x SS316 screws (ST5x40mm) & 4 x wall plugs

### TAP COVER SPECIFICATION



### POWER POINT COVER SPECIFICATION





# GATE HINGES & KITS

**19mm**  
gap spacing

**No**  
alignment legs

(variable spacing achievable)



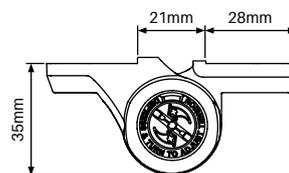
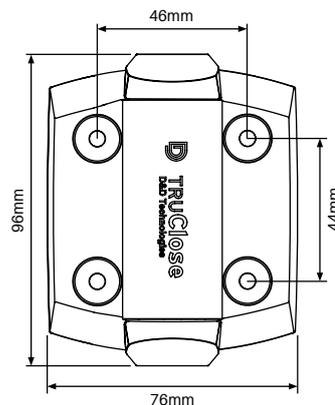
## TruClose® hinge pair

### NO ALIGNMENT LEGS

Order Code: SC-1814 (Pair)

D&D code: TCA1S3BT

- D&D patented tension adjustment
- Strong, moulded polymer and stainless steel
- Adjust tension from both ends of the hinge
- No visible fixings
- Decorative trim covers available in black finish
- Super strong engineering polymers and stainless steel components
- Won't rust, bind, sag or stain
- Limited lifetime warranty
- Pool fencing compliant - Rated for **gates up to 30kg**



## Certi cap – Series 3

Order Code: TC-CAPS3

D&D code: TCACAP53

- Prevents toe hold on hinge
- Durable polymer material

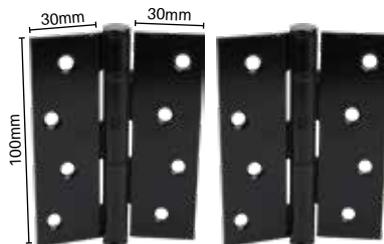
No alignment legs on hinge allows for flexibility when positioning gate onto post

## Butt hinge pair

100MM H x 75MM W

Order Code: SC-1451

- Cost effective where self closing hinge is not required
- Zinc plated steel
- Powder coated black
- Multiple fixing points - Ø6mm holes



Not pool fencing compliant



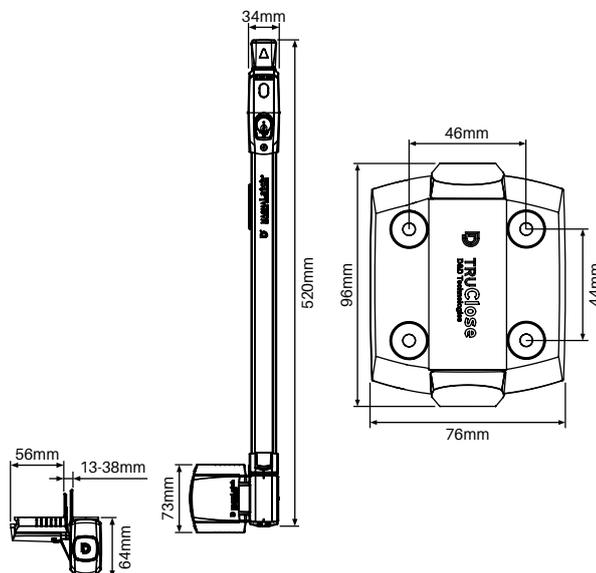
## Magna Latch® with Tru Close® hinge pair

ADJUSTABLE TENSION

Order Code: ML-TL-TC-H-AT (Single)

D&D code: MTSTDKS3LA

- Kit includes D&D top pull Magna latch and 2x TRU close hinges
- Patented tension adjustable hinges (TC-H-AT-B version hinges - no alignment legs on hinges provides for flexible installation)
- Pool fencing compliant - Rated to 30kg self close
- Magnetically triggered lockable latch



# GATE LATCHES

13-38mm  
gap spacing



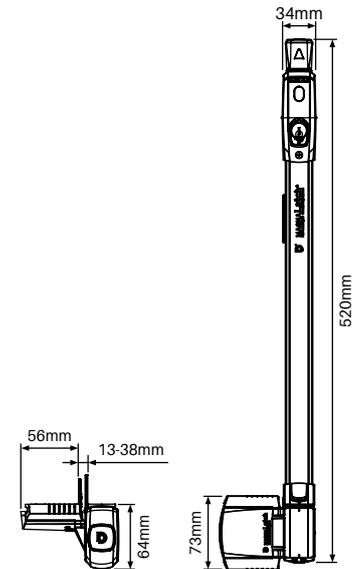
**MAGNALatch**

## Top pull lockable latch

Order Code: **ML-TL (Single)**

D&D code: ML3TPLA

- Magnetically triggered lockable latch
- Improved stylish "Series 3" design
- Adjusts horizontally and vertically
- Includes adjustable striker plate
- D&D Limited lifetime warranty
- Quick and easy installation
- Tested to over 400,000 cycles



8-10mm  
gap spacing



**D&D Technologies**  
World's most trusted gate hardware

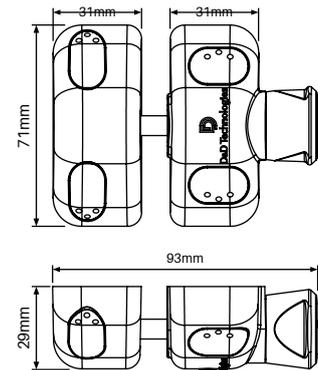
## Face mount lockable latch

Order Code: **SC-1170 (Single)**

D&D code: MLSP52L

- Key lockable
- Adjusts horizontally and vertically
- Limited lifetime warranty
- Black polymer

**IMPORTANT NOTE:** To ensure proper stopping position of perf gate, a gate stop must also be used. Refer code SS-GS  
**\*\* TIP:** Also ensure items PP-PACKER-SP is used with side pull per below

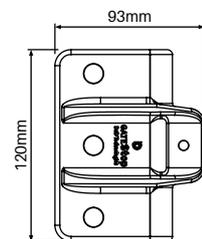


## 3mm PACKER (for side pull latch)

Black polymer finish

Order Code: **SC-3502**

- 3mm black nylon packer with 2 x 35mm long SS304 screws
- Must use packer if installing SIDE PULL LATCH latch with Perf gate. Not required if installing gate with top pull latch.
- Simply place packer under side pull latch on gate frame.
- Packer ensures correct alignment between latch on gate and keeper on post.



## D&D Gate stop

Black polymer finish

Order Code: **SC-1493**

D&D code: TCGS3

- Ideal gate alignment device
- Prevents damage to latches & hinges
- Greatly reduces gate-slam noise
- Tough, durable polymer + rubber bumper

**IMPORTANT NOTE:** Must use if installing perf gate with side pull latch. Not required if installing with top pull latch.

**\*\* TIP:** Install at latch height

# GATE LATCHES

10-45mm  
gap spacing



\*Padlock not included

Not pool fencing compliant

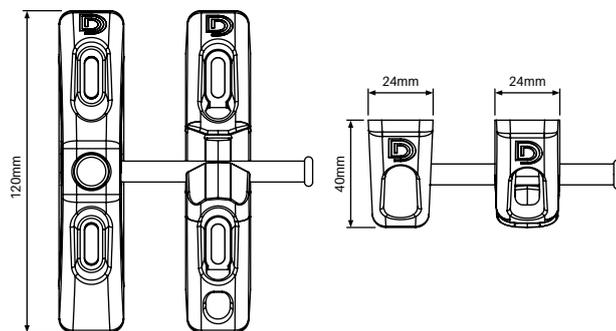
**D**® D&D Technologies®  
World's most trusted gate hardware

## T latch

Order Code: SC-10726 (Single)

D&D code: TL01

- Padlockable toggle latch
- Lockable from one side only



10-35mm  
gap spacing

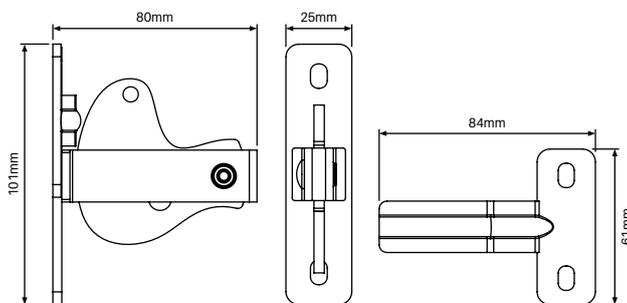


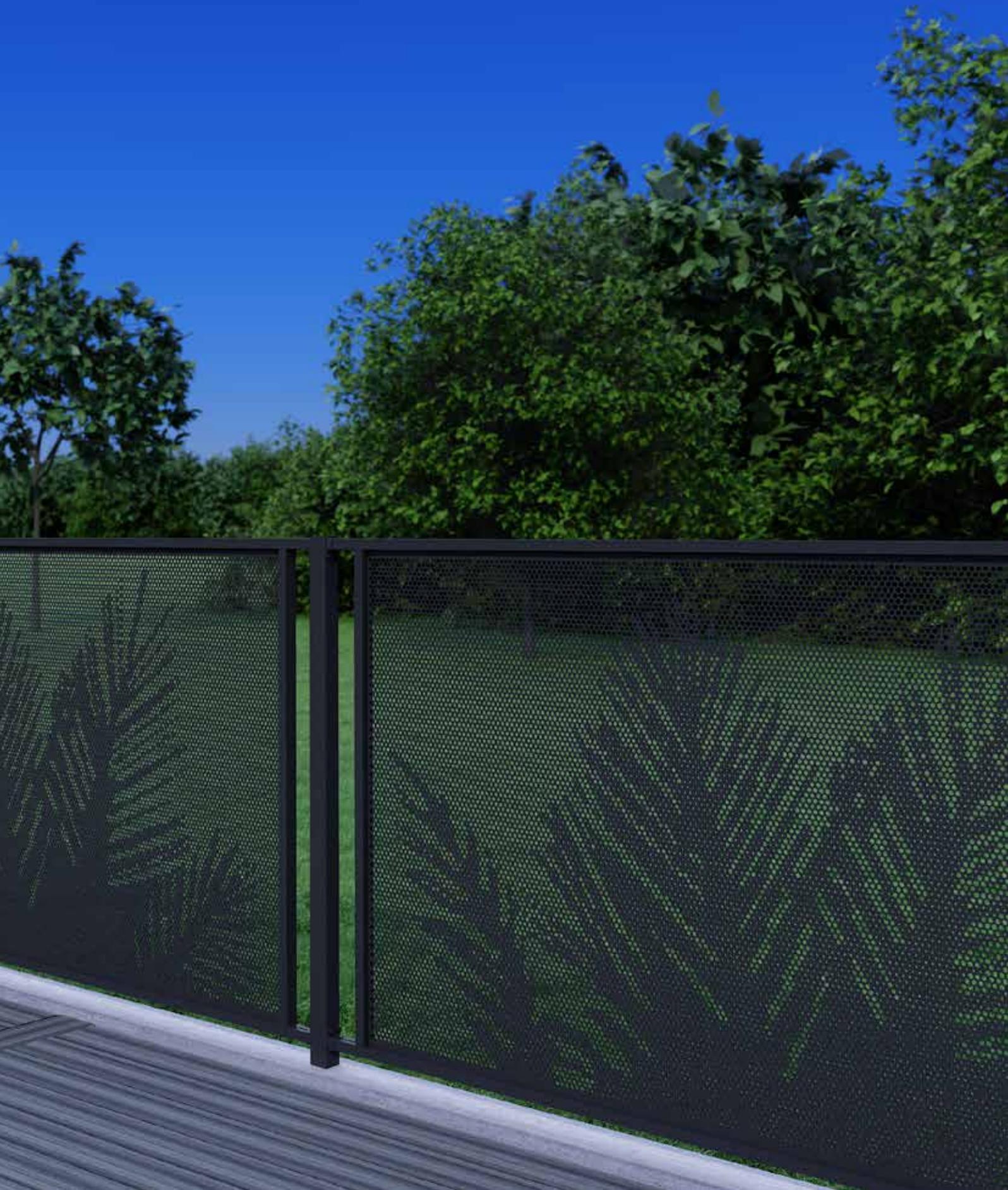
Not pool fencing compliant

## D latch

Order Code: SC-1430

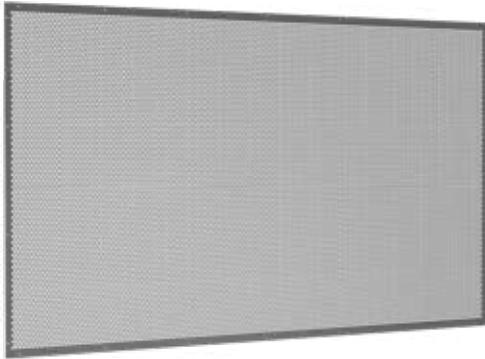
- Easy to install D latch and striker
- Includes 4x tek screws
- Cost effective latching solution





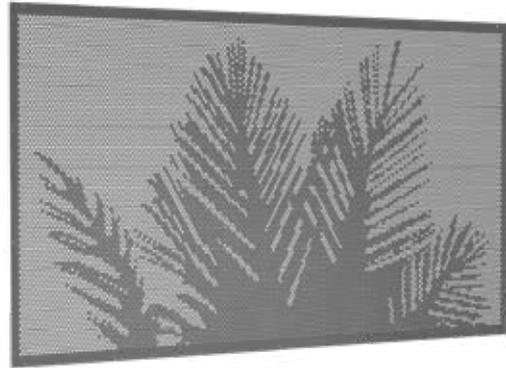
PERFORATED POOL FENCE  
FULL OR DECORATIVE INFILL PANEL  
PREMIUM PERF OUTER FRAME

FABRICATION OVERVIEW

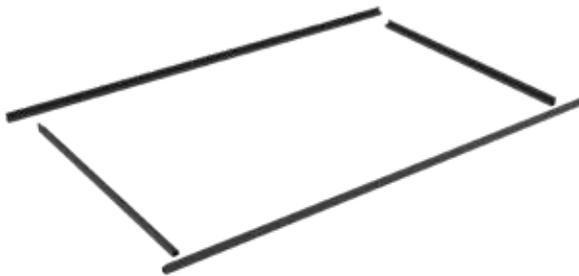


Premium Perf FULL infill panel

OR



Premium Perf DECO infill panel



Premium Perf outer frame



Wafer screws

METHOD 1:



Horizontal Brackets

METHOD 2:



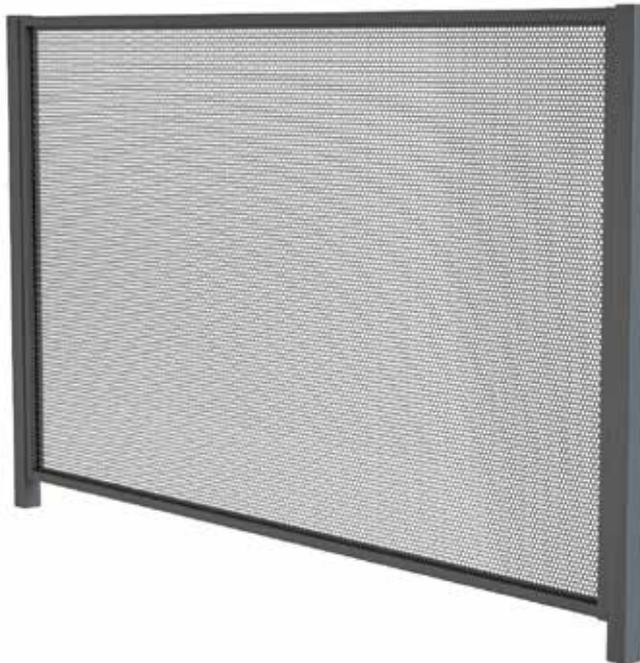
U Channels

## Installation Method Overview

### METHOD 1: Horizontal Bracket Installation



### METHOD 2: U Channel Installation



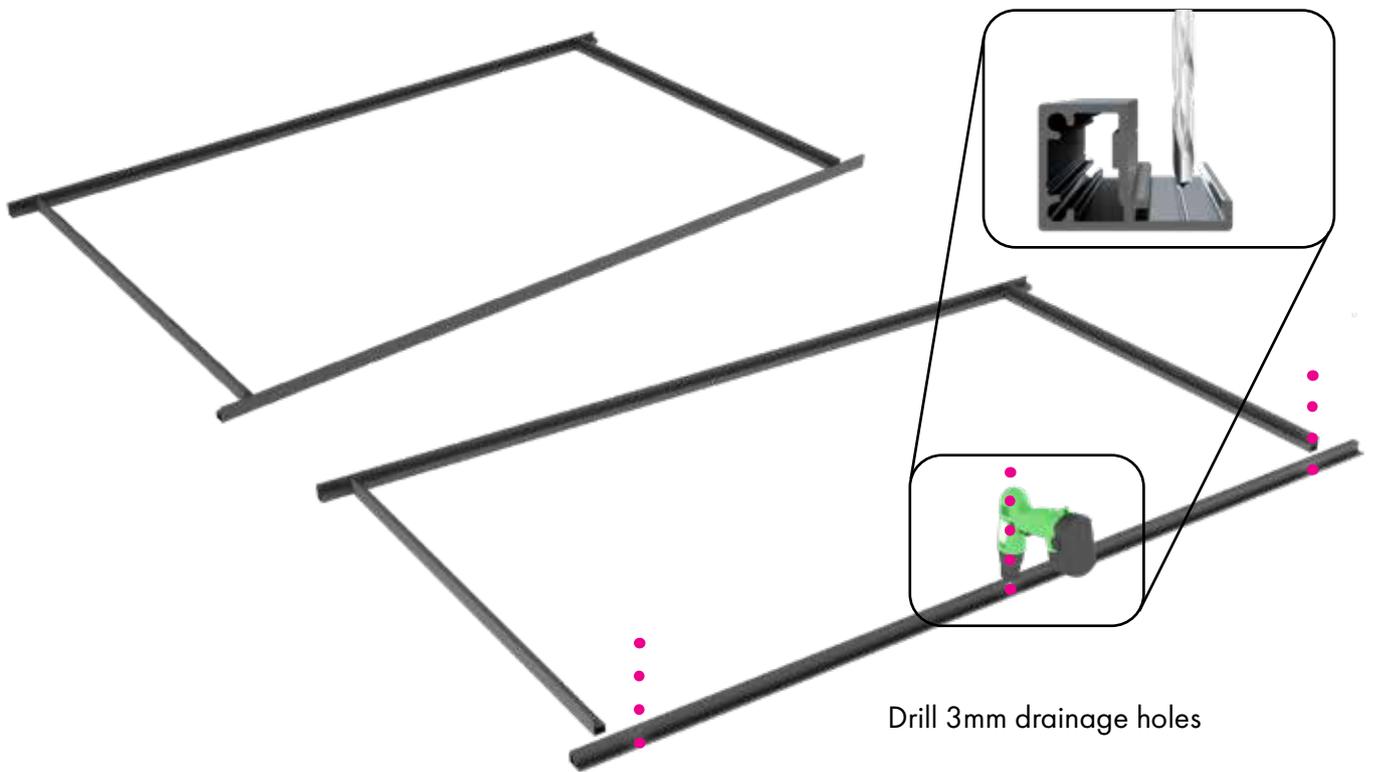
**METHOD 1**

**Premium Perf Pool Barrier Installation – Bracket Fit**  
Based on framed panel size 1200mm H x 2000mm W



**NOTE**

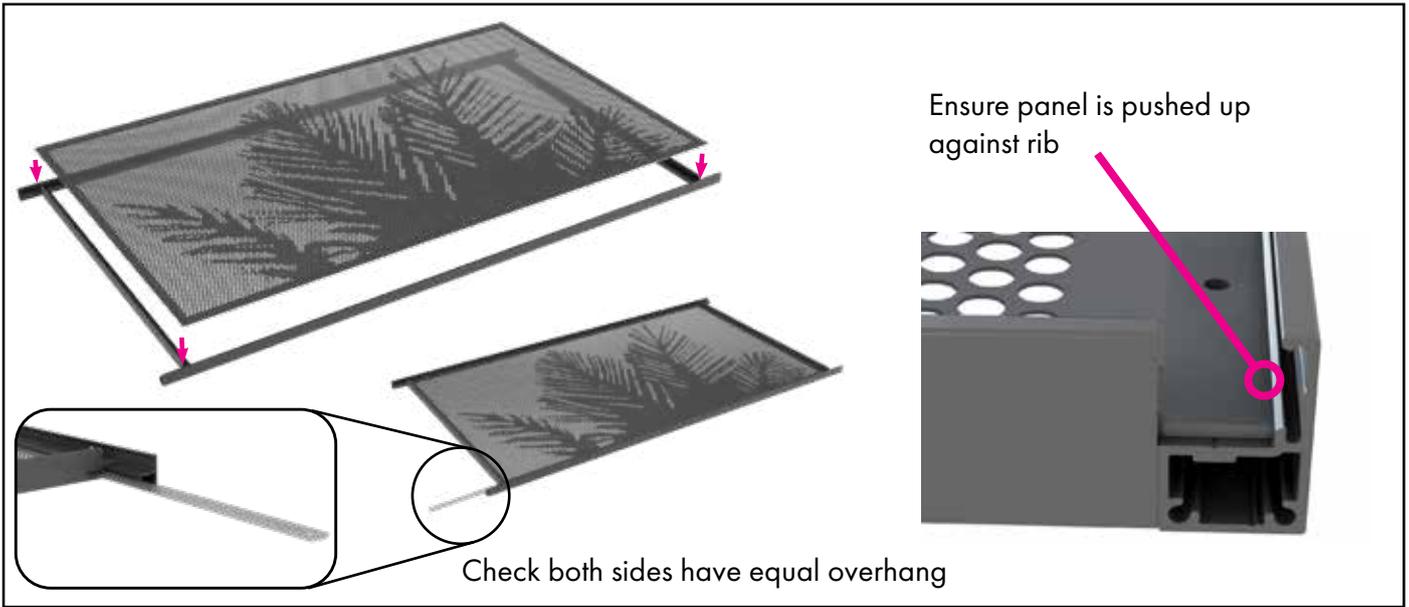
Assembled panels are standard at 2000mm wide x 1200mm high  
As standard, horizontal rails are supplied at 2147mm which provides 75mm 'gap' at each side.  
If altering, the minimum gap allowance is 35mm to allow for Horizontal Brackets.  
As standard, vertical panels stiles are supplied at 1149mm.  
'Daylight' between posts for standard installation is 2150mm.  
For height and width adjustment, refer Appendix 1.



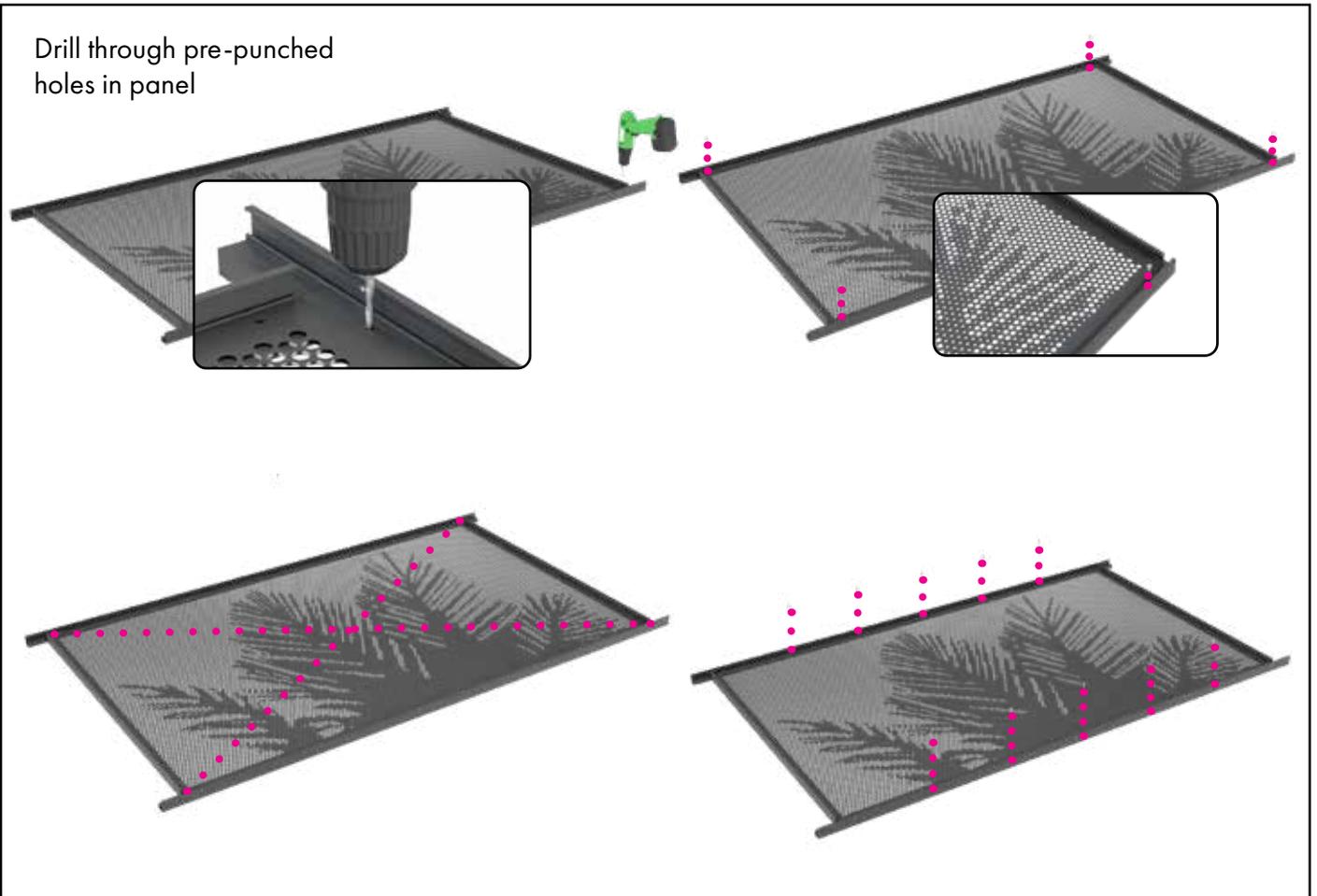
Drill 3mm drainage holes

**1**

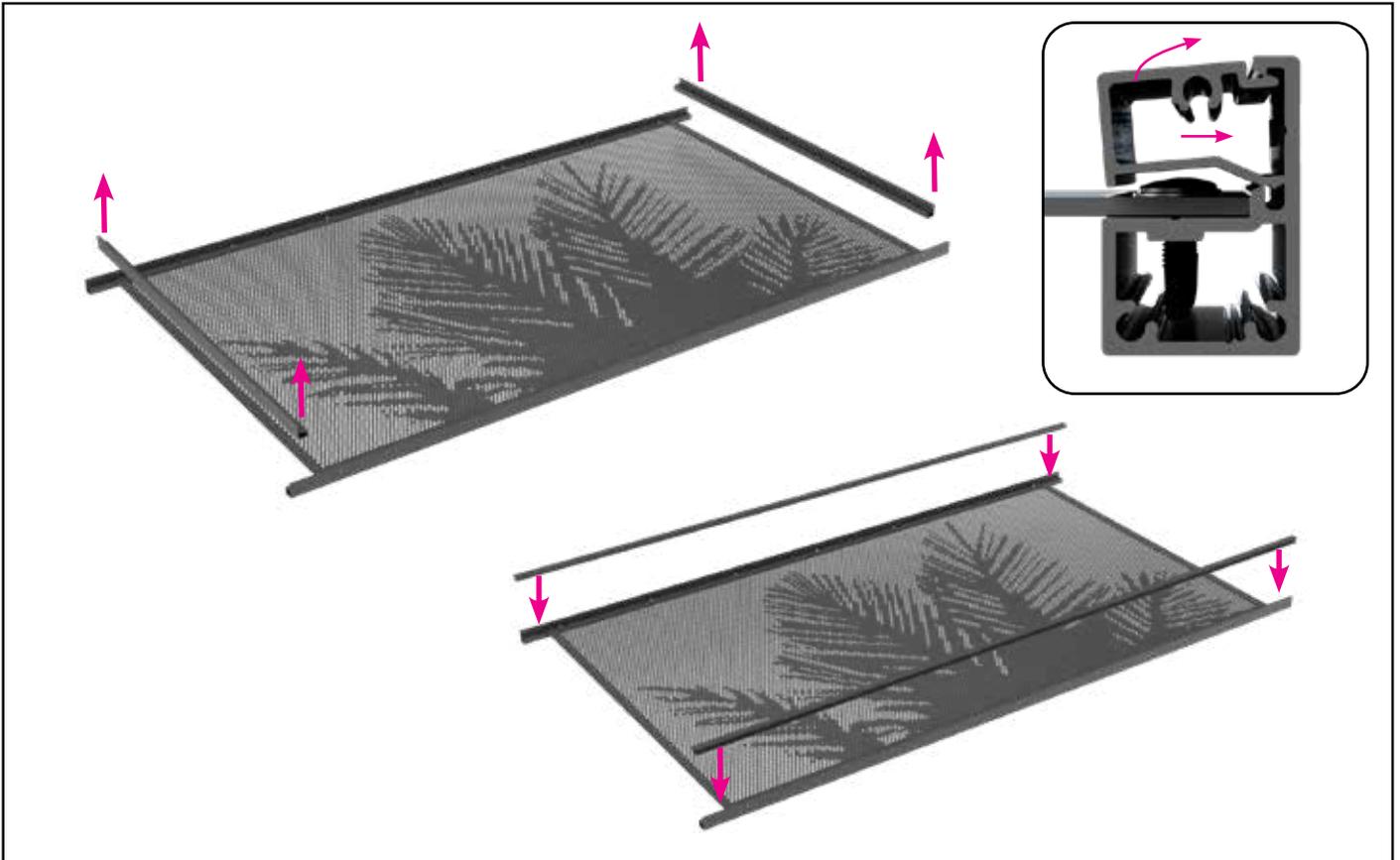
Lay out rails in picture frame (side rails inside top/bottom rails).  
Drill 3mm drainage holes in bottom rail at 2 ends and midpoint



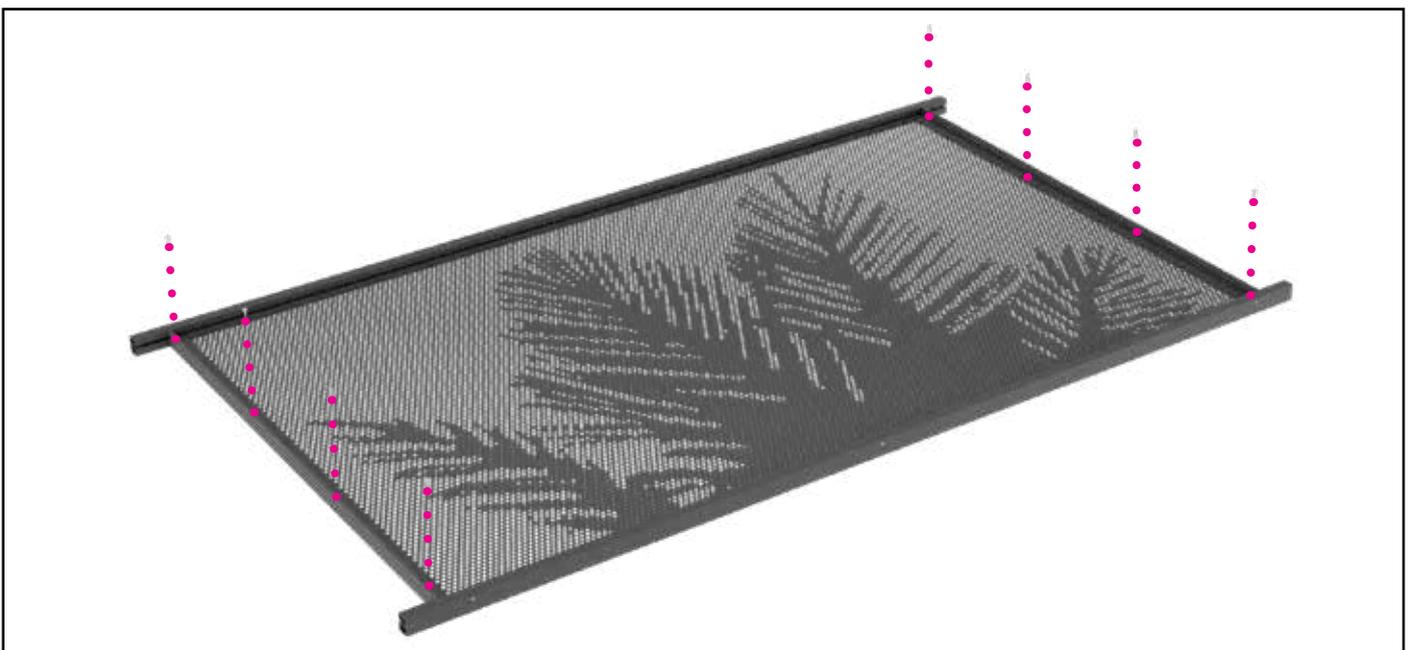
- 2** Place panel in frame rebate, ensuring panel is tight against rail rib on all 4 sides. Check measure top and bottom rail overhang to be equal on both sides and check square.



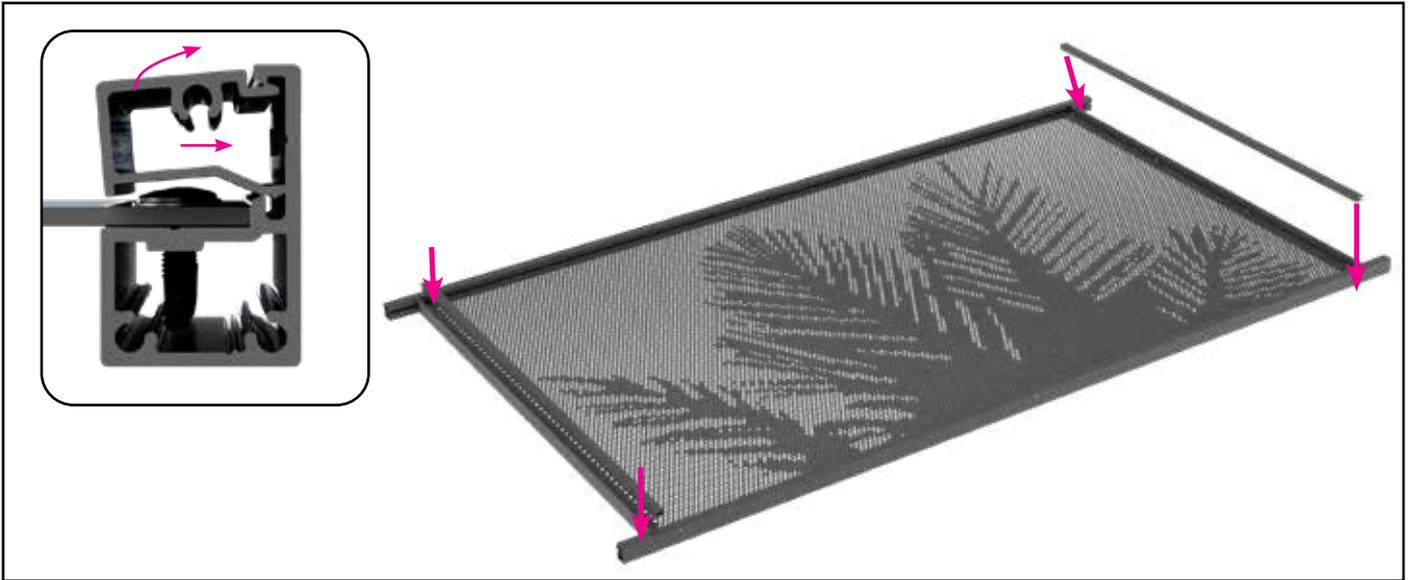
- 3** Drill 3mm pilot holes into the top and bottom outer frame rebate, aligning with the pre-punched holes in the panel border. Start with the 4 outer holes and affix with self tapping wafer screws and check for squareness. Adjust as necessary before drilling and screwing the remaining holes.



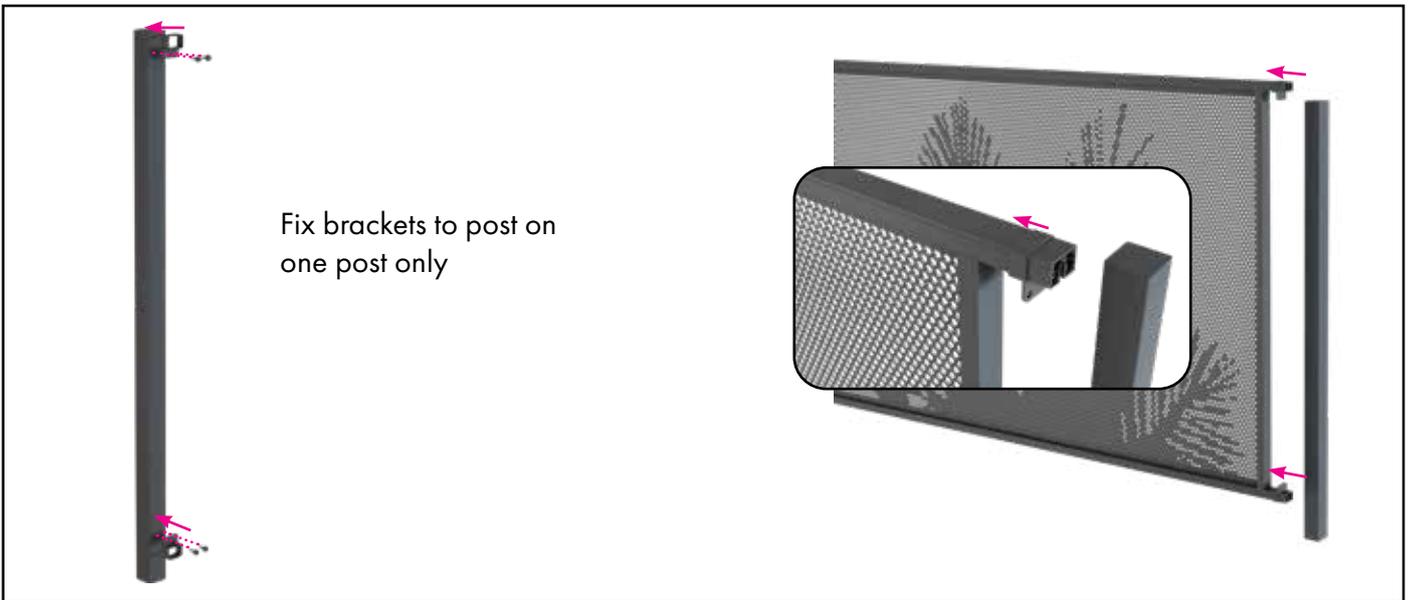
- 4** Remove the side rails from panel temporarily and affix clip bead to top and bottom rail. Return side rails into position and ensure panel is tight against rail ribs (both sides).



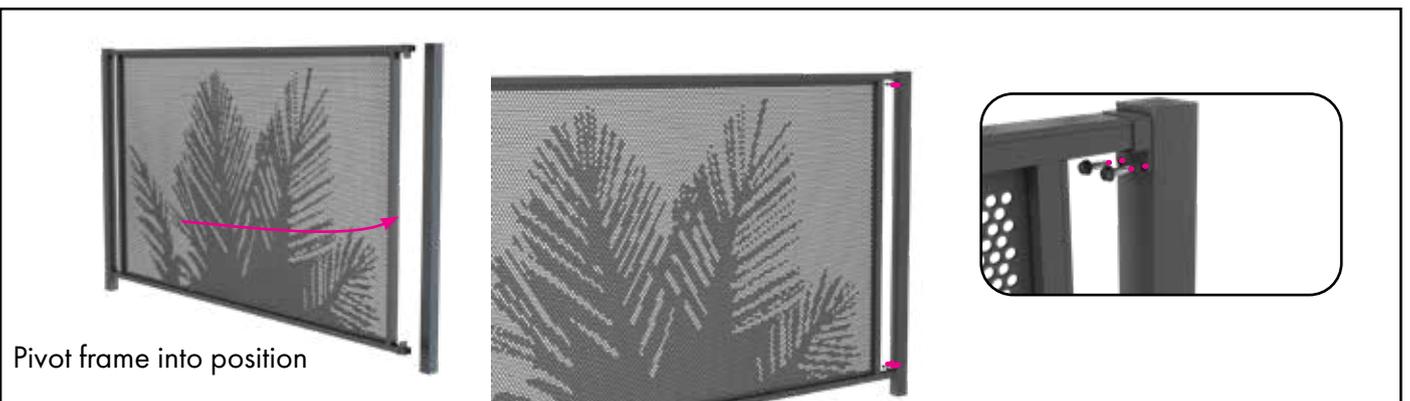
- 5** Drill 3mm pilot holes and affix panel to side rails with self tapping wafer head screws using pre-punched fixing holes. Check panel is square before and after tightening. Adjust as necessary.



**6** Affix clip bead to side rails



**7** Affix brackets to 1 post (top and bottom) with suitable fixings at the distance of the top and bottom rails of the completed panel, considering the gap between bottom rail and finished ground level. Slide loose brackets onto opposite side top and bottom rail of the complete panel.



**8** Insert rail into fixed brackets and pivot panel into position. Secure loose brackets onto post and panel with suitable fixings.

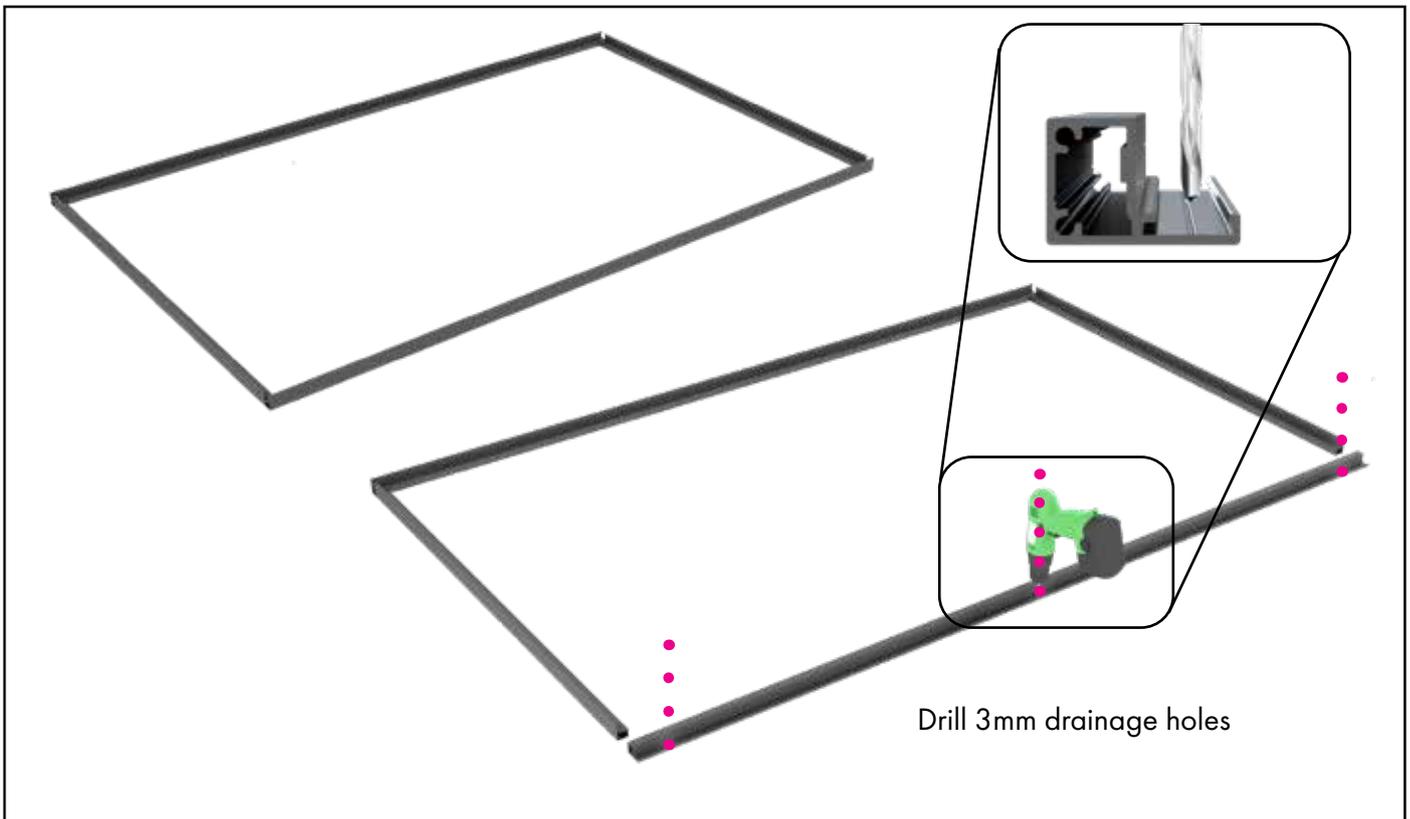
METHOD 2

### Premium Perf Pool Barrier Installation – Channel Fit

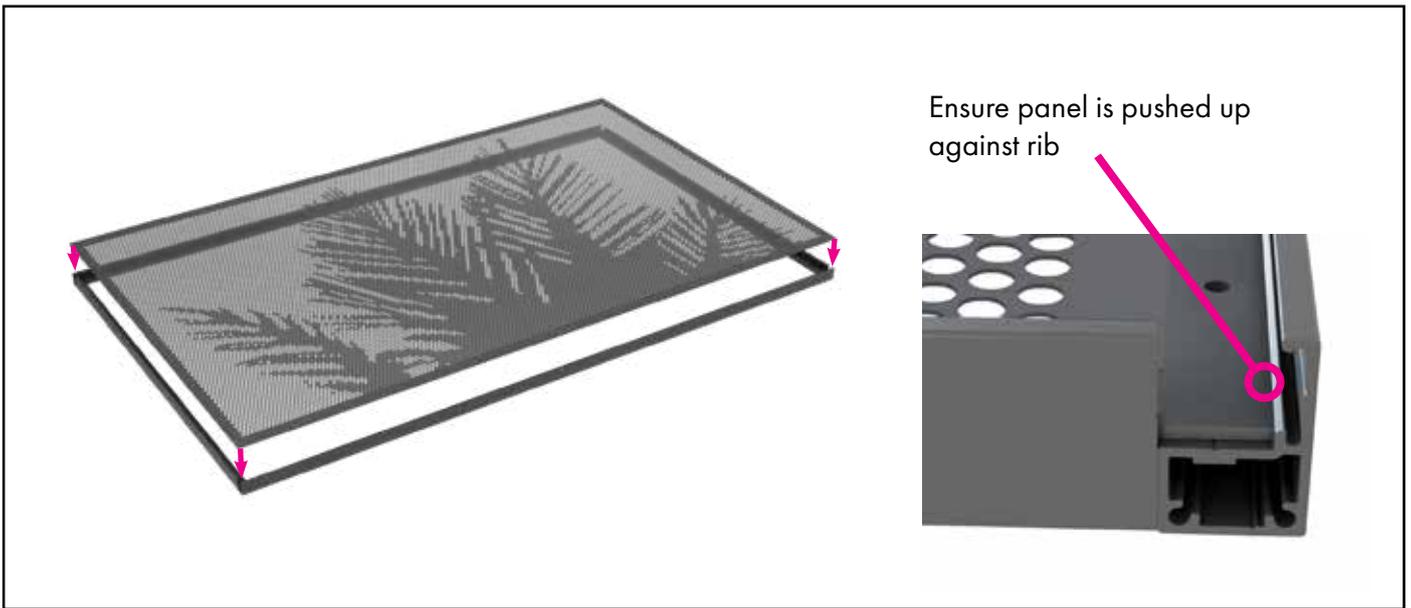
Based on completed panel size 1200mm H x 2000mm W



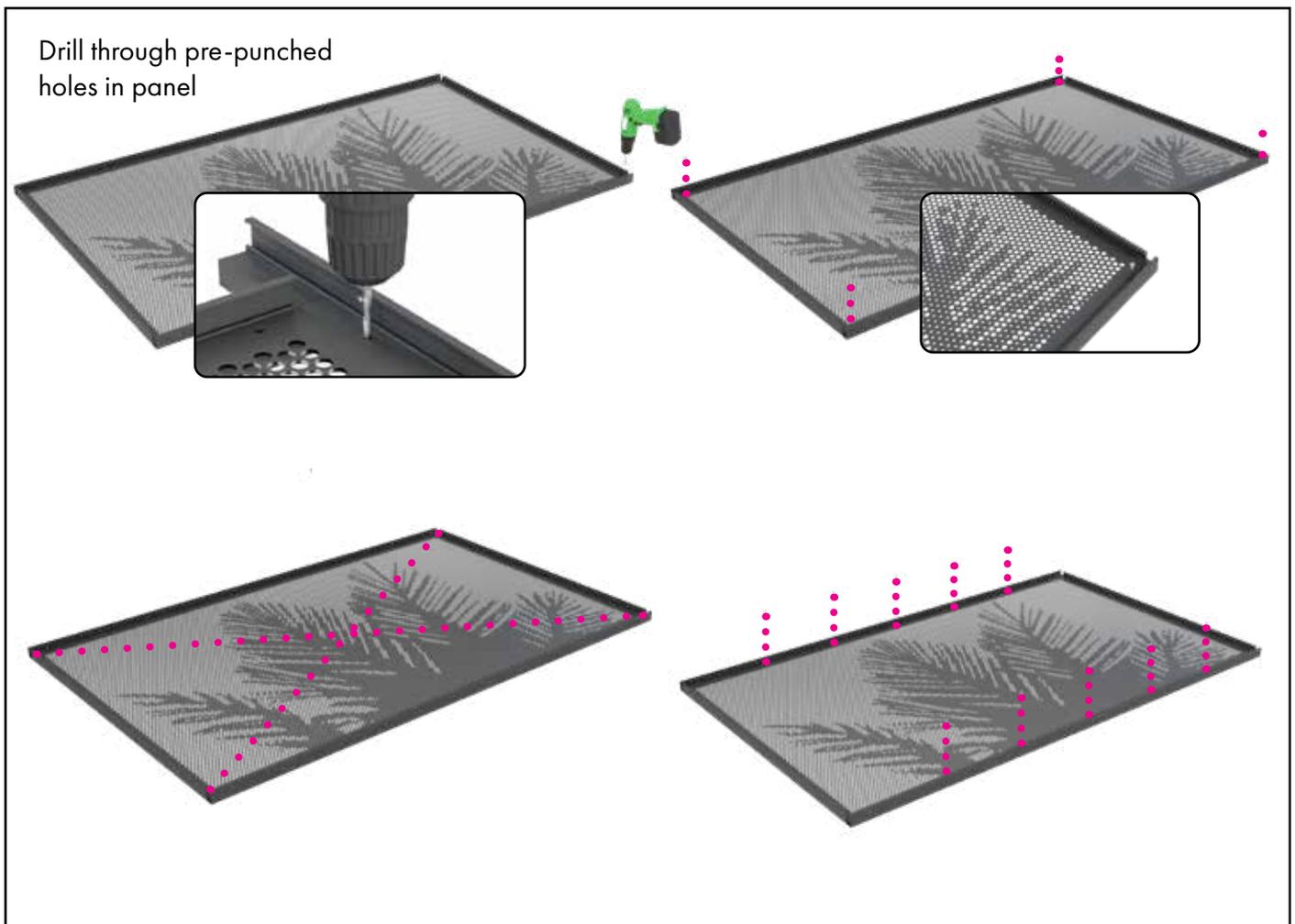
**NOTE** Assembled panels are standard at 2000mm wide x 1200mm high  
As standard, horizontal rails are supplied at 2147mm  
For U Channel Installations, cut horizontal rails to 2000mm wide  
As standard, vertical panels stiles are supplied at 1149mm long  
'Daylight' between posts for standard installation is 2012mm.  
For height and width adjustment, refer Appendix 1.



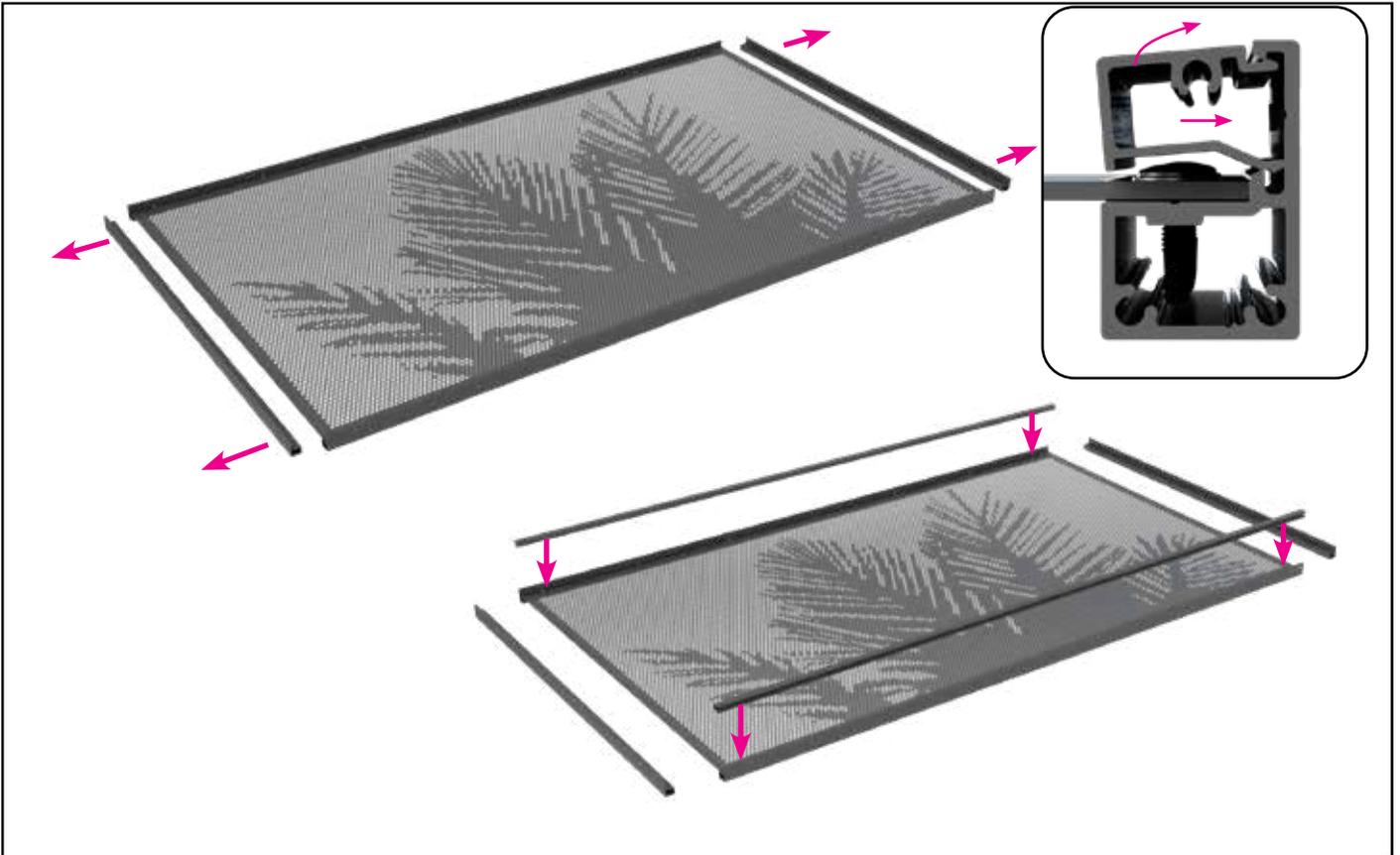
**1** Lay out rails in picture frame (side rails inside top/bottom rails).  
Drill 3mm drainage holes in bottom rail at 2 ends and midpoint



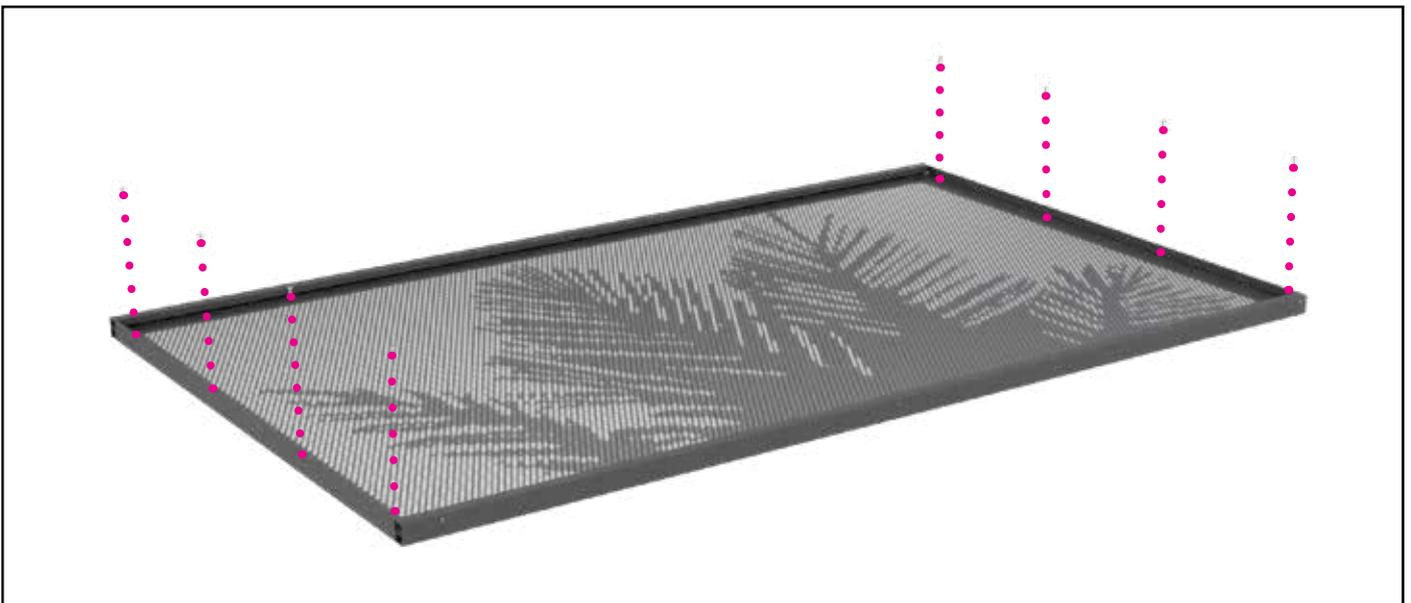
- 2 Place panel in frame rebate, ensuring panel is tight against rail rib on all 4 sides. Check square.



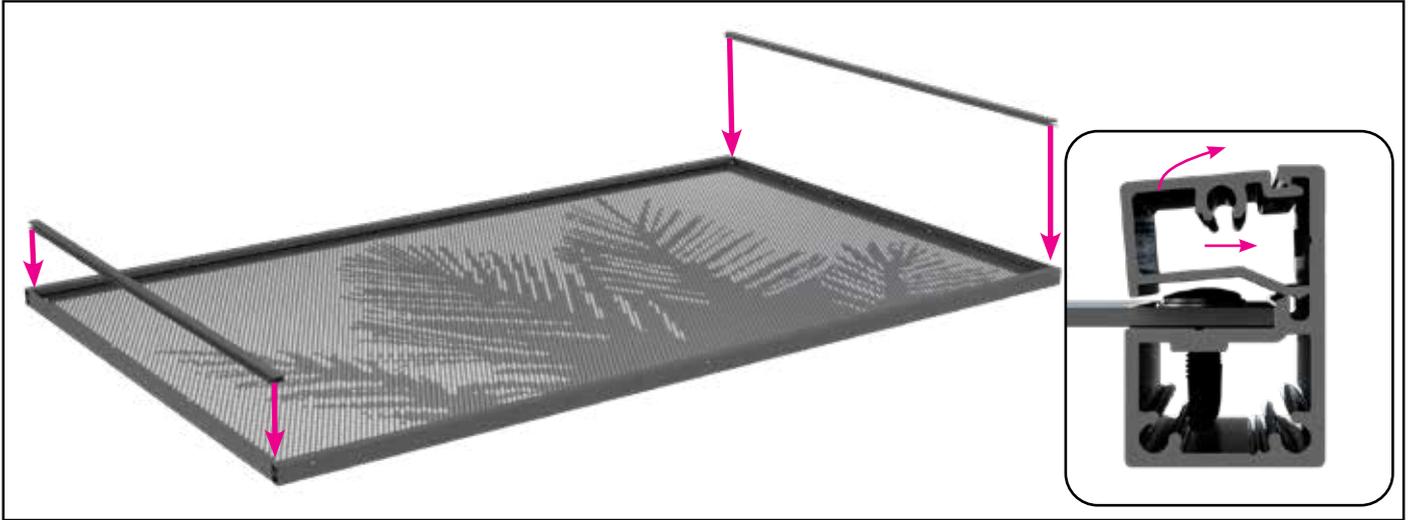
- 3 Drill 3mm pilot holes into the top and bottom outer frame rebate, aligning with the pre-punched holes in the panel border. Start with the 4 outer holes and affix with self tapping wafer screws and check for squareness. Adjust as necessary before drilling and screwing the remaining holes.



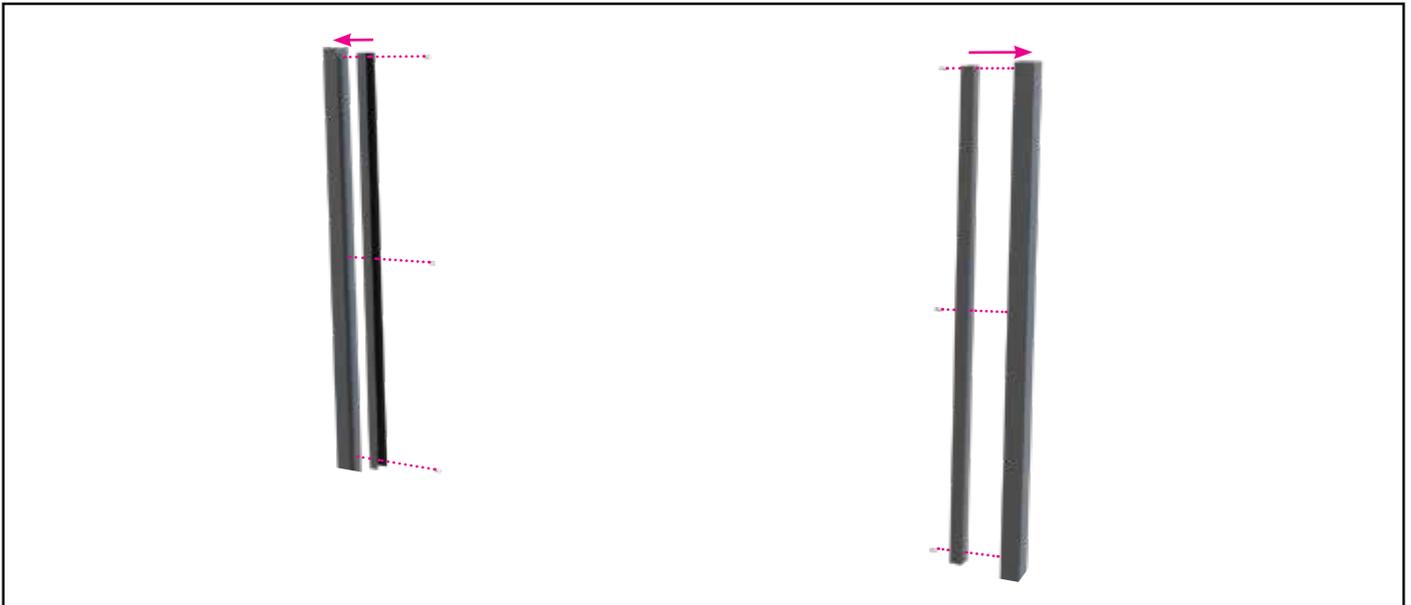
- 4 Remove the side rails from panel temporarily and affix clip bead to top and bottom rail. Return side rails into position and ensure panel is tight against rail ribs (both sides).



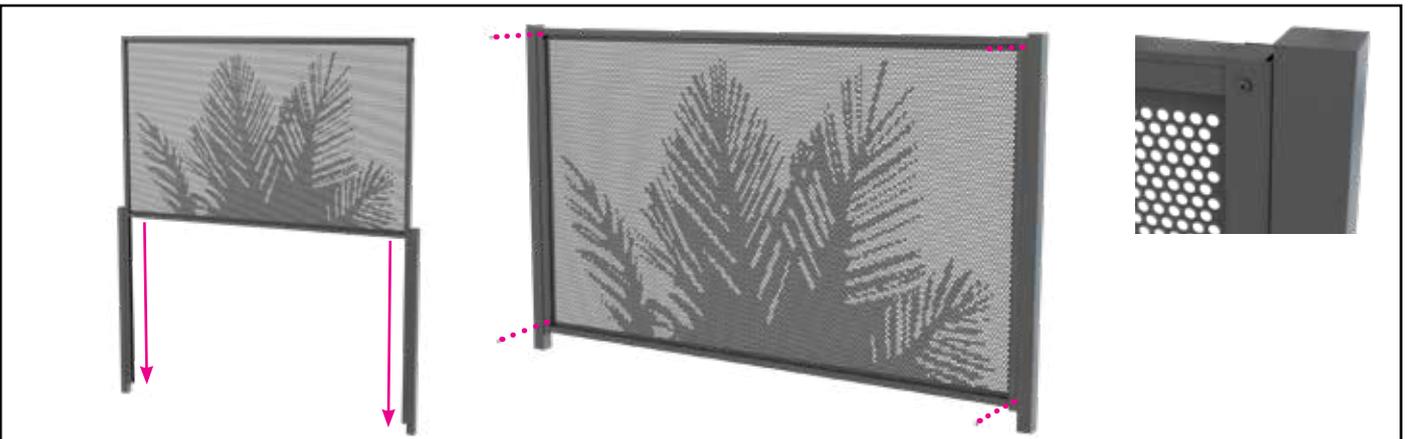
- 5 Drill 3mm pilot holes and affix panel to side rails with self tapping wafer head screws using pre-punched fixing holes. Check panel is square before and after tightening. Adjust as necessary.



**6** Affix clip bead to side rails



**7** Screw fix U-Channel to aluminium posts using self tapping wafer head screws, considering the gap between the bottom rail and the finished ground level. Fix off vertical U channel to posts at 3 points – bottom, middle and top.  
NOTE: Allow for suitable fixings if installing to varied post materials.



**8** Lower panel into U Channel and fix off using wafer head screws in each corner of the completed panel

## APPENDIX 1 – FABRICATION OVERVIEW PANEL SIZE ADJUSTMENT

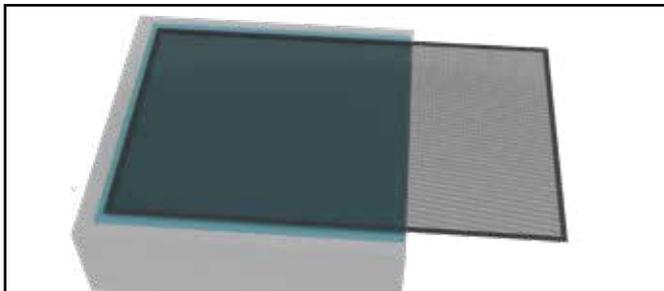
### WIDTH AND HEIGHT ADJUSTMENT FOR OUTER FRAME

#### METHOD 1: Bracket Installation

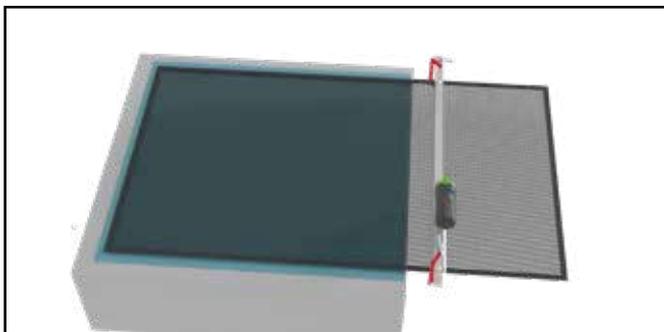
2 x Horizontal Top/Bottom Rails = distance between posts – 3mm  
 2 x Vertical side frames = Outer frame height of panel – 51mm  
 \*\* for WIDTH adjustment, suggested minimum gap between vertical side stile and post is 35mm which provides necessary gap for installation with brackets.

#### METHOD 2: U Channel Installation

2 x Horizontal Top/Bottom Rails = distance between post – 12mm  
 2 x Vertical side frames = Outer frame height of panel – 51mm  
 2 x Vertical U Channels = Outer frame height of panel  
 \*\*For Width, allowance of length of panel + 12mm between posts is for fixings and channel



- 1 Lay the panel on flat, padded surface, overhanging the off-cut.  
Deduction = Overall finished outer-frame size minus 12mm.

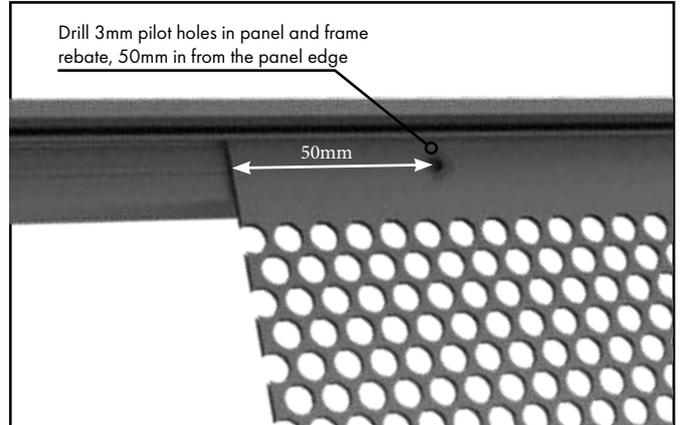


- 2 Using a clamped straight-edge as a guide, cut using a Nibbler tool.  
Once cut, file any sharp or protruding edges.  
Tip: For best visual appearance, remove both borders if sizing permits.

See Steps 1-6 of Bracket or U Channel Assembly Guide, incorporating steps 4 & 5 below.

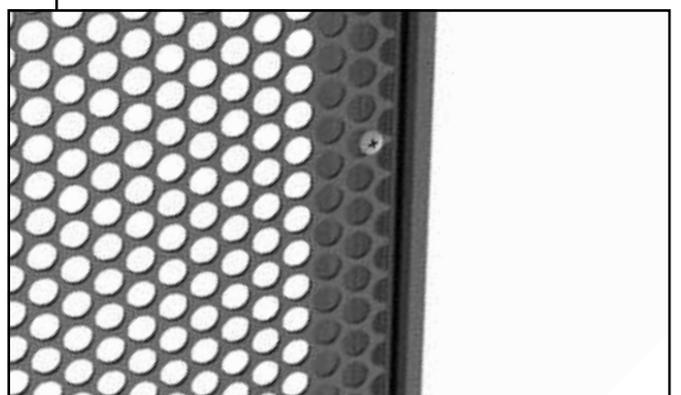
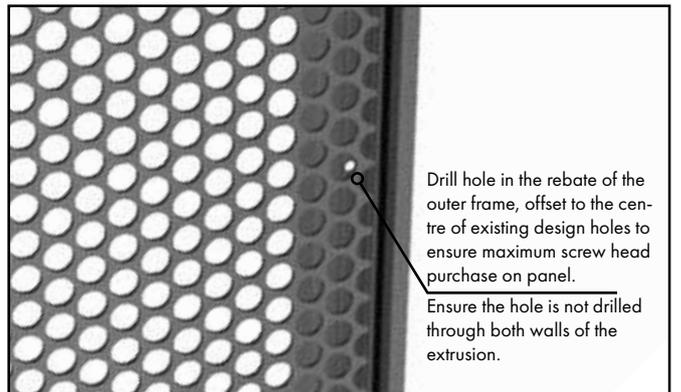
- 3 Assemble outer frame to panel as per steps 1 to 6 (bracket or U Channel methods).

#### Horizontal rails:



- 4 The fixing holes in the adjacent border to the cut edge may have been removed during cut-down.  
Drill 3mm pilot holes for fixing approximately 50mm in from each corner.  
Affix using self tapping wafer head screws.

#### Vertical rails:



- 5 The border and pre-existing fixing holes will be removed when adjusting the panel size.  
Drill 3mm pilot holes in the rebate of the outer frame, positioning holes off-set to the centre of the existing design holes, ensuring screw head has maximum purchase on the panel.  
Holes to be approximately 50mm from each corner and 400mm apart.





Errors and omissions excepted. Measurements and drawings are provided as a guide only and should not be relied upon solely for installation purposes.

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Due to each installation situation being different, it is the installer's responsibility to seek engineering compliance and/or certification should it be required as part of a project, regulatory or statutory requirement.

As each installation site is different, it is the installer's responsibility to consider the impact of wind loads on the design of a fence. Please consult your engineer for site specific matters relating to wind loads.

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