

# Straightcurve® Zero-Flex Raised Garden Bed Panel - 240mm

FHL240WS WEATHERING STEEL | FHL240GS GALVANISED STEEL

## EDGE STYLE

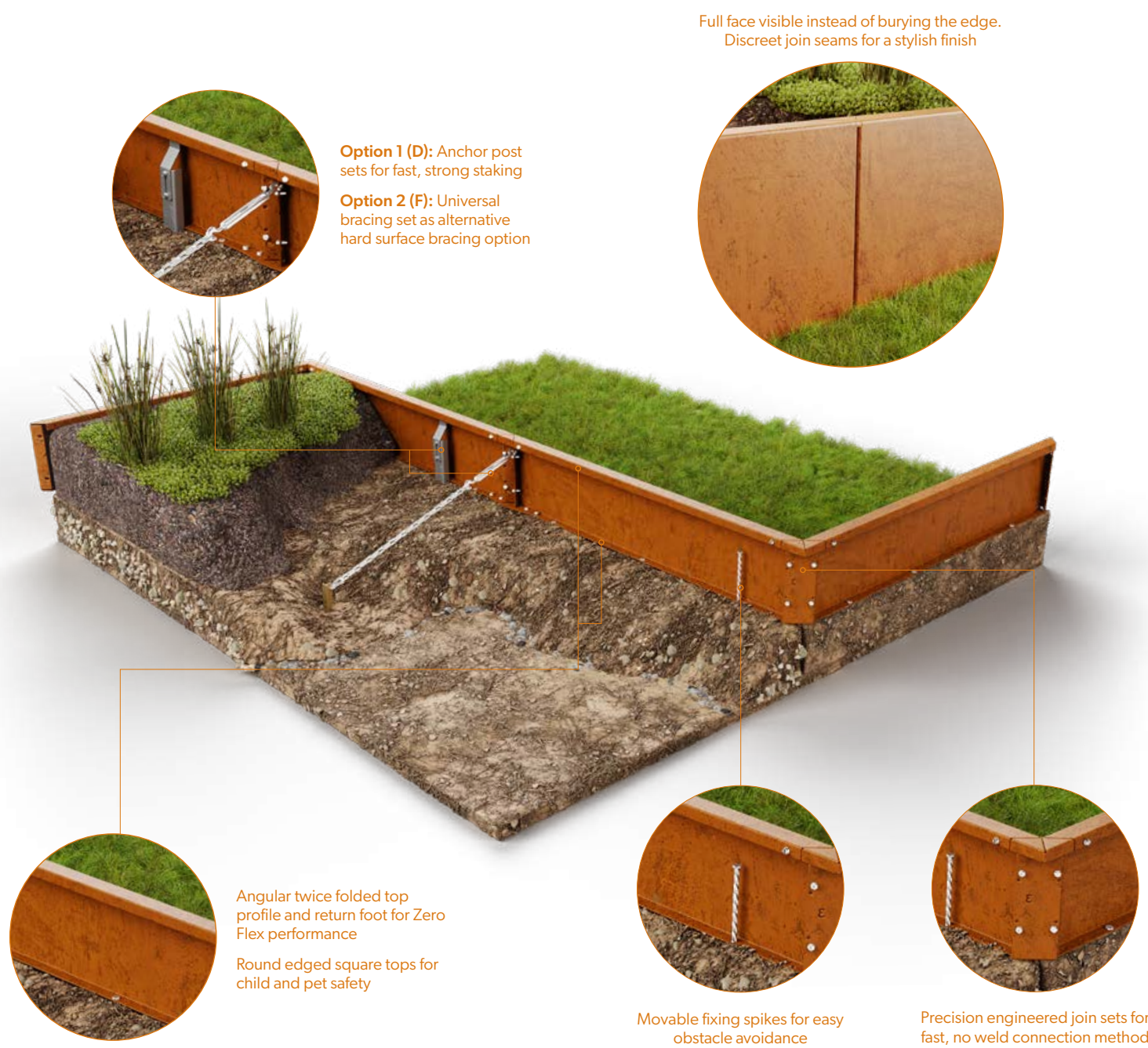
## FINISHES

- Galvanised Steel
- Weathering Steel

*For lasting, perfectly straight unmovable lines*

## Product features

*The details that make the difference*



Full face visible instead of burying the edge.  
Discreet joint seams for a stylish finish

**Option 1 (D):** Anchor post sets for fast, strong staking

**Option 2 (F):** Universal bracing set as alternative hard surface bracing option

Angular twice folded top profile and return foot for Zero Flex performance

Round edged square tops for child and pet safety

Movable fixing spikes for easy obstacle avoidance

Precision engineered joint sets for fast, no weld connection method

## Product specifications

### TECHNICAL SPECIFICATIONS

Panel Lengths	400/600/800/1000/1200/2000 mm
Top edge thickness	46mm
Steel plate thickness	2mm
Weight per panel	3.5/5.0/6.6/8.2/9.7/15.8kg

### BULK BUYING

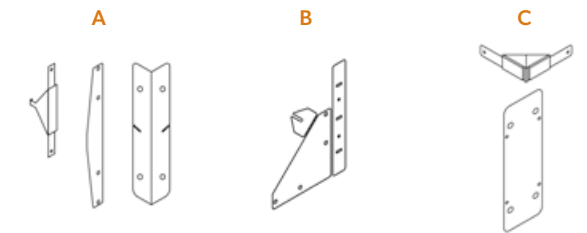
Pack quantity	10
Bulk pack weight	35/50/66/80/97/158kg



### JOIN SETS ARE REQUIRED

- A** Straight join set (panels in a line) \*
- B** Closed corner set (standard 90°, right angle) \*
- C** Reverse Corner set (270°, L-shapes) \*

\*All require Tek screws, select the required sets to suit configuration



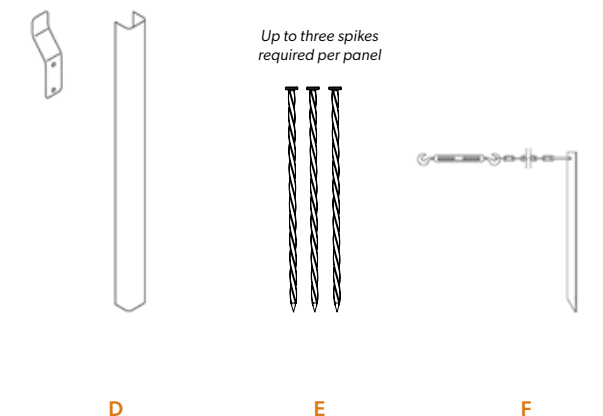
### ADDITIONAL ACCESSORIES

#### REQUIRED

- D** Ground anchor set - 470mm, use one for every straight join/ one extra for 2000mm panel
- E** Fixing spikes, galvanised, 300mm long
  - 2 for 400/600/800mm panels
  - 3 for 1000/1200/2000mm panels

#### OPTIONAL

- F** Universal bracing set (turnbuckle/chain/T-stake) as ground anchor post alternative for straight joins



240mm

240mm

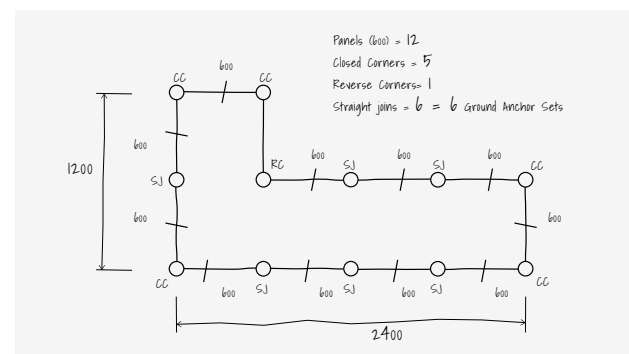
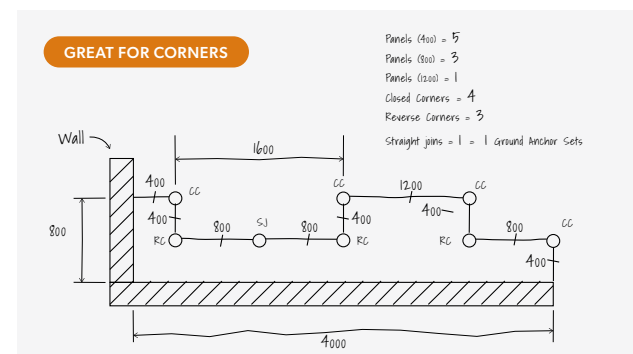
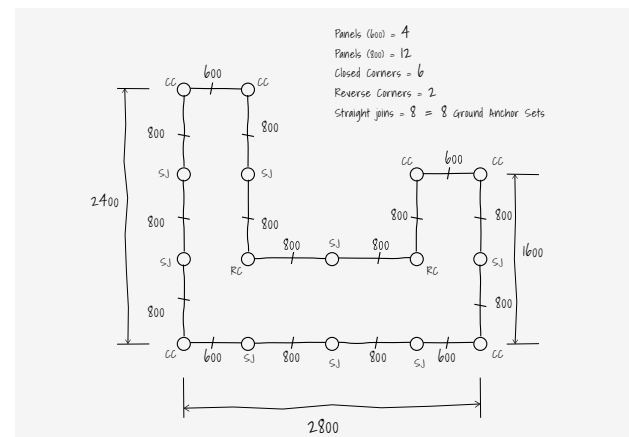
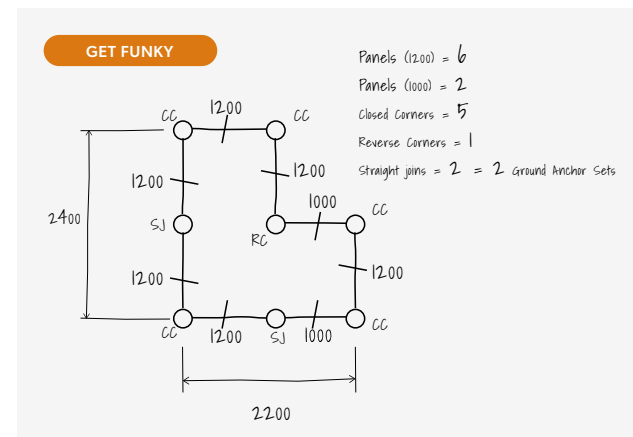
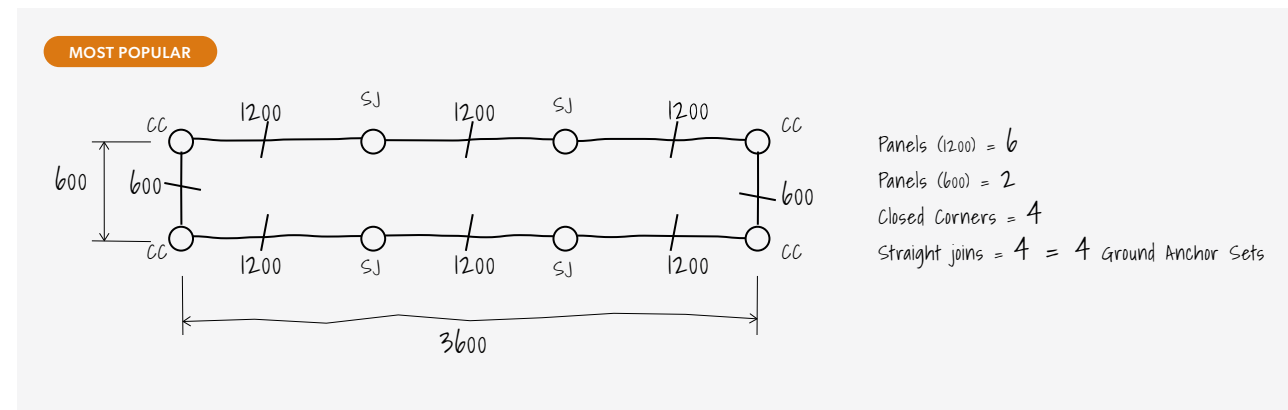
# Choosing the right panels, join sets & accessories

## In three easy steps

**Step 1:** Sketch out your raised garden bed shape including dimensions of all sides.

**Step 2:** On your sketch, mark out all panel sizes required to build your design. Note: Straightcurve® planter panels are available in 400mm, 600mm, 800mm, 1000mm, 1200mm and 2000mm long lengths to make up a 'nearest to' option.

**Step 3:** Jot down the number of panels of each length needed for your design. Do the same for joining accessories (circle each panel join and tally the number of straight joins, closed corners, and reverse corners required). The number of straight joins also counts for the number of ground anchor sets needed (see bracing advice).



**Note:** the join sets bring the panels snug together, but manufacturing tolerances mean the total length once joined may be marginally longer (talking mm's) than expected, so be careful with tight spaces!

\*see what panel sizes are locally available or if lead times apply for any panel sizes, prior to planning.

# Zero-Flex Raised Garden Bed Panel - 240mm Installation Guide

Scan or click to watch install video



▶ INSTALL GUIDE

## REQUIRED FIXINGS

- Closed corner set  
6 x Tek Screws (12G x 16mm)
- Straight join set  
10 x Tek Screws (12G x 16mm)
- Reverse corner set  
6 x Tek Screws (12G x 16mm)
- Ground anchor set  
2 x Tek Screws (12G x 16mm)

## RECOMMENDED TOOLS

- Ground leveling tools
- Metal hammer
- Cordless drill and Tek screw bit
- Pliers

## PREPARATIONS

The Zero-Flex Raised Garden Bed requires NO digging in as it is fixed at the feet to the ground surface. The ground should be level for the edge to sit flush on during installation. Any obstructions should be removed or re-routed. It can be installed on all level ground types including concrete surfaces (where packers are used to sit edge off ground to allow drainage).

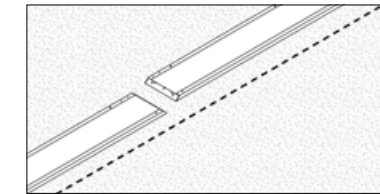
## DO...

- ✓ Check the line with a string line before fixing the base
- ✓ Use join set parts in the stepped order recommended
- ✓ Get the top join pieces to sit just right before screwing tight
- ✓ Use the Universal Bracing Set for bracing retaining steps
- ✓ Brace near to or at all straight joins
- ✓ If installing on a hard surface line the bed to prevent grit spill
- ✓ Set drill speed to high when drilling into ground anchor posts

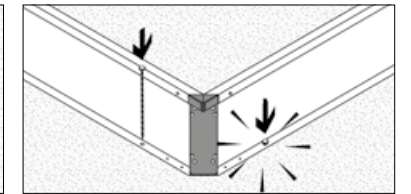
## DON'T...

- ✗ Set directly onto a hard surface without raising slightly with packers
- ✗ Forget to stake/brace any straight joins or ends
- ✗ Accelerate rust with acids or salts (but soapy water is ok!)
- ✗ Try and use pop rivets, requires Tek screws for strength
- ✗ Forget the safety gloves when working with steel!

## MARKING OUT AND SECURING ASSEMBLED GARDEN BEDS



**MARKING SHAPE** - Mark edge line or use string line on flat ground and layout edge pieces nearby. All panels will now require joining by way of joining option A, B or C.

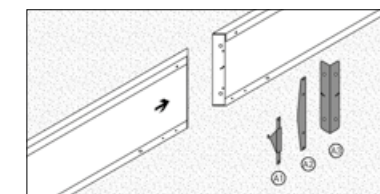


**SECURING TO GROUND** - Once ALL the panels are joined and in the exact finishing position use fixing spikes to secure base through holes in foot.

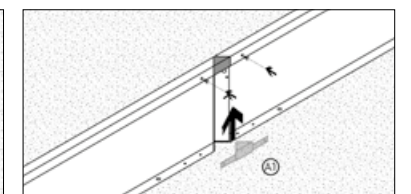
**STAKING / BRACING FOR SUPPORT** - Will be required and two methods are explained in following pages.

**BACKFILL** - Evenly to complete the project once staking/bracing is done.

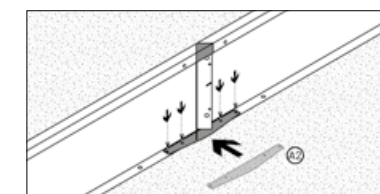
## (A) STRAIGHT JOIN



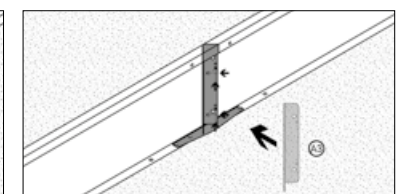
**STEP 1** - For a straight join (two panels in a line) use the Straight Join Set (A). Separate the pieces in the set.



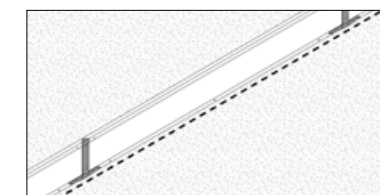
**STEP 2** - Stand the first two panels together on a flat surface and insert top connector piece (A1), align guide holes and screw



**STEP 3** - Slide in foot joiner (A2), align guide holes and screw

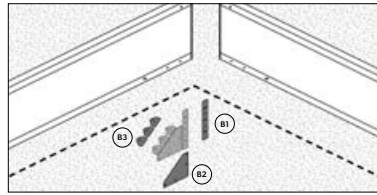


**STEP 4** - Fit back rib (A3) flush to align guide holes and screw.

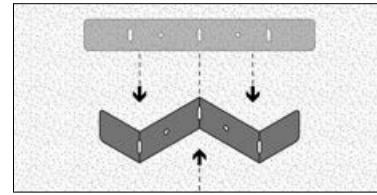


**STEP 5** - Connect further panels to extend line of Raised Garden Bed panels.

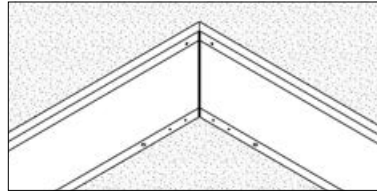
## (B) RIGHT ANGLE CORNER (90°)



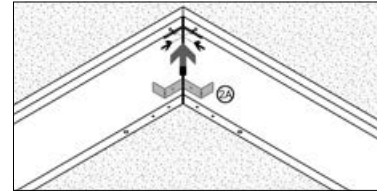
**STEP 1** - When creating a standard right angle corner (90°) use the Corner Join Set (B). Break apart the pieces in the set.



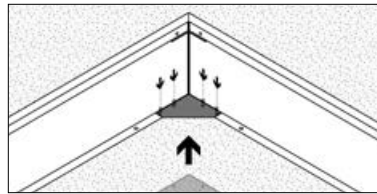
**STEP 2** - Take strip piece (B1) and use pliers to shape into staircase pattern.



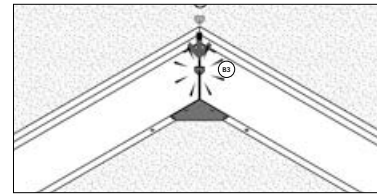
**STEP 3** - Stand the two panels at right angles to each other and butt together.



**STEP 4** - To join - insert top connector 'staircase' piece (B1), align guide holes and screw.

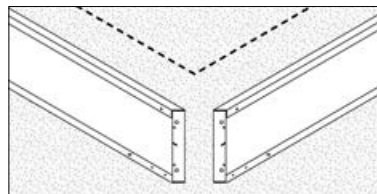


**STEP 5** - Slide in foot joiner (B2), align guide holes and screw.

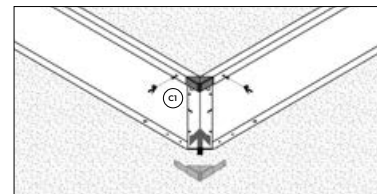


**STEP 6** - Firmly grip and hammer arrow shaped wedge piece (B3) into angled slot at back to fully secure the join .

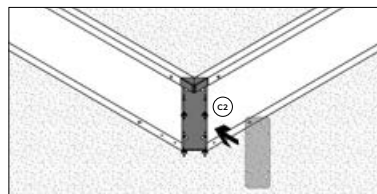
## (C) REVERSE CORNER (L SHAPE BED)



**STEP 1** - For a reverse corner stand the two panels in the L shape formation and butt them together.



**STEP 2** - From the reverse corner join set (C), insert (slide in) the top piece (C1) as shown and align guide holes and Tek screw in place.

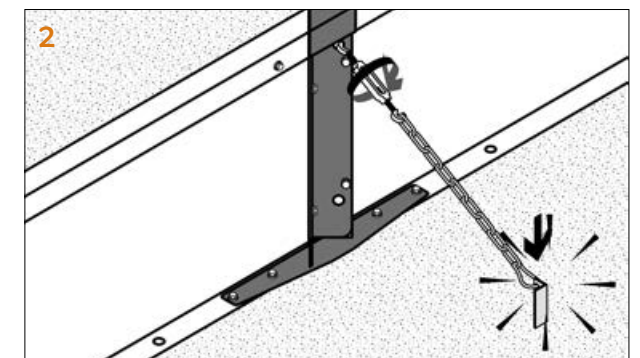
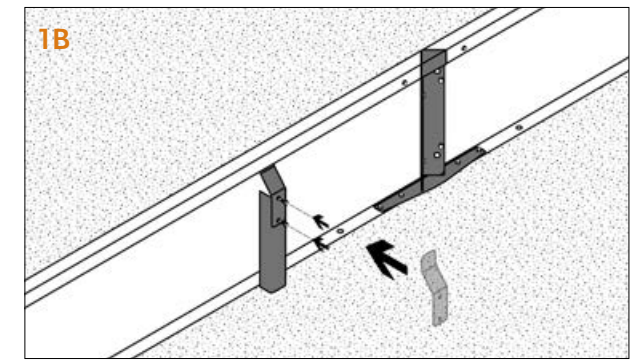
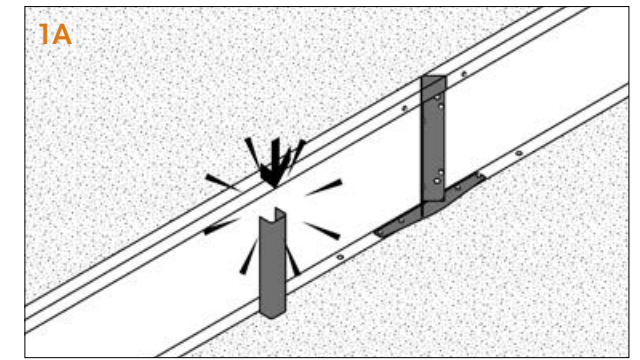


**STEP 3** - Position the back fixing plate (C2) to align with the guide holes and Tek screw to secure

## BRACING THE PANELS

ALL straight joins and garden bed ends will require bracing Either:

1. Use Grounding Anchor Set (A) - 470mm adjacent straight joins and at wall ends (also required in middle of 2000mm length panels). Fitting lip (B) is set behind the top lip of panel and then screwed to ground anchor post; OR
2. Use Universal Bracing Set to hook into top hole in join rib and anchor to the ground, adjusting tension with the turnbuckle. For the middle of the 2000mm panels there is no point of attachment, but bracing at that point is required. The turnbuckle can be secured there by drilling out an hook in hole in the back of the fold over lip.

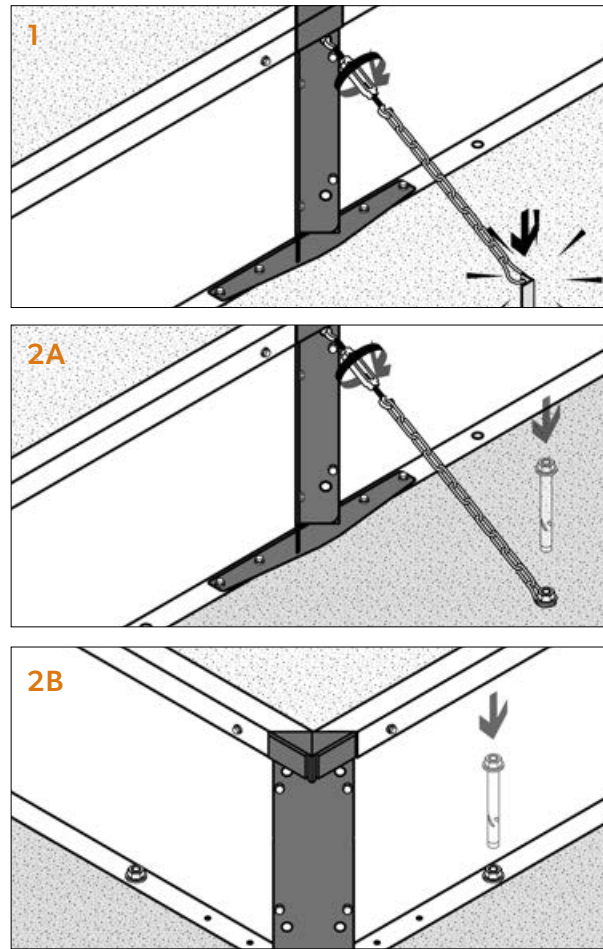


## HARD SURFACE BRACING METHOD

The 470mm ground anchor posts cannot penetrate some hard and rocky ground. In these situations use the Universal Bracing Sets by fitting the turnbuckle with chain to the straight joins through hook in holes and anchor back to the ground.

1. The stake that comes with the Universal Bracing Set is of a star picket style and will penetrate very hard surfaces, as do the fixing spikes that lock in the feet.
2. On concrete, a bolt down method can be used in place of the stake, anchoring the chain with a DynaBolt™ (A). Bolt the foot holes in place with an 8mm DynaBolt™ (B), but first introduce packers to raise it slightly for drainage.

*TIP : When using the Universal Bracing Sets, securing the anchor point to alternative structures such as walls or fences is also a workable solution.*



## MAKING DIFFERENT HEIGHT RAISED GARDEN BEDS

The Zero-Flex raised garden beds look great in combination, with different heights placed together. They are not join compatible between heights, so the way to do this is to build them as separate raised garden beds and then butt them together or position them in proximity. A perfectly level base would be key to achieving this look.

## CREATING STEP FACES WITH ZERO-FLEX

Making steps is easy with the 240mm Zero-Flex where the width of the step can be selected as a complete panel. This works when the ends are hidden and discreetly secured. One way to complete the step is by building a complete rectangle box and filling and stacking them as they are installed up the slope. Alternatively, create a front step face and return at the sides using a closed corner set and additional panel. Either way, be sure to use extra ground anchor sets behind the panel and concrete around them to ensure sufficient retaining strength.

## SPECIAL CASE - USING A 2000MM PANEL

These panels are the longest available and will require a ground anchor set at the midpoint as well as where straight joins occur. If using the Universal Bracing Set a hole would need to be drilled into the back panel lip midway along the panel to allow attachment of the turnbuckle.