

240mm Raised Garden Beds

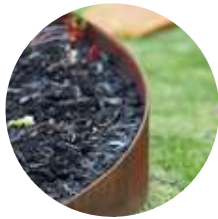
2025
VERSION

For curved and straight Raised Garden Bed situations.

Do you know what raised garden bed product is best for your project? Let's figure that out together here!

240mm

Use these edges as



RAISED GARDEN BEDS

Raised Garden
Bed borders

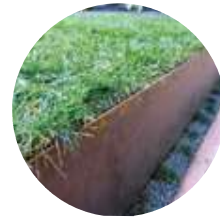
OR



PATH STEPS & RETAINING

Step faces for paths
and slopes

OR



LAWN EDGING

Lawn edge that stands taller

Perhaps it looks something like these?



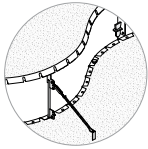
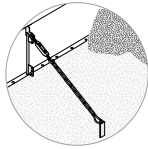
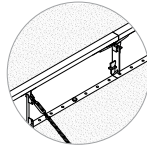
Straightcurve® Flex Raised Garden Bed - 240mm



Straightcurve® Zero Flex Raised Garden Bed - 240mm

How do you choose the 240mm Raised Garden Bed that's best for you?

We have solutions for curved and straight Raised Garden Bed situations. Use the below table to consider which is the best option from our range for your project. It's your call and we hope these recommendations makes it easier!

I'm looking for...	We recommend for this ...		
	 Flex - 240	 Rigid - 240	 Zero-Flex - 240
Something I can do myself	✓	✓	✓
A super high-quality raised garden bed that's stylish and strong	✓	✓	✓
Tree rings	✓	✗	✓
Something rigid that helps me to create a straight run	✗	✓	✓
A straight edge that will stay true and won't waver	✗	✓	✓
An edge ideal for linear designs with plenty of corners	✗	✓	✓
An edge that creates flowing organic lines in your garden	✓	✗	✗

240mm

How about this!? It's possible to create curved corners with the new Zero-Flex Feature Pieces. You can create a box top internal or external corner or even use them as a stand-alone feature to create a box-top tree tring!

Product overview

ROUNDED TOPS AND SAFETY FEATURES

The smooth, rounded tops and edges assist safe handling. When installed, all joins/fixings are internal so that the exposed top and front present as a smooth top edge and continuous fascia.

SAFER AND CLEANER HANDLING

We recommend wearing gloves as the manufacturing process can leave residual oils/dust and our products can get hot when exposed to sunlight. Our products are shipped in boxes and bundles, when lifting bundles handlers should be mindful of their carrying capabilities. Single items are easy to carry for one person (see product weights).

ABOUT WEATHERING STEEL

Weathering steel initially appears dark due to an oxide layer formed during the hot rolling manufacturing process. This layer must break down before the desired protective patina can develop. Patina formation may be uneven due to varying oxide layer thickness.

For optimal patina development, allow the steel to alternate between wet and dry periods. Avoid continuous wetting. Cleaning the oxide layer with soapy water can accelerate patina formation, but harsh chemicals should be avoided. Some rust solutions can safely enhance patina development. Consult a Straightcurve specialist for specific product care advice.

WHAT IS A PATINA

Patina is not the same as rust. While all rust is patina, not all patina is rust. Patina results from a chemical bond, usually with oxygen, that forms on most metals except for eight noble metals like gold or silver. "Normal" rust is iron oxide, but weathering steel's patina is a different story. It's a complex bond primarily between copper, phosphorus, chromium, nickel, iron, and oxygen. Water plays a critical role as an electrolyte, but that's a topic for another time.

The key takeaway? The patina formed on weathering steel is a dense layer that prevents further oxygen exposure and significantly slows down the oxidation process.

WILL THE STEEL STAIN MY PAVERS OR DECK?

While weathering steel may initially stain nearby surfaces during the early stages of rusting, this can be minimized by taking precautions. Protecting surfaces during the patina formation process is essential. Mild steel is more likely to cause staining due to its continuous rusting.

To prevent staining, consider pre-rusting the edges of the weathering steel before installation. This creates a stable patina and can be achieved quickly using a recommended rust solution.

LONGEVITY

Our products are of the highest quality ensuring longevity in the given environment. For further information please refer to the "Longevity Guide" and "Product Care Guide" on our website.

PAINTING, POWDERCOATING AND SEALING

Our galvanized products are ideal for painting or powder coating, but proper preparation is essential for optimal results.

Painting

- Thoroughly clean the surface with acetone.
- Apply a metal primer, such as an etch primer, to ensure maximum adhesion for the topcoat.

Powder Coating

- Powder coating offers superior durability and is a popular choice for large projects. We can provide lead times and cost estimates for these projects.
- We recommend Interpon powder from AkzoNobel for its quality and endurance.
- Always request a sample from your chosen powder coating specialist before finalizing your selection.

Sealing

- To preserve the patina at a specific stage, apply a transparent sealant designed for steel.
- Be aware that the sealant will alter the appearance of the patina, giving it a slightly "wet" look.
- Before applying the sealant to the entire surface, test it in a small, inconspicuous area.
- Note that the sealant will need to be reapplied annually.

WHEN TO CONCRETE AROUND THE ANCHORS AND FIXING RODS

For installations in sandy, soft, or shifting ground conditions, consider setting the foot-stabilizing parts of the fixing spikes and bracing stakes into concrete for added support.

The firmness of the ground when hammering in the spikes is the best indicator of whether concrete is necessary. The spikes should firmly embed and feel rigid. While the 240 mm Raised Garden Beds generally do not experience significant outward force, concrete may be beneficial for installations where the edge serves as a step.

This can provide additional stability and support.

POSITIONING THE EDGE

Our Raised Garden Beds feature a front-facing side with discreet joint seams, designed to be showcased without the need for burying. The back side is intended for garden fill, concealing all joints and bracing systems.

Please note that garden beds may settle over time, potentially requiring additional fill to maintain the original height. This practice can also contribute to the product's lifespan by promoting consistent patina formation.

HOW DEEP TO BURY THE EDGE

Unlike traditional steel panels, our Raised Garden Beds do not require burying. The innovative lockdown foot feature eliminates the need for this practice, providing the same benefits with less steel.

While not strictly necessary, some customers may choose to partially bury the edge to increase its height or create a slight elevation above the surrounding area. This option allows for greater customization and flexibility in garden design.

WHY TEK SCREWS?

You can finish a whole installation without needing a drill. But if you choose to use ground anchor posts to brace your edge, we recommend using Tek screws. These screws are self-tapping, making installation quick and easy.

For all buried screw locations in these products, we suggest using the durable, grey Dacromet Tek screws.

ADVANTAGES

- ✓ Continuous smooth top square or rounded edges
- ✓ Corners available or easily made in situ
- ✓ Unique rounded corner with box top finish
- ✓ Up to 3x faster installation
- ✓ No welding required
- ✓ No Experience/training needed
- ✓ Designed for ease of use

240mm

Straightcurve® Flex Raised Garden Bed - 240mm

FL240WS WEATHERING STEEL | FL240GS GALVANISED STEEL

2025
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Product features

The details that make the difference

Wedge and slider join system for a faster, stronger no weld method



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



Movable fixing spikes for easy obstacle avoidance



240 mm long lasting galvanised steel rod for strong and flexible bracing



Smaller notches on top and feet for even smoother and better curves



19 mm rounded tops for child and pet safety



EDGE STYLE



FINISHES

-  Galvanised Steel
-  Weathering Steel

For smoothly curving Raised Garden Beds that look great and hold position over time.

Product specifications

TECHNICAL SPECIFICATIONS

Length (Installed)	2200 mm
Top edge thickness	19 mm
Steel plate thickness	2.0 mm
Weight per length	11.5 kg

SINGLE SET INCLUDED

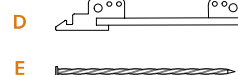
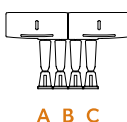
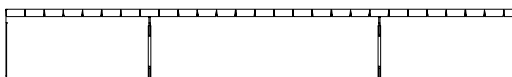
Join set	1 piece (1x Join Bracket and 2 x Slider + Wedge)
Bracing rod	2 rods of 240 mm
Fixing spike	5 pieces of 300 mm



240mm

BOX SET INCLUDING

- 2 x 1800 mm length (3.6 m)
- 1 x Join set (2x Join Bracket (A) and Slider (C) + Wedge (B), 4 each)
- 4 x Bracing rod with fixing lips, galvanised, 240 mm long (D)
- 8 x Fixing spike, galvanised, 300 mm long (E)



FILLER PACKS

Short set 800 mm

- 2 x 800 mm length (1.6 m)
- 1 x Join set (2x Join Bracket and Slider + Wedge, 4 each)
- 2 x Bracing rod with fixing lips, galvanised, 240 mm long
- 4 x Fixing spike, galvanised, 300 mm long

Filler pack 400 mm

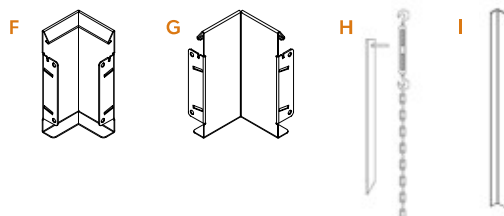
- 2 x 400 mm length
- 1 x Join set (2x Join Bracket and Slider + Wedge, 4 each)

Filler pack 200 mm

- 2 x 200 mm length
- 1 x Join set (2x Join Bracket and Slider + Wedge, 4 each)

ADDITIONAL ACCESSORIES

- F** Corner set (90° right angle / arm lengths: 100 mm)
- G** Reverse corner set (270° L-shape / arm lengths: 100 mm)
- H** Universal bracing set, use 2 per length (turnbuckle/chain/T-stake)
- I** Ground anchor post 470 mm, alternatively 2 per length (Tek screws required)



Flex Raised Garden Bed Panel - 240mm Installation Guide

Scan to watch the installation video
[Link](#)



RECOMMENDED TOOLS

- Ground leveling tools
- Metal hammer
- Rubber mallet
- Angle grinder (required if modifying lengths or fashioning corners/ends)

PREPARATIONS

The Flex Raised Garden Bed requires NO digging in as its feet are secured to the ground surface. The base should be smoothed/ leveled for the edge to sit flush on the ground 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). For smooth connecting, use the cardboard under joins when connecting with the panel face down on flat ground. Grass and debris likes to get caught in the tight seam!

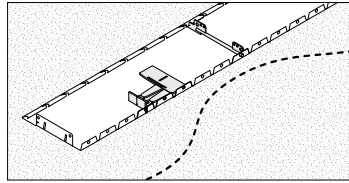
Note: This edge allows gentle sloping. Corners can be made or purchased as accessories. Length excess is cut away with angle grinder tool.

DO...

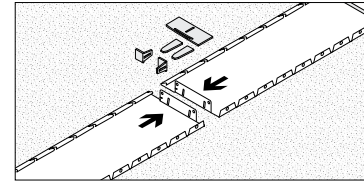
- ✓ Join all lengths in place and perfect the line before finally fixing in position
- ✓ Use the rubber mallet (not metal hammer) when hammering top edge
- ✓ Start from corner if using a pre-made one
- ✓ Score an intermittent line rather than one deep score line if making corners.
- ✓ Follow the instructions carefully and do it with a friend If making a two panel ring
- ✓ For circular beds backfill evenly for equal outward pressure

DON'T...

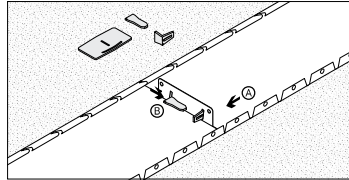
- ✗ Use for straight lines, instead use Rigid or Zero-Flex options
- ✗ Forcibly bend. Take care and gently flex the edge to shape
- ✗ Accelerate rust with acids or salts (but soapy water is ok!)
- ✗ Leave a square top corner unsafely protruding at an end, cap or round it off with a grinder instead



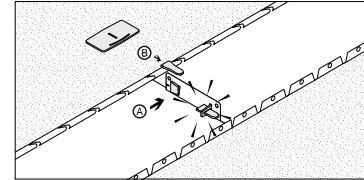
STEP 1 - Mark edge line on ground and layout edge pieces nearby.



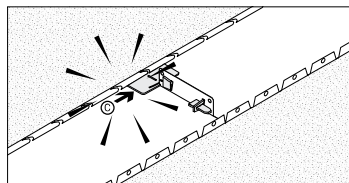
STEP 2 - Place first two edges front face down on the ground with ends touching and with join slots aligned.



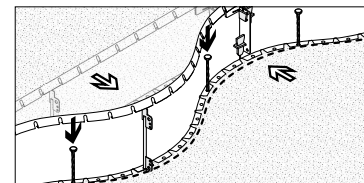
STEP 3 - Join using the joining set, first break the pieces apart by hand. Insert the L-shaped slider (A) through adjacent bottom slot.



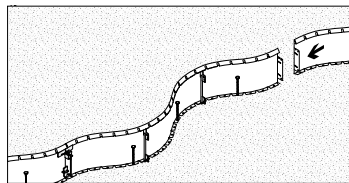
STEP 4 - Hammer the wedge (B) in firmly and repeat step 3 for the top slot.



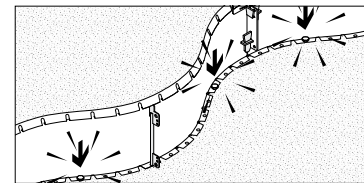
STEP 5 - Slide the joining plate (C) under the folded top with the bottom of the plate in the slot on the flanges. Use a hammer to hammer it into position.



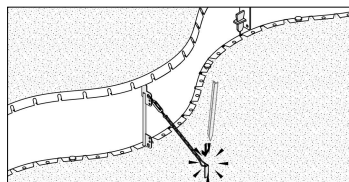
STEP 6 - Set these two edges upright and flex to position where desired, use fixing spikes as temporary placeholders.



STEP 7 - Introduce further lengths against the now standing edge, connecting them as you go.

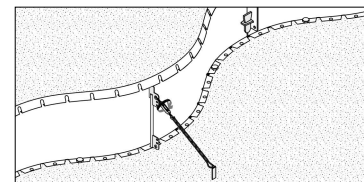


STEP 8 - Check the line, then hammer all fixing spikes through foot tab holes.

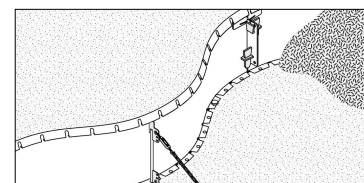


STEP 9 - Now attach the turnbuckle of the Universal Bracing Set to the top bracing lip. Use the maximum length of the chain where possible, if shorter a minimum 45 degree angle is required. Then hammer the T shaped stake to secure the panel.

Bracing set sold separately

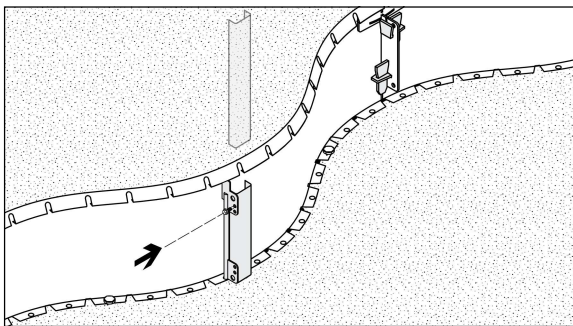


STEP 10 - Use the turnbuckle for fine adjustments.

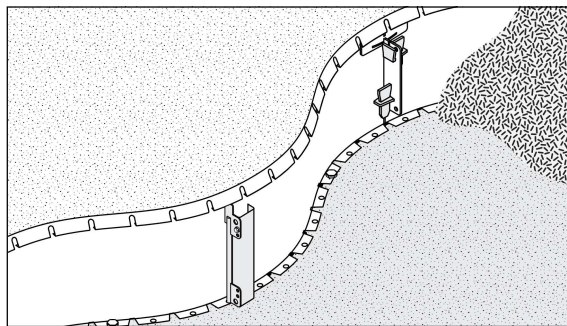


STEP 11 - Backfill to finish.

Alternative bracing method



A - Stake by hammering the 470 mm ground anchor post in tightly adjacent a bracing rod and close against the bottom foot. Fix by screwing tek screws through the guide holes.



B - Backfill to finish.

Creating corners

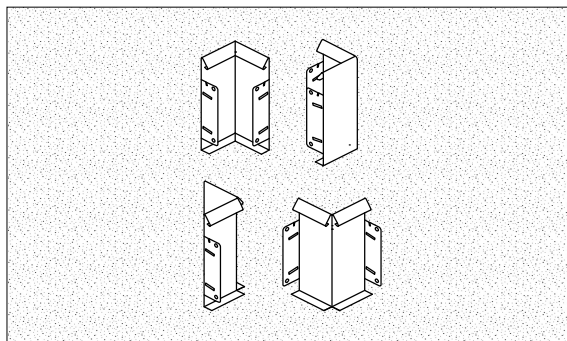
PRE-MADE CORNERS

You can buy pre-made corners with 100mm long arms. These come with a standard joining set.

There are two types:

- A standard 90-degree right-angle corner
- A reverse corner for external corners, like when making an L-shape

It's not easy, but you can adjust the angle of these pre-made corners by using a lot of force, like with ratchet straps.

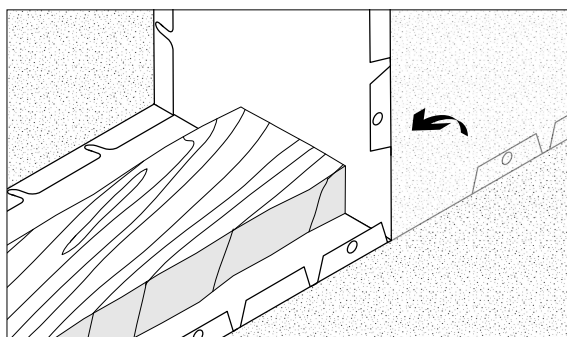
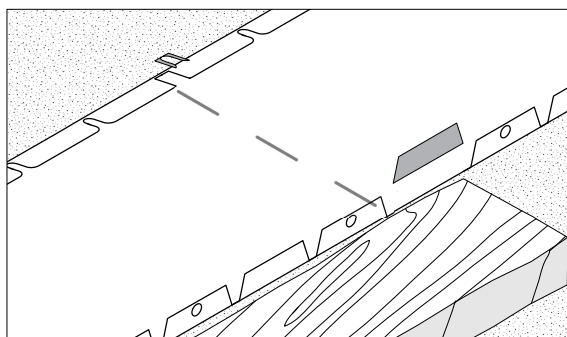


MAKING YOUR OWN CORNERS

To make a corner yourself you will need to use an angle grinder. Be sure to operate safely with all suitable gear.

1. Mark a vertical line down the back of the edge directly beneath a top edge notch space where the corner fold is needed. With the angle grinder score the line in three places sufficiently to create a fold line.
2. Cut 5-7 mm of the folded lip at the top, and remove a 90 degree piece of the foot tab in line with the bend.
3. Bend in the corner by hand and finish shaping with a rubber mallet. Placing a block of wood close to the fold improves the result.

For reverse corners (~270°) a fold line will need to be cut in as above. Also raise the height of the notch groove to the top of the lip neatly to aid the bend. No other cuts are required.



Creating circles

CIRCLES & CURVE CAPABILITIES

Connecting edge panels makes standard ring sizes. Design for complete edge lengths of 2 or more to give the desired diameter. Here's our standard sizes.

Standard Circle diameters

No. of panels*:	2	3	4	5
Diameter 1800 mm panels:	1.15m	1.72m	2.29m	2.86m
Diameter 2200 mm panels:	1.40m	2.10m	2.80m	3.50m

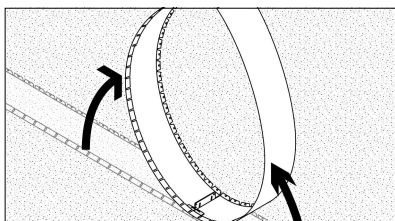
**Filler panels can give you more flexibility towards your desired diameter. Pre-curved circles are available.*

In terms of curve capabilities, the 240mm Flex Raised Garden Bed Panel has a minimum radius achievable of around 35cm. It is designed to allow this degree of flex and no more. This is also why you cannot make a ring with one panel. If the Raised Garden Bed face makes a concave curve the back of the join flanges can gap slightly. To counter this, use Tek screws in the back edge of the join flange, before creating the concave curve, for extra rigidity.

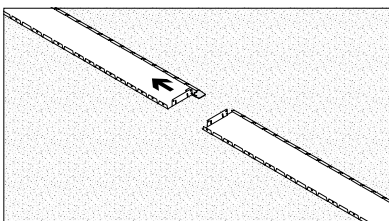
240mm

HOW TO MAKE A TIGHT CIRCLE (D:1146MM) WITH TWO EDGE PANELS.

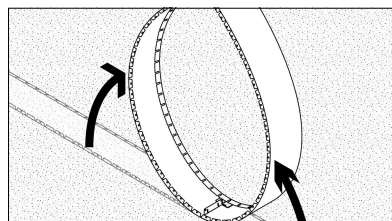
Requires a ratchet strap. This is easily done by one persons but is more fun with a friend.



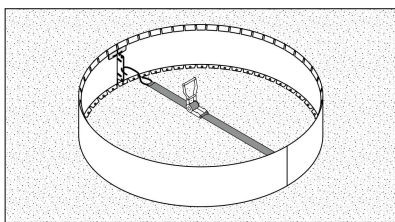
STEP 1 - Connect two panels with joining set, then pull ends in while slowly flexing to meet in a teardrop shape.



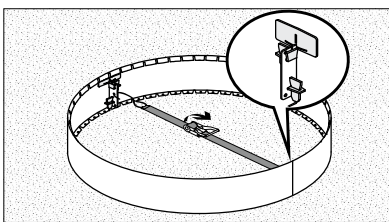
STEP 2 - After flexing disconnect lengths.



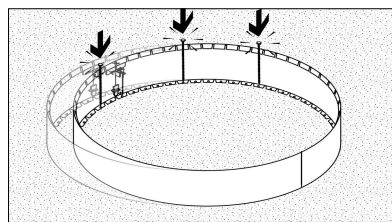
STEP 3 - Connect the lengths on the other side and repeat step 1.



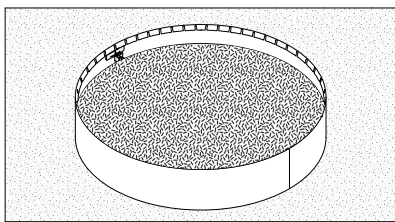
STEP 4 - Place your panels on the ground, bring the flanges together and connect a ratchet strap through the holes in the middle of the flange and tighten the circle.



STEP 5 - Once fully tightened, hammer in the wedge and slider and hammer the joining plate in place.



STEP 6 - Remove the ratchet strap and correct to desired ring shape, measuring diameter and pin the feet to hold as you go.



STEP 7 - That done, fill evenly, there is no need for bracing this self supporting circle.

Note: For three or more panels, two people can simply pull into shape and connect, without the need for ratchet approach

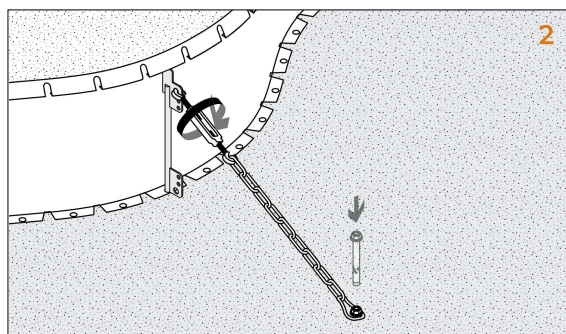
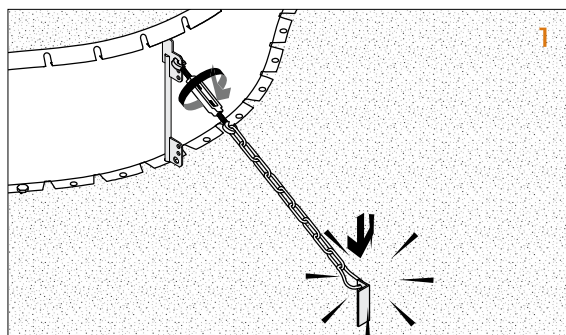
Alternative situations

BRACING ON VARIOUS HARD SURFACES

The 470 mm ground anchor posts will not be strong enough to penetrate some surfaces. In these situations use the Universal Bracing Sets by fitting the turnbuckle with chain to the bracing rod and anchoring 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™. Bolt the foot tab holes in place with an 8mm DynaBolt™, 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.

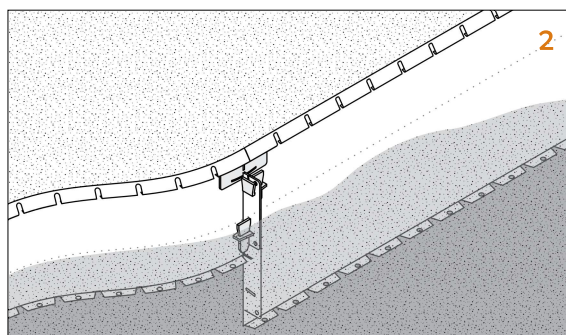
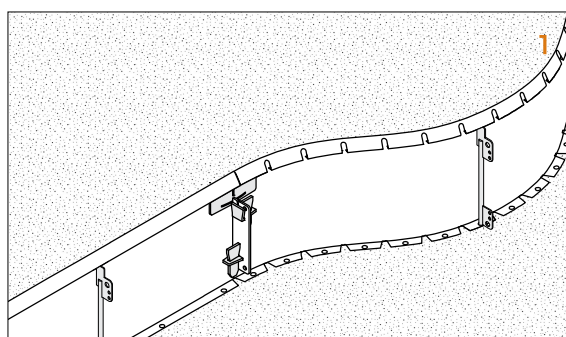


240mm

COMPATIBILITY AND WORKING ON SLOPES

1. The 240 mm Flex Raised Garden Bed Panel is compatible with the 240 mm Rigid Raised Garden Bed Panels. This allows them to work in combination.
2. The 240 mm Flex Raised Garden Bed Panel join slots align across all Flex and Rigid panels (240/400/560 mm) so that a continuous top edge occurs if different heights are joined together. This across height compatibility can be used to advantage with Raised Garden Beds on a slope. On the lower part of the slope the Raised Garden Bed run may need taller panels with a greater edge face visible due to the slope falling away, with panels of lesser height required further up the bank. It takes some careful planning, but can look very effective, adding volume and height to a bed while reducing the amount of steel used in the project overall.

Note: Zero-Flex panels can be aligned with alteration of the joining tab.



Straightcurve® Rigid Raised Garden Bed - 240mm

RL240WS WEATHERING STEEL | RL240GS GALVANISED STEEL

2025
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Product features

The details that make the difference

240mm

Wedge and slider join system for a faster, stronger no weld method



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



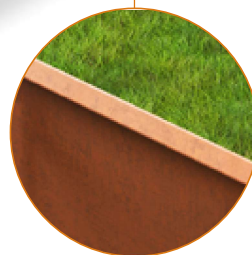
240 mm long lasting galvanised steel rod for strong and flexible bracing



Movable fixing spikes for easy obstacle avoidance





Continuous Fold Top and Foot for rigid straight lines
19 mm rounded tops for child and pet safety



EDGE STYLE

FINISHES

-  Galvanised Steel
-  Weathering Steel

For Raised Garden Beds
with straight edges

Product specifications

TECHNICAL SPECIFICATIONS

Length (Installed)	2200 mm
Top edge thickness	19 mm
Steel plate thickness	2.0 mm
Weight per length	11.9 kg

SINGLE SET INCLUDED

Join set	1 piece (1x Join Bracket and 2 x Slider + Wedge)
Bracing rod	2 rods of 240 mm
Fixing spike	5 pieces of 300 mm

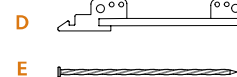
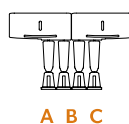


240mm

BOX SET INCLUDING

Long set 1800 mm

- 2 x 1800 mm length (3.6 m)
- 1 x Join set (2x Join Bracket (A) and Slider (C) + Wedge (B), 4 each)
- 4 x Bracing rod with fixing lips, galvanised, 240 mm long (D)
- 8 x Fixing spike, galvanised, 300 mm long (E)



FILLER PACKS

Short set 800 mm

- 2 x 800 mm length (1.6 m)
- 1 x Join set (2x Join Bracket and Slider + Wedge, 4 each)
- 2 x Bracing rod with fixing lips, galvanised, 240 mm long
- 4 x Fixing spike, galvanised, 300 mm long

Filler pack 400 mm

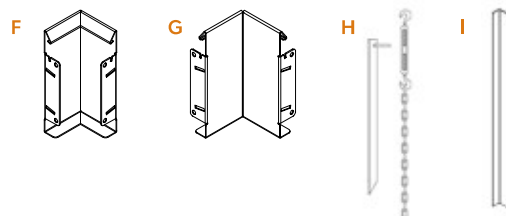
- 2 x 400 mm length
- 1 x Join set (2x Join Bracket and Slider + Wedge, 4 each)

Filler pack 200 mm

- 2 x 200 mm length
- 1 x Join set (2x Join Bracket and Slider + Wedge, 4 each)

ADDITIONAL ACCESSORIES

- F** Corner set (90° right angle / arm lengths: 100 mm)
- G** Reverse corner set (270° L-shape / arm lengths: 100 mm)
- H** Universal bracing set, use 2 per length (turnbuckle/chain/T-stake)
- I** Ground anchor post 470 mm, alternatively 2 per length (Tek screws required)



Rigid Raised Garden Bed Panel - 240mm Installation Guide

Scan to watch the installation video
[Link](#)



RECOMMENDED TOOLS

- Ground leveling tools
- Metal hammer
- Rubber mallet
- Angle grinder (required if modifying lengths or fashioning corners/ends)

PREPARATIONS

The Rigid Raised Garden Bed requires NO digging in as its feet are secured to the ground surface. The base should be smoothed/ leveled for the edge to sit flush on the ground 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). For smooth connecting, use the cardboard under joins when connecting with the panel face down on flat ground. Grass and debris likes to get caught in the tight seam!

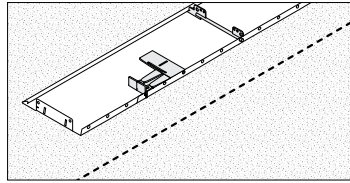
Note: This edge allows gentle sloping. Corners can be made or purchased as accessories. Length excess is cut away with angle grinder tool.

DO...

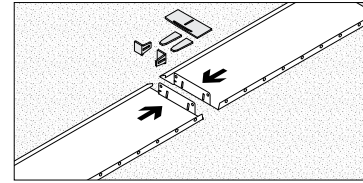
- ✓ Check the line with a string line as you add more panels
- ✓ Start from the corner if using a pre-made one
- ✓ Score an intermittent line rather

DON'T...

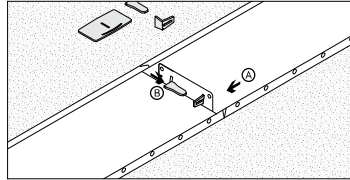
- ✗ Use for curved line designs, instead use Flex Raised Garden Bed
- ✗ Forcibly bend if aiming for a mild curve of a radius exceeding 26m
- ✗ Accelerate rust with acids or salts (but soapy water is ok!)
- ✗ Leave a square top corner unsafely protruding at an end, cap or round it off with a grinder instead



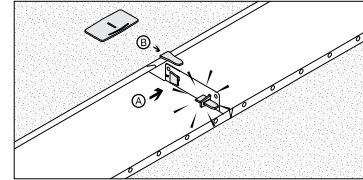
STEP 1 - Mark edge line on ground and layout edge pieces nearby.



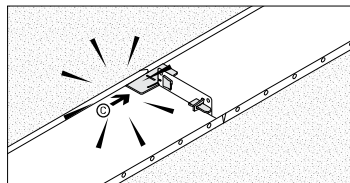
STEP 2 - Place first two edges front face down on the ground with ends touching and with joint slots aligned.



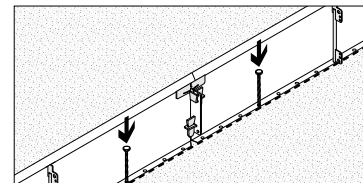
STEP 3 - Join using the joining set, first break the pieces apart by hand. Insert the L-shaped slider (A) through adjacent bottom slot.



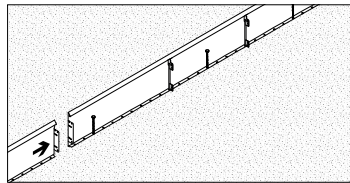
STEP 4 - Hammer the wedge (B) in firmly and repeat step 3 for the top slot.



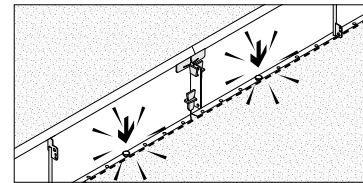
STEP 5 - Slide the joining plate (C) under the folded top with the bottom of the plate in the slot on the flanges. Use a hammer to hammer it into position.



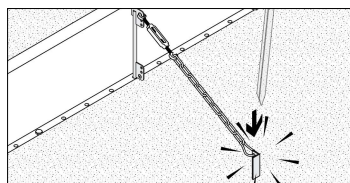
STEP 6 - Set these two edges upright and position where desired, use fixing spikes as temporary placeholders.



STEP 7 - Introduce further lengths against the now standing edge, connecting them as you go.

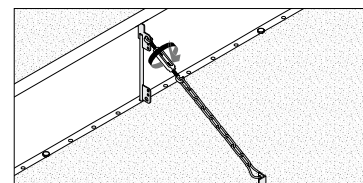


STEP 8 - Check the line, then hammer all fixing spikes through foot tab holes.

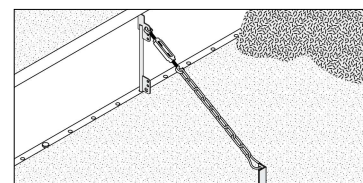


STEP 9 - Now attach the turnbuckle of the Universal Bracing Set to the top bracing lip. Use the maximum length of the chain where possible, if shorter a minimum 45 degree angle is required. Then hammer the T shaped stake to secure the panel.

Bracing set sold separately

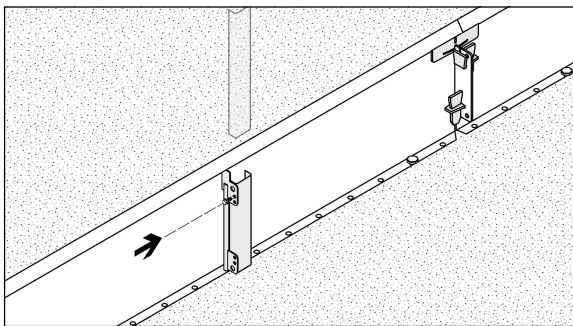


STEP 10 - Use the turnbuckle for fine adjustments.

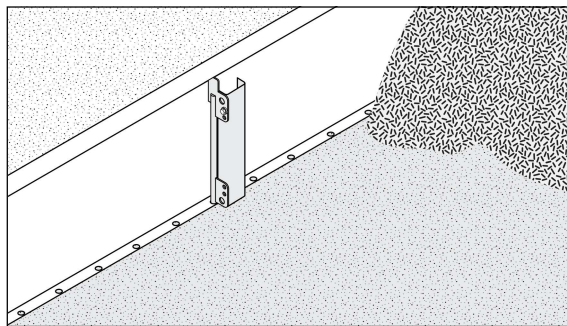


STEP 11 - Backfill to finish.

Alternative bracing method



A - Stake by hammering the 470mm ground anchor post in tightly adjacent a bracing rod and close against the bottom foot. Fix by screwing tek screws through the guide holes.



B - Backfill to finish.

Creating corners

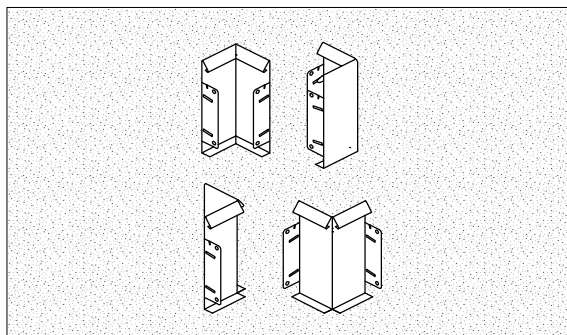
PRE-MADE CORNERS

You can buy pre-made corners with 100mm long arms. These come with a standard joining set.

There are two types:

- A standard 90-degree right-angle corner
- A reverse corner for external corners, like when making an L-shape

It's not easy, but you can adjust the angle of these pre-made corners by using a lot of force, like with ratchet straps.

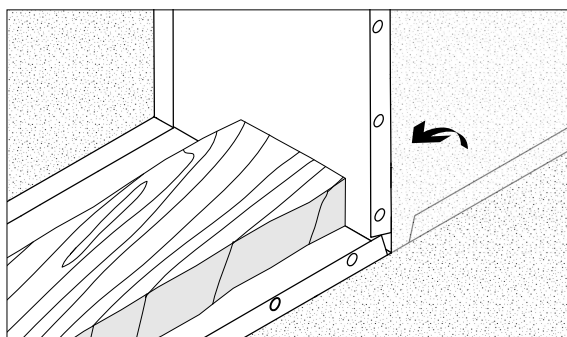
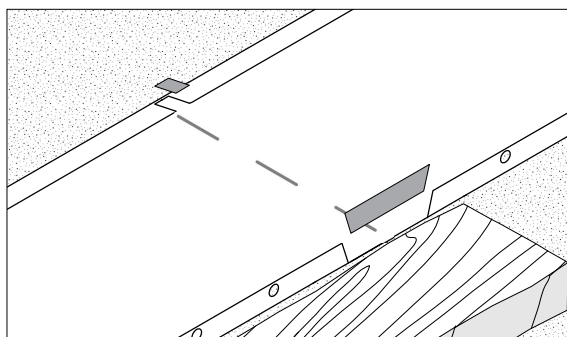


MAKING YOUR OWN CORNERS

To make a corner yourself you will need to use an angle grinder. Be sure to operate safely with all suitable gear.

1. Mark a vertical line down the back of the edge directly beneath a top edge notch space where the corner fold is needed. With the angle grinder score the line in three places sufficiently to create a fold line.
2. Cut 5-7 mm of the folded lip at the top, and remove a 90 degree piece of the foot tab in line with the bend.
3. Bend in the corner by hand and finish shaping with a rubber mallet. Placing a block of wood close to the fold improves the result.

For reverse corners (~270°) a fold line will need to be cut in as above. Also raise the height of the notch groove to the top of the lip neatly to aid the bend. No other cuts are required.



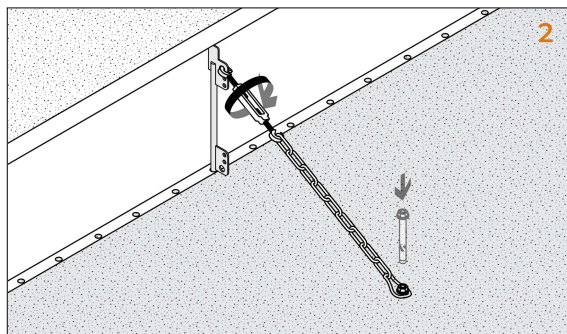
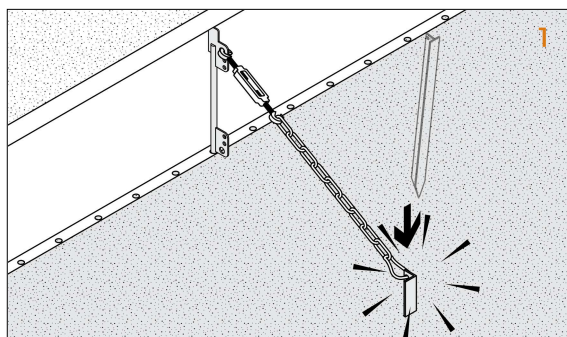
Alternative situations

BRACING ON VARIOUS HARD SURFACES

The 470 mm ground anchor posts will not be strong enough to penetrate some surfaces. In these situations use the Universal Bracing Sets by fitting the turnbuckle with chain to the bracing rod and anchoring 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™. Bolt the foot tab holes in place with an 8mm DynaBolt™, 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.



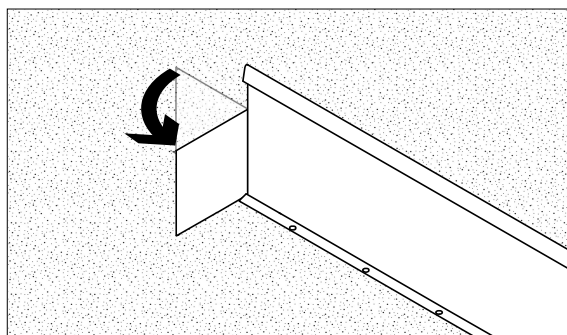
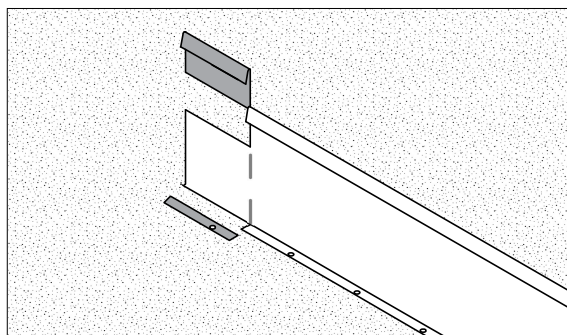
CREATING CONNECTION TABS

Fixing to a Wall or Solid Surface:

- Fold back the flange on the end of the panel.
- Secure it to the surface using bolts or screws.

Shortening and Creating a Join Tab:

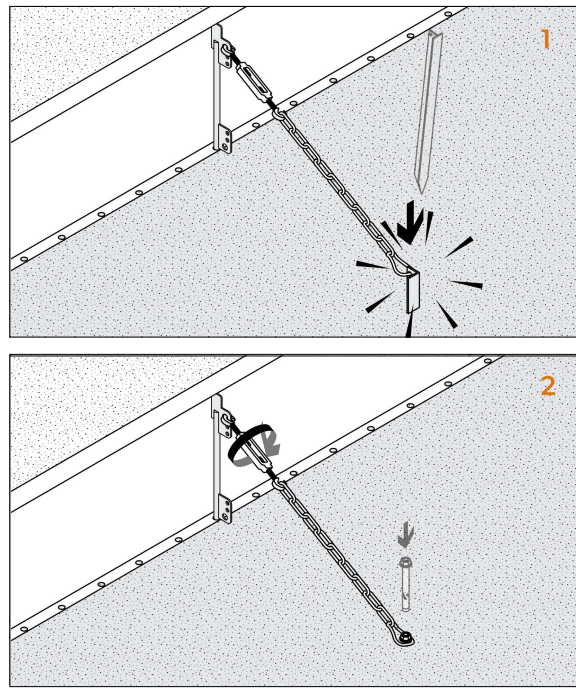
- Measure carefully: determine the desired length.
- Cut with an angle grinder: remove the extra top lip.
- Create the fold-back piece: use the score-and-bend method.
- Secure the tab: screw it internally to the connecting surface.



COMPATIBILITY AND WORKING ON SLOPES

1. The 240 mm Rigid Raised Garden Bed Panel is compatible with the 240 mm Flex Raised Garden Bed Panels. This allows them to work in combination.
2. The 240 mm Rigid Raised Garden Bed Panel join slots align across all Flex and Rigid panels (240/400/560 mm) so that a continuous top edge occurs if different heights are joined together. This across height compatibility can be used to advantage with Raised Garden Beds on a slope. On the lower part of the slope the Raised Garden Bed run may need taller panels with a greater edge face visible due to the slope falling away, with panels of lesser height required further up the bank. It takes some careful planning, but can look very effective, adding volume and height to a bed while reducing the amount of steel used in the project overall.

Note: Zero-Flex panels can be aligned with alteration of the joining tab.



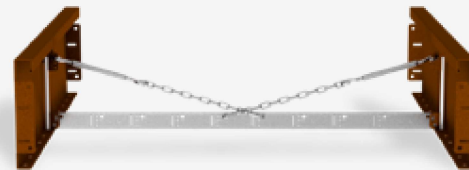
240mm

Creating XL planter box style raised garden beds

For large Raised Garden Beds that look like bespoke planter boxes, simply create custom configurations using multiple Rigid panels and corners.

The Rigid panels can be brace opposing rods using the "Zero-Flex Bracing Set" when sides are 1000 mm or less apart. This internal bracing allows for a free-standing bed. The bracing set fits planter boxes widths up to 1000 mm and is easily snapped to the correct size.

For planter boxes wider than 1000 mm, use multiple bracing sets or the Universal Bracing Set.



*Zero-Flex Bracing Set
also suitable for Rigid
Planter Boxes*



Straightcurve® Zero-Flex Raised Garden Bed - 240mm

ZF240WS WEATHERING STEEL | ZF240GS GALVANISED STEEL

2025
VERSION

Product features

The details that make the difference

240mm

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



240 mm long lasting
galvanised steel rod for
strong and flexible bracing





Angular twice folded top
profile and return foot for
Zero-Flex performance Round
edged square tops for child
and pet safety



Precision engineered join sets for fast,
screwless and no weld connection method

EDGE STYLE

FINISHES

-  Galvanised Steel
-  Weathering Steel

For Raised Garden Beds
with unwaivering straights
and a robust look

Product specifications

TECHNICAL SPECIFICATIONS

Length (Installed)	1800 mm
Top edge thickness	40 mm
Steel plate thickness	2.0 mm
Weight per length	9.7 kg

SINGLE SET INCLUDED

Join bracket	1 piece
Join set	1 piece (Slider + Wedge, 2 each)
Bracing rod	2 rods of 240 mm
Fixing spike	4 pieces of 300 mm

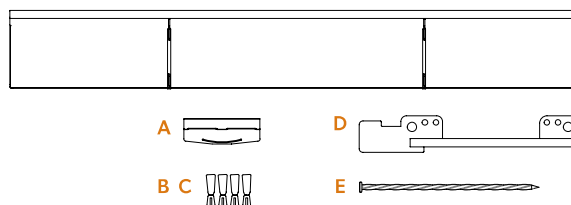


240mm

SOLD AS BOX SET INCLUDING

Long set 1800 mm

- 2 x 1800 mm length (3.6 m)
- 2 x Join bracket (A)
- 1 x Join set (Slider (B) + Wedge (C), 4 each)
- 4 x Bracing rod with fixing lips, galvanised, 240 mm long (D)
- 8 x Fixing spike, galvanised, 300 mm long (E)



FILLER PACKS

Short set 800 mm

- 2 x 800 mm length (1.6 m)
- 2 x Join bracket
- 1 x Join set (Slider + Wedge, 4 each)
- 2 x Bracing rod with fixing lips, galvanised, 240 mm long
- 4 x Fixing spike, galvanised, 300 mm long

Filler pack 400 mm

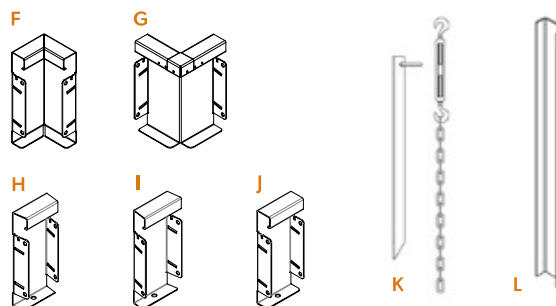
- 2 x 400 mm length
- 1 x Join set (2x Join Bracket and Slider + Wedge, 4 each)

Filler pack 200 mm

- 2 x 200 mm length
- 1 x Join set (2x Join Bracket and Slider + Wedge, 4 each)

ADDITIONAL ACCESSORIES

- F** Corner set (90° right angle / arm lengths: 100 mm)
- G** Reverse corner set (270° L-shape / arm lengths: 100 mm)
- H** Internal insert set (15° internal / length: 100 mm)
- I** External insert set (15° external / length: 100 mm)
- J** Straight insert set (length: 100 mm)
- K** Universal bracing set, use 2 per length (turnbuckle/chain/T-stake)
- L** Ground anchor post 470 mm, alternatively 2 per length (Tek screws required)



Zero-Flex Raised Garden Bed 240mm Installation Guide

Scan to watch the
installation video
[Link](#)



RECOMMENDED TOOLS

- Ground leveling tools
- Metal hammer
- Rubber mallet
- Angle grinder (required if modifying lengths or fashioning corners/ends)

PREPARATIONS

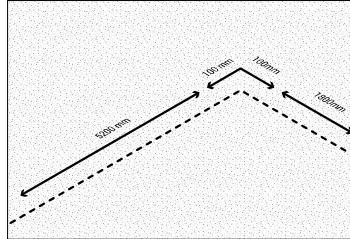
The Zero-Flex Raised Garden Bed requires NO digging in as its feet are secured to the ground surface. The base should be smoothed/ leveled for the edge to sit flush on the ground during installation. Any obstructions should be removed or re-routed. It can be installed on all level ground types including concrete surfaces (where packers are used to sit edge off ground to allow drainage). It is useful to have some cardboard or board to place under joins when connecting with the panel face down on flat ground. Grass and debris likes to get caught in the tight seam!

DO...

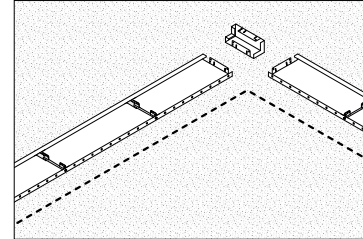
- ✓ Check the line with a string line as you add more panels
- ✓ Start from the corner if using a pre-made one
- ✓ Score an intermittent line rather than one deep score line if making corners
- ✓ Follow the instructions and do it with a friend to make it more enjoyable
- ✓ If installing on a hard surface line the bed to prevent grit spill

DON'T...

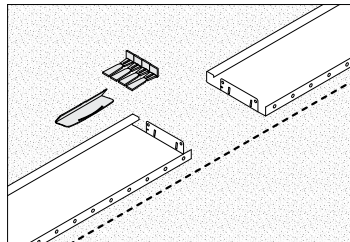
- ✗ Set directly onto a hard surface without raising slightly with packers
- ✗ Forget to use the turnbuckle for finetuning your straight line
- ✗ Accelerate rust with acids or salts (but soapy water is ok!)
- ✗ Forget the safety gloves when working with steel!



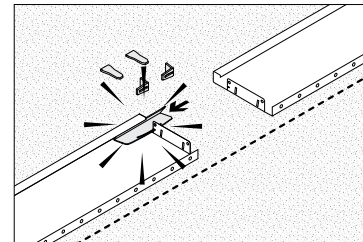
STEP 1 - Sketch out the shape of your Garden Bed including dimensions of all sides. Define the lengths and corners you need.



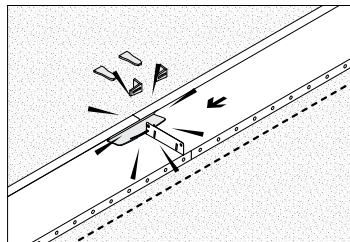
STEP 2 - Mark edge lines on ground and layout edge pieces nearby.



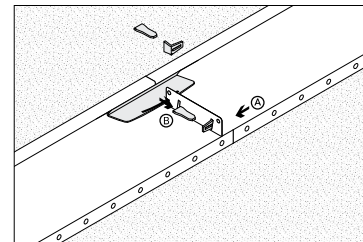
STEP 3 - Place first two edges front face down on the ground with a gap and the join slots aligned.



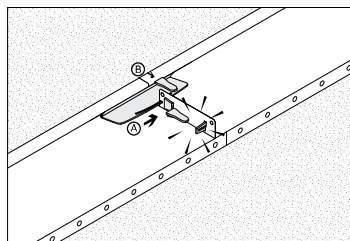
STEP 4 - Join using the joining set, first break the pieces apart by hand. Slide the joining plate under the folded top with the bottom of the plate in the slot on the flange. Use a hammer to hammer it into position.



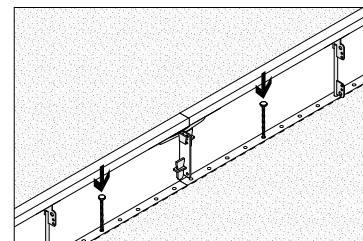
STEP 5 - Slide the other edge over the joining plate. Use a hammer to hammer it into position.



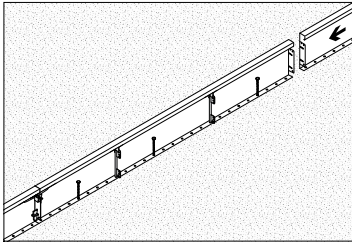
STEP 6 - Insert the L-shaped slider (A) through adjacent bottom slot.



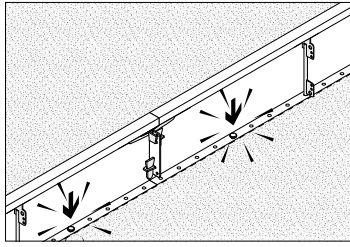
STEP 7 - Hammer the wedge (B) in firmly and repeat step 6 for the other slot.



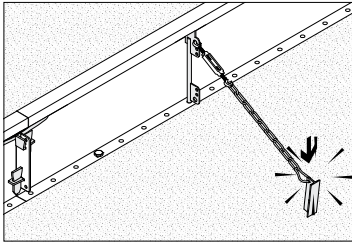
STEP 8 - Set these two edges upright and position where desired, use fixing spikes as temporary placeholders.



STEP 9 - Introduce further lengths against the now standing edge, connecting them as you go.

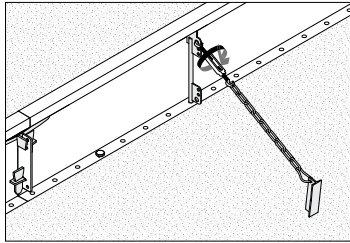


STEP 10 - Check the line, then hammer all fixing spikes through foot tab holes.

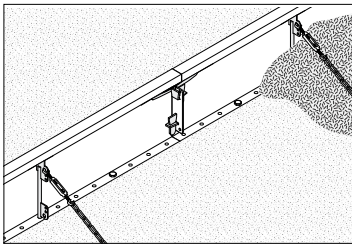


STEP 11 - Now attach the turnbuckle of the Universal Bracing Set to the top bracing lip. Use the maximum length of the chain where possible, if shorter a minimum 45 degree angle is required. Then hammer the T shaped stake to secure the panel.

Bracing set sold separately

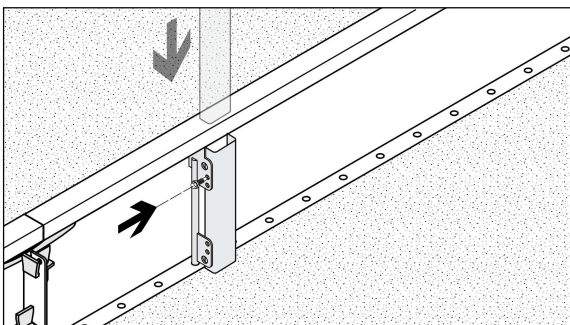


STEP 12 - Use the turnbuckle for fine adjustments.

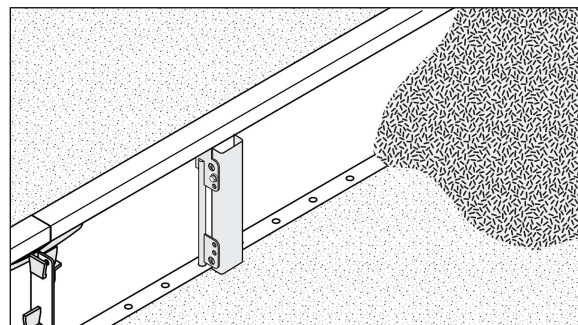


STEP 13 - Backfill to finish.

Alternative bracing method



A - Stake by hammering the 470mm ground anchor post in tightly adjacent a bracing rod and close against the bottom foot. Fix by screwing tek screws through the guide holes.



B - Backfill to finish.

Creating corners

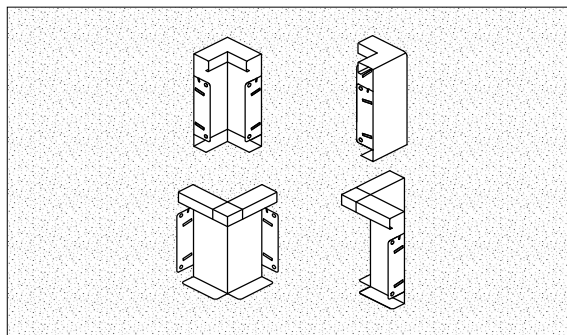
PRE-MADE CORNERS

You can buy pre-made corners with 100mm long arms. These come with a standard joining set.

There are two types:

- A standard 90-degree right-angle corner
- A reverse corner for external corners, like when making an L-shape

It's not easy, but you can adjust the angle of these pre-made corners by using a lot of force, like with ratchet straps.

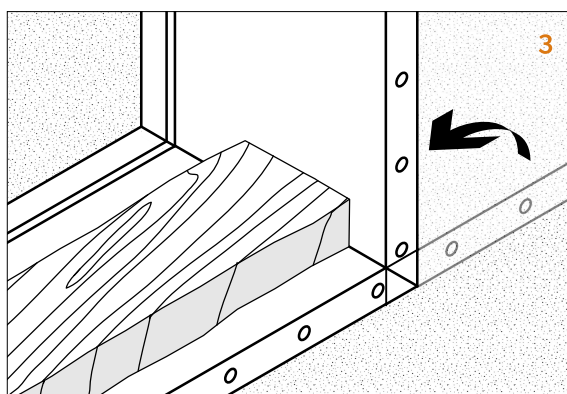
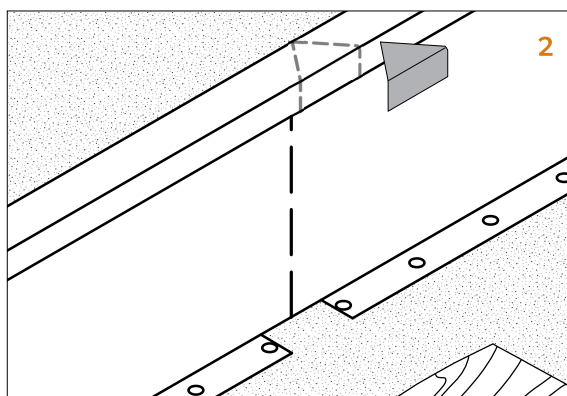
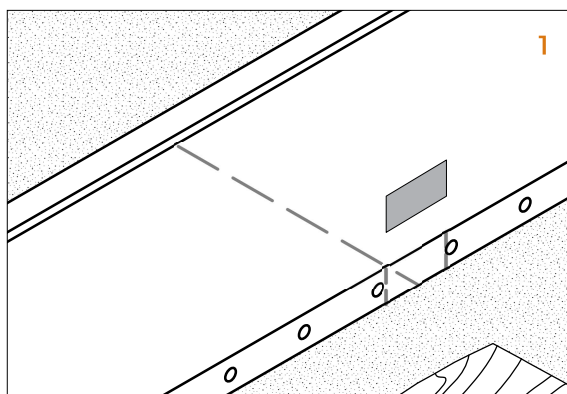


MAKING YOUR OWN CORNERS

To make a corner yourself you will need to use an angle grinder. Be sure to operate safely with all suitable gear.

1. Mark a vertical line down the back of the edge directly beneath a top edge notch space where the corner fold is needed. With the angle grinder score the line in three places sufficiently to create a fold line.
2. Cut 5-7 mm of the folded lip at the top, and remove a 90 degree piece of the foot tab in line with the bend.
3. Bend in the corner by hand and finish shaping with a rubber mallet. Placing a block of wood close to the fold improves the result.

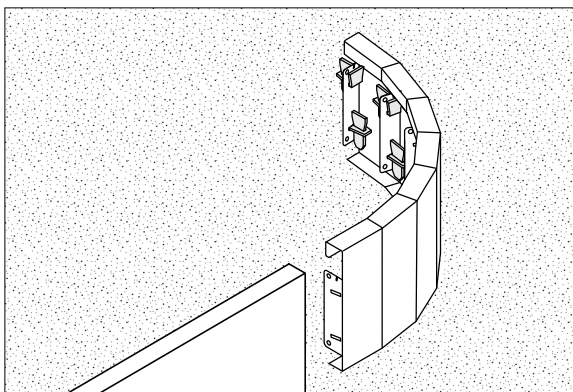
For reverse corners (~270°), use an angle grinder to score a line down the back of the edge. Cut a groove in the top of the folded lip and in the foot so it can bend. Making a reverse corner means you'll have a gap in the corner. We sell pre-made corners for a complete look.



Feature pieces

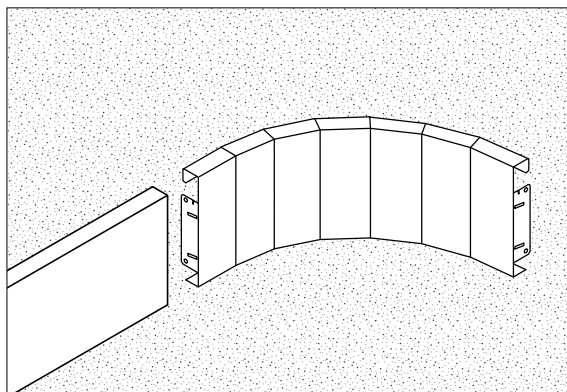
NEW
PRODUCT

Create a flowing rounded corner with the internal, straight or external feature pieces. Giving you even more design possibilities and giving your planter or retaining wall a unique look.



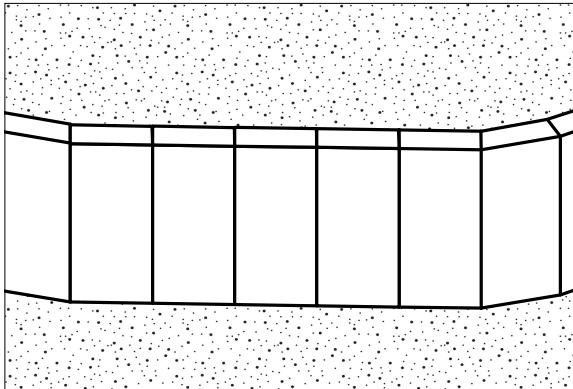
INTERNAL FEATURE SET

100mm piece with 15° angle use 6 pieces for a 90° rounded corner



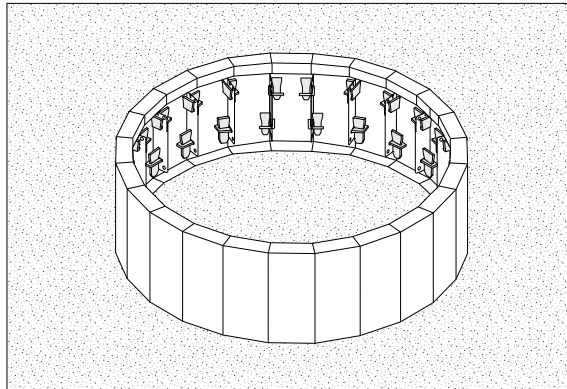
EXTERNAL FEATURE SET

100mm piece with 15° angle use 6 pieces for a 90° rounded corner



STRAIGHT FEATURE SET

100mm piece with no angle use these piece to extend your corner or extend your installation to fit to a solid structure



TREE RING

Create a perfect circle with 24 x internal feature pieces use 12 x internal feature pieces for a half moon

240mm

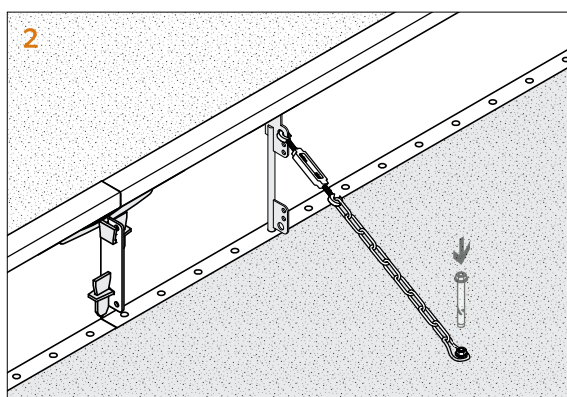
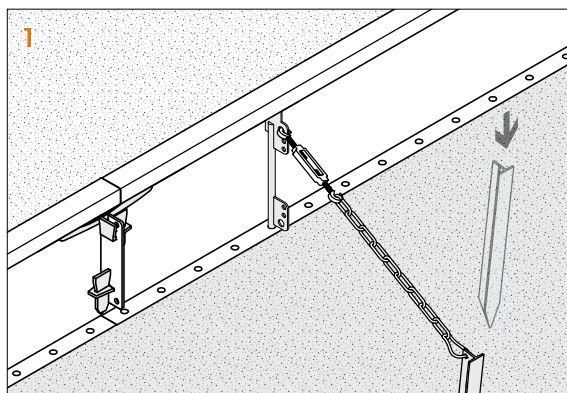
Alternative situations

BRACING ON VARIOUS HARD SURFACES

The 470 mm ground anchor posts will not be strong enough to penetrate some surfaces. In these situations use the Universal Bracing Sets by fitting the turnbuckle with chain to the bracing rod and anchoring back to the ground.

1. Open the turnbuckle completely and mark the bracing strip on the ground. The star picket style stake will penetrate very hard surfaces though the t-shaped hole.
2. On concrete, a bolt down method can be used in place of the stake, anchoring the brace with a DynaBolt™. Fold the bottom of the brace so it will sit flat on the hard surface. Bolt the brace in place with an 8mm DynaBolt™, leave the fixing rods a little long to raise the edge slightly for drainage.

TIP : When bracing, securing the anchor point to alternative structures such as walls or fences is also a workable solution.



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.

Front step face method:

1. Create a front step face and side returns.
2. Use the desired length, attach pre-made corners for the end.
3. Use bracing to secure your step

Rectangle box method:

1. Build complete rectangular boxes.
2. Fill and stack them as you ascend the slope.

Possible reinforcement:

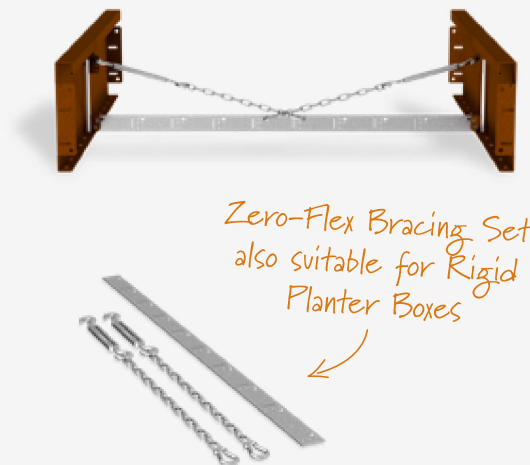
Surround the anchors with concrete for added strength.

Creating XL planter box style raised garden beds

For large Raised Garden Beds that look like bespoke planter boxes, simply create custom configurations using multiple Zero-Flex panels and corners.

The Zero-Flex panels can be brace opposing rods using the "Zero-Flex Bracing Set" when sides are 1000 mm or less apart. This internal bracing allows for a free-standing bed. The bracing set fits planter boxes widths up to 1000 mm and is easily snapped to the correct size.

For planter boxes wider than 1000 mm, use multiple bracing sets or the Universal Bracing Set.



Straightcurve® Pre-Curved Ring - 240mm

PR240WS WEATHERING STEEL | PR240GS GALVANISED STEEL

NEW
PRODUCT

Product features

The details that make the difference

Wedge and slider join system for a faster, stronger no weld method



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



4 mm rounded tops for child and pet safety



Precision engineered pre-made curve



EDGE STYLE



FINISHES



Galvanised Steel



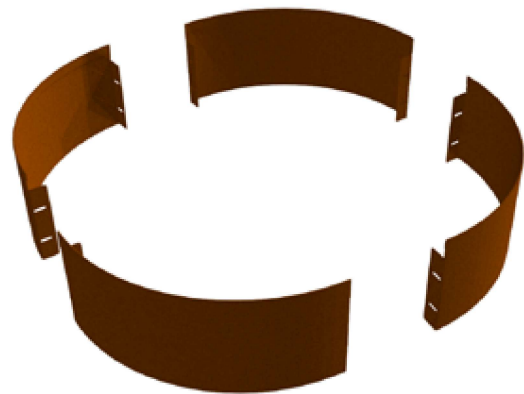
Weathering Steel

Perfect for raised feature planting
and circular herb gardens!

Product specifications

TECHNICAL SPECIFICATIONS

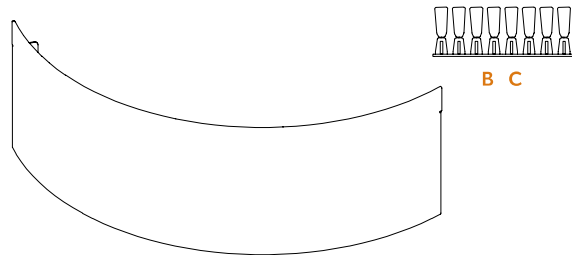
Diameter (Installed)	800 mm
Top edge thickness	4 mm
Steel plate thickness	2 mm
Pre-made curve	90° angle
Weight per length	3.3 kg



240mm

SOLD AS BOX SET INCLUDING

- 4 x 630 mm length with 90° arch (800 mm diameter)
- 1 x Join set (Slider (B) + Wedge (C), 8 each)



Pre-Curved Ring - 240mm Installation Guide

Scan to watch the
installation video
[Link](#)



RECOMMENDED TOOLS

- Ground leveling tools
- Metal hammer
- Rubber mallet

PREPARATIONS

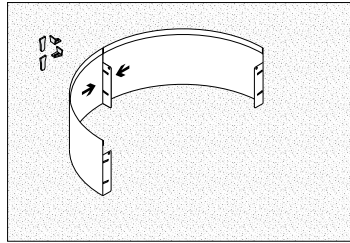
The Pre-Curved Ring requires NO digging in as the circle is self supporting. The base should be smoothed/leveled for the edge to sit flush on the ground during installation. Any obstructions should be removed or re-routed. It can be installed on all level ground types including concrete surfaces (where packers are used to sit edge off ground to allow drainage). For smooth connecting, use the cardboard under joins when connecting with the panel face down on flat ground. Grass and debris likes to get caught in the tight seam!

DO...

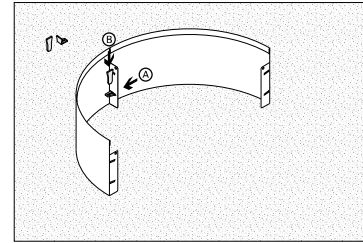
- ✓ Level the ground before starting
- ✓ Follow the instructions carefully and do it with a friend to make it easier
- ✓ Join all pieces in desired place for easy installation
- ✓ Backfill evenly for equal outward pressure

DON'T...

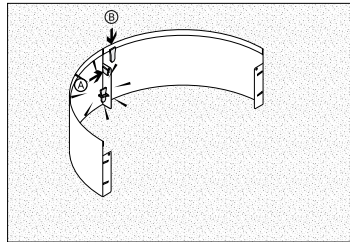
- ✗ Use for anything other than a circle. Use Flex, Rigid or Zero-Flex options for other situations
- ✗ Forcibly bend. The pieces are pre-bend to form a perfect circle
- ✗ Accelerate rust with acids or salts (but soapy water is ok!)



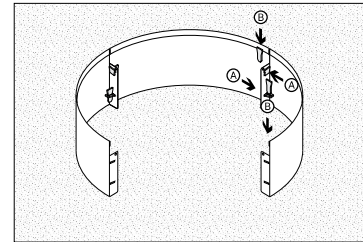
STEP 1 - Place the first two edges in an upright position with the ends touching and with join slots aligned.



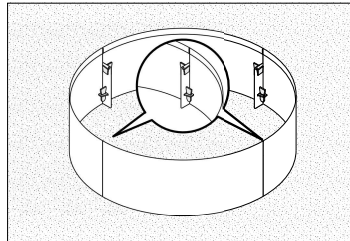
STEP 2 - Insert the L-shaped slider (A) through adjacent bottom slot.



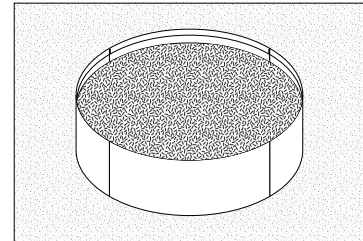
STEP 3 - Hammer the wedge (B) in firmly and repeat step 2 for the other slot.



STEP 4 - Attach the next piece and repeat step 2 and 3.



STEP 5 - Complete the circle by adjoining the fourth piece by repeating step 2 and 3 on either side



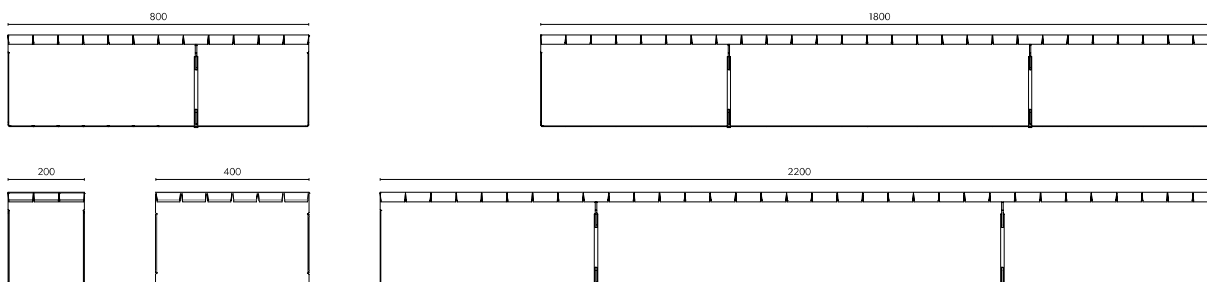
STEP 6 - Backfill to finish

Technical Drawings

STRAIGHTCURVE® FLEX RAISED GARDEN BED – 240 MM

Thickness: 2mm

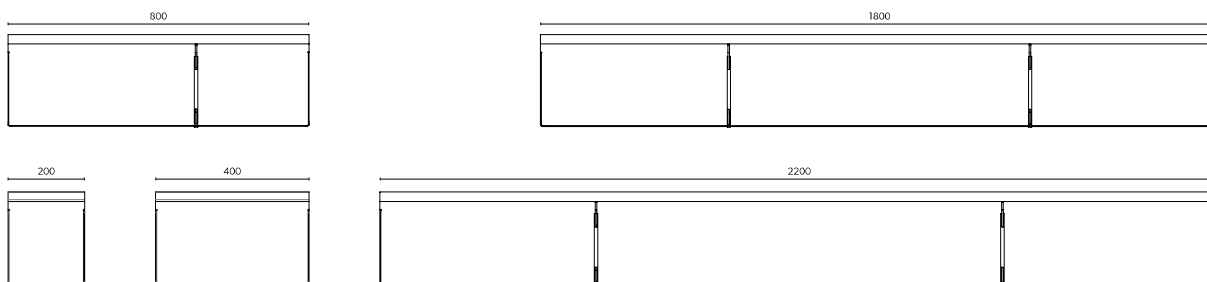
Material: Galvanised, Weathering Steel



STRAIGHTCURVE® RIGID RAISED GARDEN BED – 240 MM

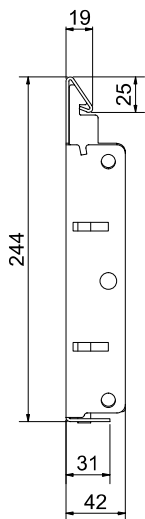
Thickness: 2mm

Material: Galvanised, Weathering Steel

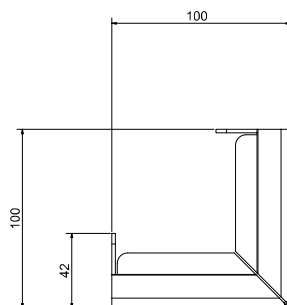


UNIVERSAL SPECIFICATIONS

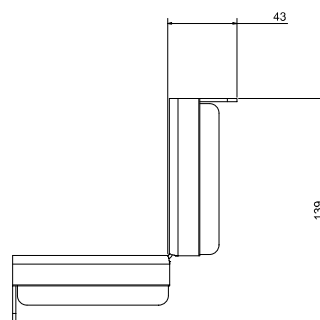
Side Profile/Join Flange



Flex / Rigid Corner Set



Flex Rigid Reverse Corner Set

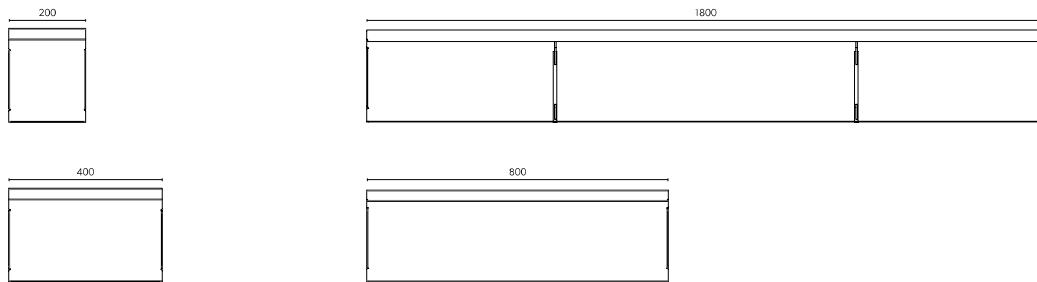




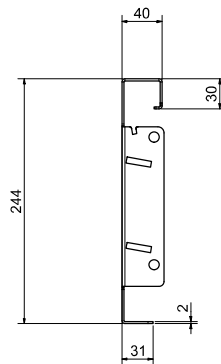
STRAIGHTCURVE® ZERO-FLEX RAISED GARDEN BED – 240 MM

Thickness: 2mm

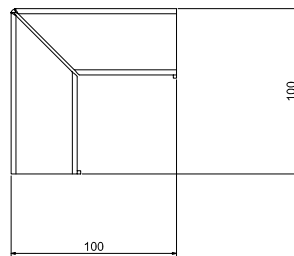
Material: Galvanised, Weathering Steel



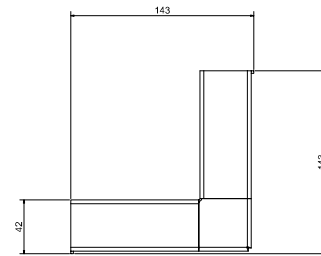
Side profile



Zero-Flex 240 mm
Corner Set



Flex Rigid 240 mm
Reverse Corner Set



240mm

STRAIGHTCURVE® PRE-CURVED RING - 240 MM

Thickness: 2mm

Material: Galvanised, Weathering Steel

