

MODULAR PLANTER KITS LAYERED BOXLINE

BX-SML-SWS (SINGLE NOTCH) WEATHERING STEEL(SC20WS)
BX-SML-DWS (DOUBLE NOTCH) WEATHERING STEEL(SC20WS)
BX-LRG-SWS (SINGLE NOTCH) WEATHERING STEEL(SC20WS)
BX-LRG-DWS (DOUBLE NOTCH) WEATHERING STEEL(SC20WS)
BXS-EXT-WS WEATHERING STEEL(SC20WS)

ALSO AVAILABLE IN GALVANISED STEEL (SC20GS)

SOLD AS SET INCLUDING

(Per corner or extension piece)

- ✓ Connector plate (pre attached) with breakaway joint plate

ACCESSORIES AND REQUIRED FIXINGS (NOT INCLUDED)

See accessories on page 24 for further details.

- ✓ 6 x Tek screws (12G x 16mm) per piece; Or
- ✓ 6 x pop rivets (4mm shaft) per piece
- ✓ Box Bracing Straps (plus 2 x Tek screws to attach a strap)

INSTALLATION INSTRUCTIONS

Each layer is 200mm tall. You can stack as many layers on top of each other as you like. All parts interconnect with one another to form one solid bed.

1. Slot two pieces together, having them face down for easier connection, and align the connector plate guide holes.
2. Fasten with Tek Screws or pop rivets using the pre-drilled holes.
3. Detach the snap off plate and use for the bottom edge join (Fig 1 right). This is only done for the first layer. Further layers attach directly to each other. *NB This plate once attached also provides a foot with holes for securing the bed down.*
4. Slot in and join the other pieces in the same manner to complete first layer.
5. Further layers are then built on top, layers join together using the pre-drilled holes that self align instead of the snap off plate.

USE AS

- ✓ Feature beds of varying heights
- ✓ Retainers (closed shapes give strength)

IDEAL FOR

- ✓ Square/rectangular raised features
- ✓ Hard surfaces, i.e. rooftop gardens/decking
- ✓ Seats, benches or tables (create own top)
- ✓ Hidden fixings & bolt down capabilities

PREPARATIONS

When building the box bed, do so on a flat work surface. Create a level installation base for set up.

IMPORTANT: If you plan to use more than one extender, you need to buy the additional braces that run internally from one side to the other. This prevents the boxes from bulging out.

Tip: When you make a rectangle or square, make two halves first. When completed, combine the two halves.

Pro - tip: For a superior finish at the top, use Phillips truss head screws or pop rivets for the inside top connections that may be visible if looking close.

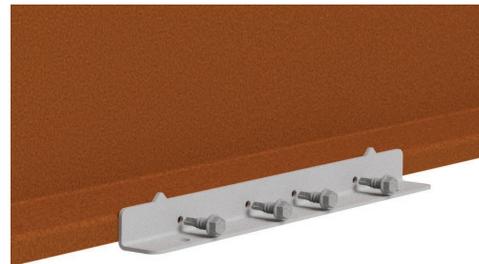
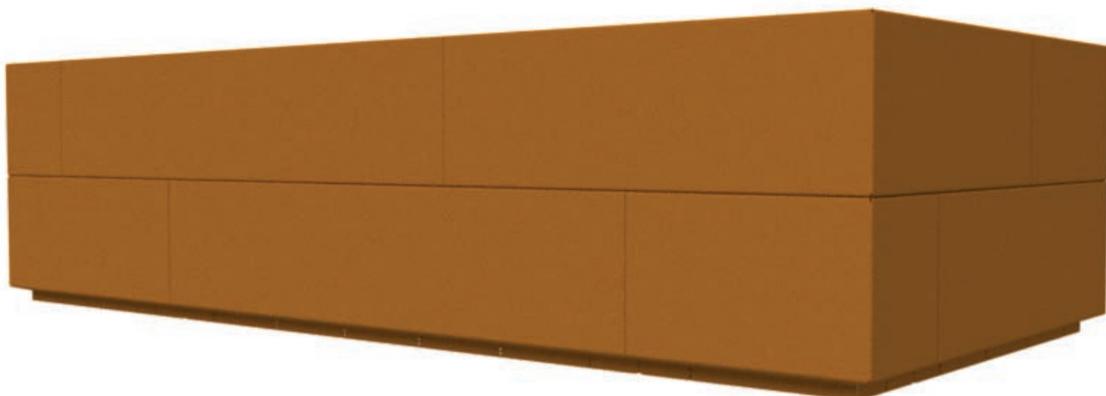


FIG 1 - JOINING AT THE BASE

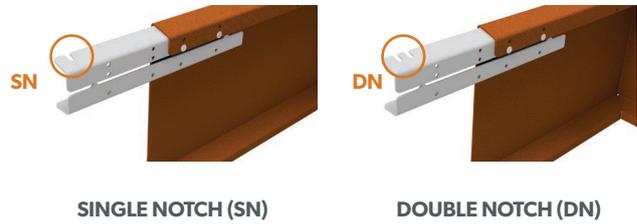


LAYERED BOXLINE SYSTEM

You can make both squares and rectangles using our boxline pieces. Here's what you need to know.

The small and large corners have two marked versions. One with a single notch (SN) and one with a double notch (DN).

Single notch and double notch corners are combined to construct different square or rectangle beds.



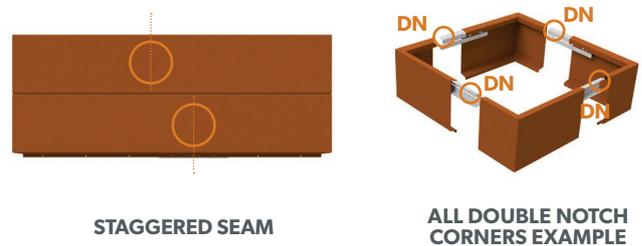
BUILDING A SQUARE

For a square a single layer is made of :

- ✓ ALL Single Notch corners; OR
- ✓ ALL Double Notch corners.

For additional layers (ie taller planters), alternate these with a single notch ONLY layer followed by a double notch ONLY layer and so on. This allows a staggered join seam like shown here.

Refer to the table on pg 23 to select what you need for your desired size planter.



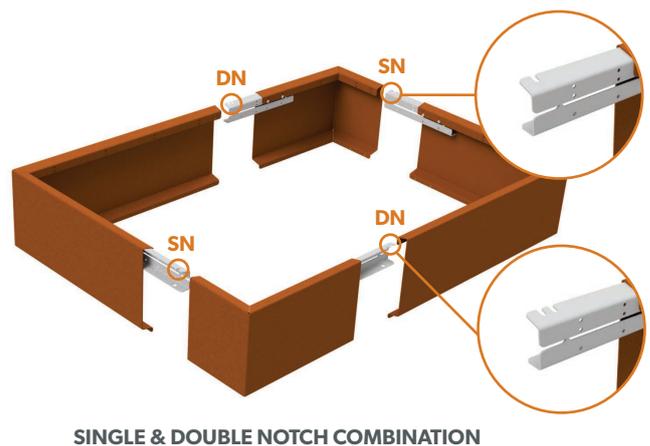
BUILDING A RECTANGLE

For this there are several options.

1. If using 4 large corners OR 4 small corners, select 2 single notch and 2 double notch corners.
2. If using 2 small corners and 2 large corners, select so that if both large corners are single notch then both small corners are double notch OR vice versa.
3. If adding Extension Pieces, simply add to existing square or rectangle configurations.

NB: For A, switching from single to double notch between layers has no benefit (seams align either way), while for B, doing this will create a staggered seam.

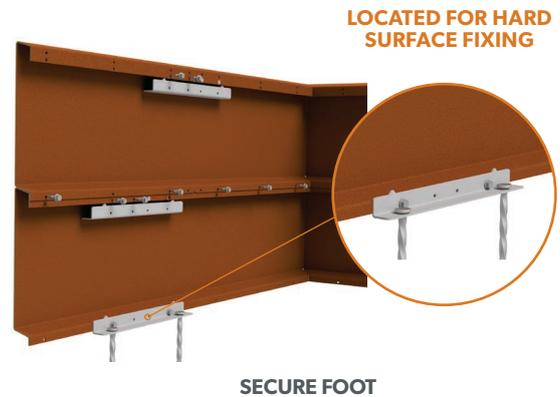
Refer to the table on pg 23 to select what you need for your desired size planter.



LAYERED BOXLINE SYSTEM CONT.

FIXING YOUR PLANTER TO A HARD SURFACE

The bottom connector plate also acts as a securing foot. Secure the planter through the holes in the plate to a hard surface with bolts or twisted nails when required.

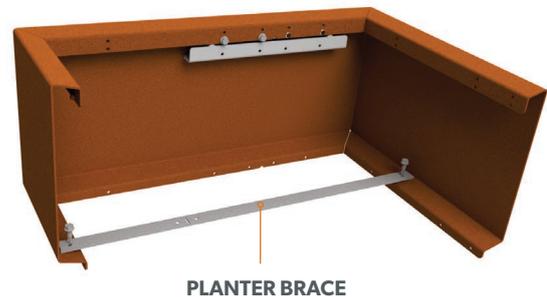


BRACING YOUR PLANTER

For beds with extender pieces bracing is recommended. This prevents the wall leaning out of line in longer beds. The universal bracing strap can be cut down at the marked fold lines to make the size of the span required. The brace is secured by screwing to the edge as shown here at the bottom of the TOP layer of the planter. (right)

Space the braces out, anything from 600-900mm intervals is fine. Placing them close to the joins is ideal.

NB: The brace will cater to a 1250mm wide span. If your planter is wider than that, connect 2 braces to achieve the span required.



LAYERED BOXLINE CONFIGURATIONS

- ✔ The below configurations are for a single layer, the 200mm high layers stack and connect together for building the planters higher.
- ✔ For rectangles, configuration B has two versions (B1 & B2). Alternate between B1 and B2 as you build up layers for a brick pattern with the seams.
- ✔ For squares the brick pattern occurs for all if you alternate between the two configuration codes for each layer.
- ✔ Please note, the 'use' column tells you exactly what's used for a configuration in terms of:
 - a. Small (SML) or large (LRG) corners and how many of each.
 - b. Single notch corners (SN) or double notch corners (DN) for that size
- ✔ The 'Use of Extenders' table shows what can be made by adding one extender set (two extenders) to each configuration.
- ✔ You can choose to add more, such as when creating larger squares. The extender is 900mm long.

RECTANGLE				
WIDTH	LENGTH	BRICK PATTERN	CONFIG CODE	USE
350mm	650mm		Config A	2 x BXS-SML-SN, 2 x BXS-SML-DN
650mm	950mm	✔	Config B1	2 x BXS-LRG-SN, 2 x BXS-SML-DN
950mm	650mm	✔	Config B2	2 x BXS-LRG-DN, 2 x BXS-SML-SN
950mm	1250mm		Config C	2 x BXS-LRG-SN, 2 x BXS-LRG-DN

SQUARE				
WIDTH	LENGTH	BRICK PATTERN	CONFIG CODE	USE
500mm	500mm	✔	Config D1	2 x BXS-SML-SN, 2 x BXS-SML-SN
500mm	500mm	✔	Config D2	2 x BXS-SML-DN, 2 x BXS-SML-DN
800mm	800mm	✔	Config E1	2 x BXS-LRG-SN, 2 x BXS-SML-SN
800mm	800mm	✔	Config E2	2 x BXS-LRG-DN, 2 x BXS-SML-DN
1100mm	1100mm	✔	Config F1	2 x BXS-LRG-SN, 2 x BXS-LRG-SN
1100mm	1100mm	✔	Config F2	2 x BXS-LRG-DN, 2 x BXS-LRG-DN

USE OF EXTENDERS (EXAMPLES)				
WIDTH	LENGTH	BRICK PATTERN	USE	
1250mm	650mm		Config A + Extender set (two extenders)	
1550mm	950mm	✔	Config B1 + Extender set (two extenders)	
950mm	1550mm	✔	Config B2 + Extender set (two extenders)	
1850mm	1250mm		Config C + Extender set (two extenders)	
1400mm	500mm	✔	Config D1 + Extender set (two extenders)	
1400mm	500mm	✔	Config D2 + Extender set (two extenders)	
1700mm	800mm	✔	Config E1 + Extender set (two extenders)	
1700mm	800mm	✔	Config E2 + Extender set (two extenders)	
2000mm	1100mm	✔	Config F1 + Extender set (two extenders)	
2000mm	1100mm	✔	Config F2 + Extender set (two extenders)	