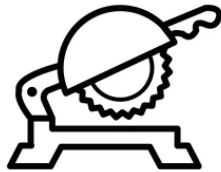




## Equipment

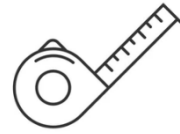
### Mitre saw

Equipped with a suitable blade for cutting aluminium



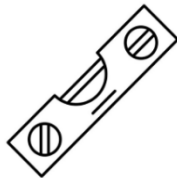
### Tape measure

Measure twice, cut once



### Level

Rotating laser level plus a standard level are recommended



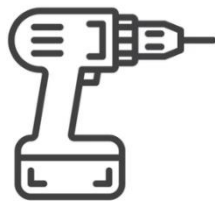
### Angle grinder

Best for accurate cuts – circular saw will work



### Cordless drill

With appropriate attachment and bits



### Table saw

Wet cutting the porcelain tiles is recommended



### Knife

Handy for trimming the lining membrane



### Site PPE

Adhere to all relevant site regulations



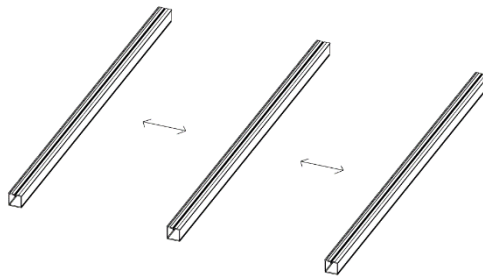
## General Notes

- Leave 3mm gap between board ends when butted end on end
- Some schemes require a 10mm gap around perimeter edge of area
- Where joists are to be butted end-on-end, ensure there is a support under the join connecting the two joists.
- Always use appropriate torque setting on cordless screwdriver for screws
- Always use the correct PPE throughout installation

### Part 1: Installing the substructure

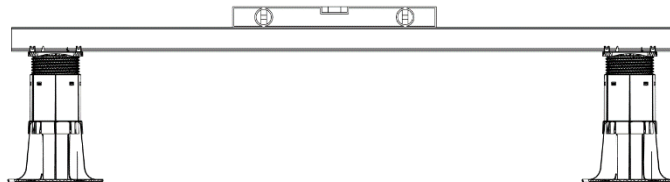
1. Lay joists out on substrate at required centres (as per Baseboard span, see datasheet). **Fig A**

**Fig A**

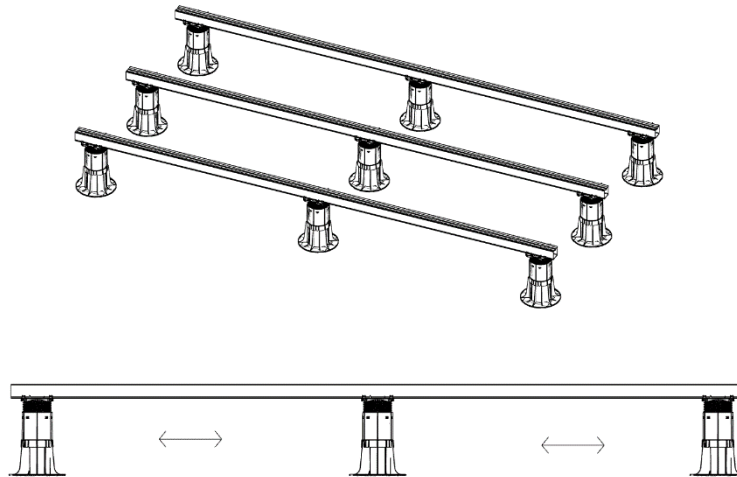


2. Lift joists on to pedestal supports at each end of joist and level up. **Fig B**

**Fig B**

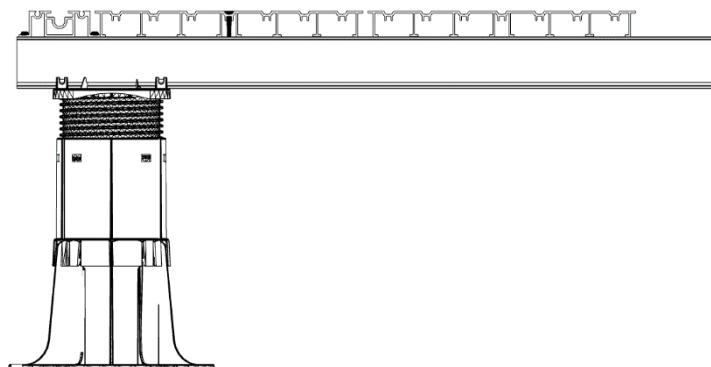


3. Level all joists to the same level
4. Add intermediate supports at required centres along joist (as per joist span, see datasheet). **Fig C**



5. Where joists are to be butted end-on-end, ensure there is a support under the join connecting the two joists.
6. Once all joists are level and fully supported, establish where the first Baseboard will be laid
7. Fasten down Baseboards with BBS baseboard screws, using the recesses on the surface to ensure screw heads sit flush with the surface and not proud. Ensure at least 1 screw is fastened into each supporting joist. Leave a 5mm gap between each board to allow drainage. **Fig D**

**Fig D**

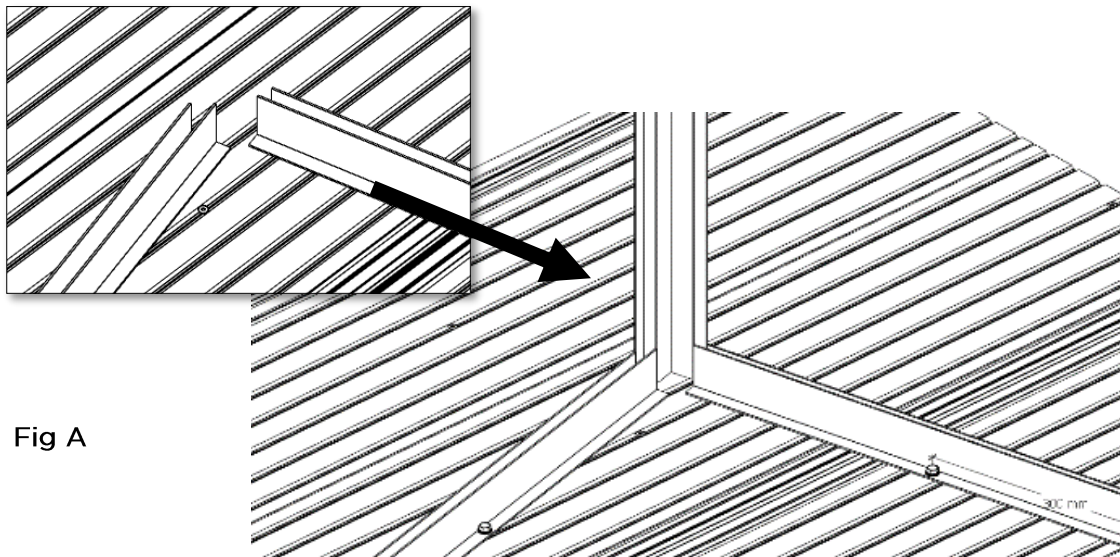


## TerraSmart Eiger Porcelain Planter System **Installation Guide**

8. Repeat step 7 until last board
9. Installing the last Baseboard;
  - a. If last board fits perfectly and does not require ripping down length, simply fasten board as per point 7
  - b. If last board is wider than the space available, simply cut board down to required width before fastening down.
10. Once baseboard layer is complete you are now ready to install the Eiger Porcelain Planter.

### **Part 2: Installing the Eiger Porcelain Planter**

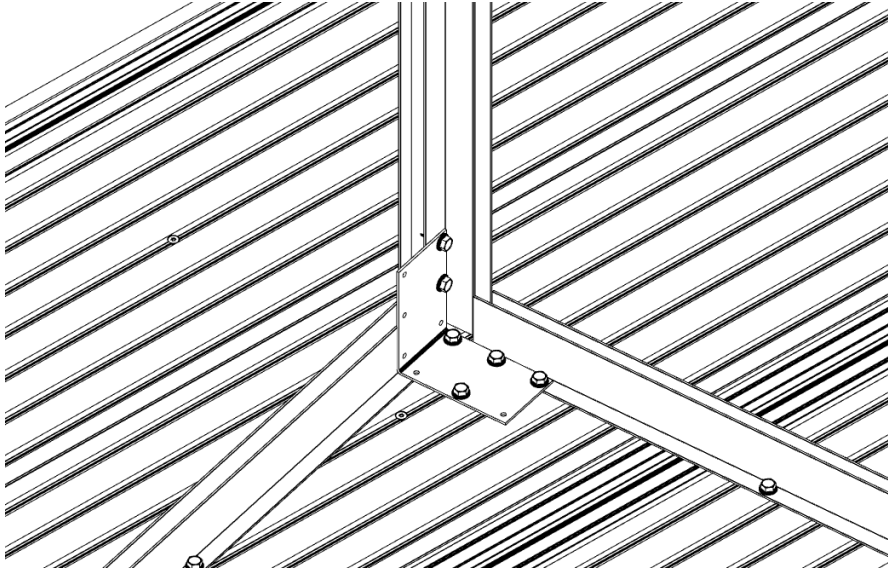
1. Lay the base rail, fixing down using the BBF baseboard fixings at 300mm centres. Note the base rails will butt up to the upright corner profiles so only straight cuts are required at this stage. Care must be taken to ensure the correct space is left for the corner profile being used. **Fig A**



**Fig A**

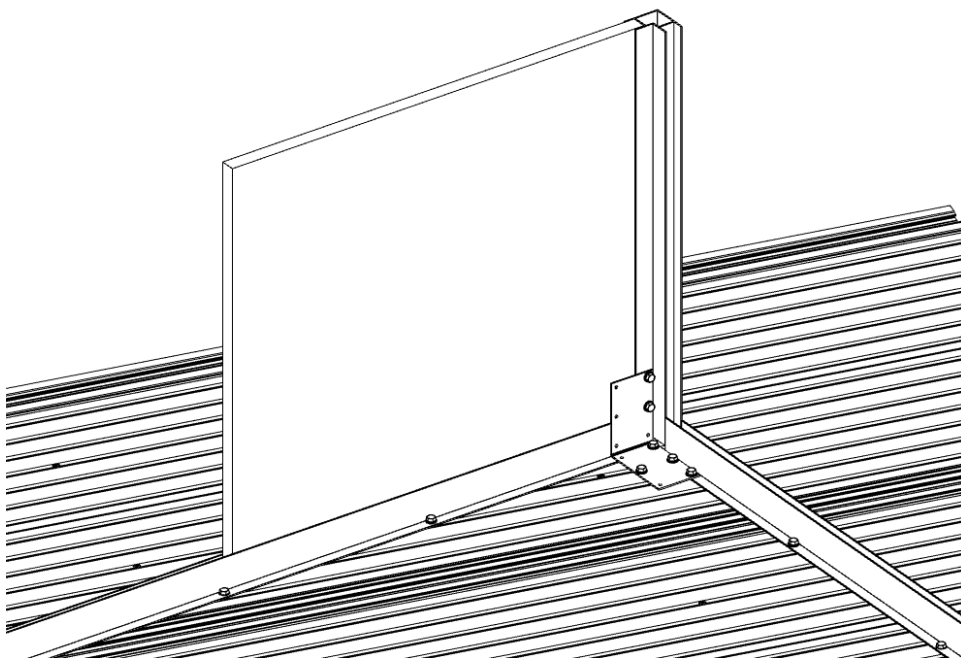
2. Fix corner uprights in position using the wide 90deg angle bracket. Install the bracket so the upright corner profile can be fixed using **2x Hex-Head Screws** and fix down to the baseboard using minimum of **4x Hex-Head Screws**. **Fig B**

**Fig B**



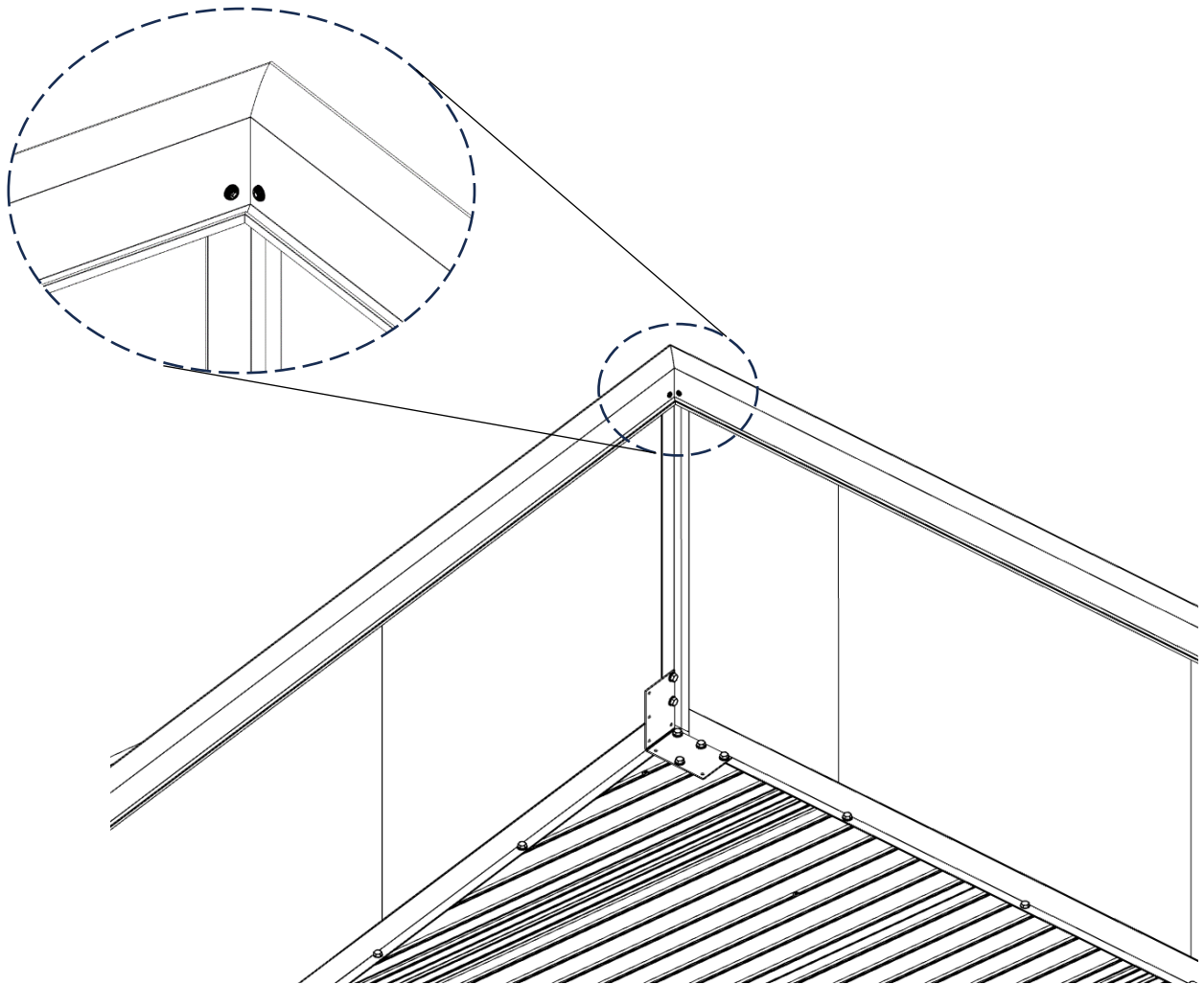
3. Install tiles by slotting them into the base rail starting from the first upright corner profile. Ensure these tiles are fully inserted into the corner profile to maintain a square and upright corner. A bead of silicone should be used inside the base profile to prevent leaching of water, and to help with rigidity and stop any looseness of the tile. **Fig C**

**Fig C**



4. The top rail is to be cut to the correct angles for the corners, and slotted down over the tiles (again silicone can be used). The top rail will slot down over the upright corner profiles and can be fixed into the corner profiles using 2x PHS 13mm screws. Note: Touch up paint pens can be used to hide mill finished aluminium visible from cuts **Fig D**

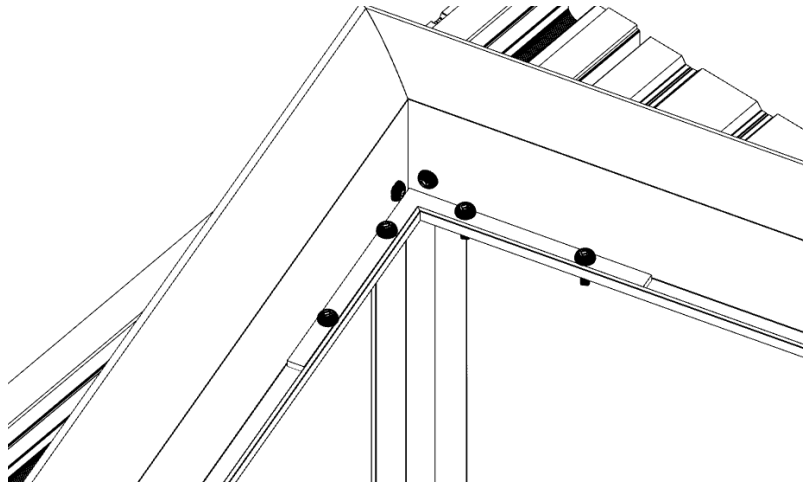
**Fig D**





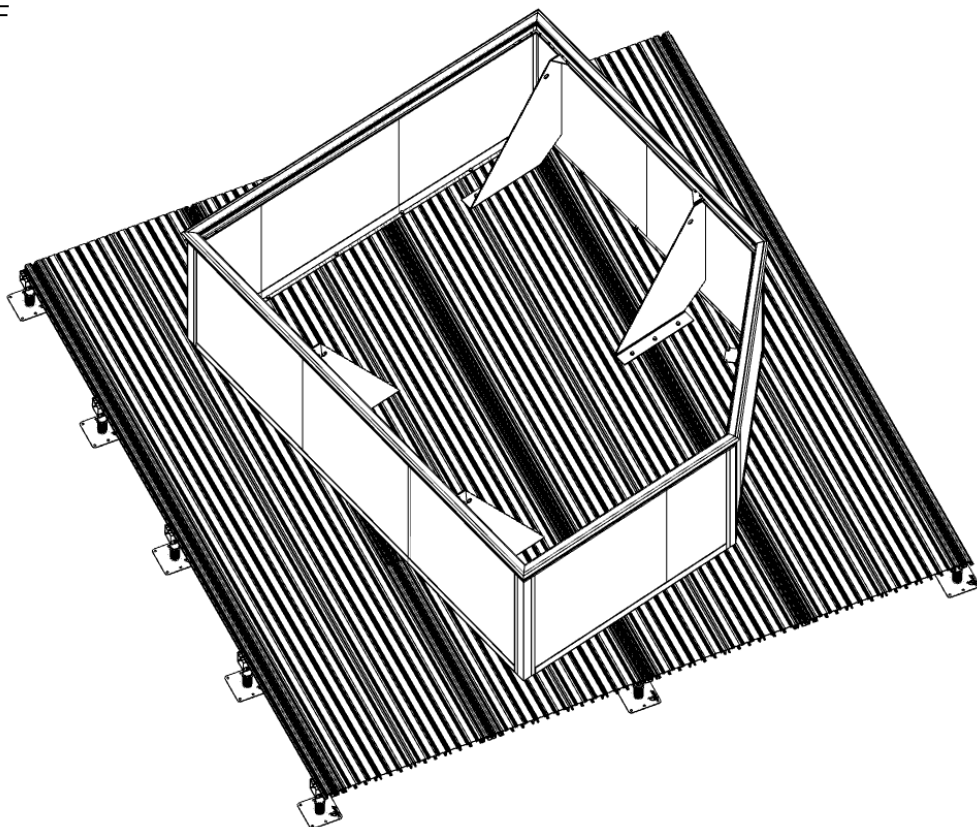
5. Install corner connectors to secure the corner joints using 4x screws Fig E

Fig E



6. Install supports at max 1m centres, fixing down from above into the top rail fixing arm using 2x DSB 30mm screws and through the base into the baseboard using minimum 2x BBF Baseboard fixings. Fig F

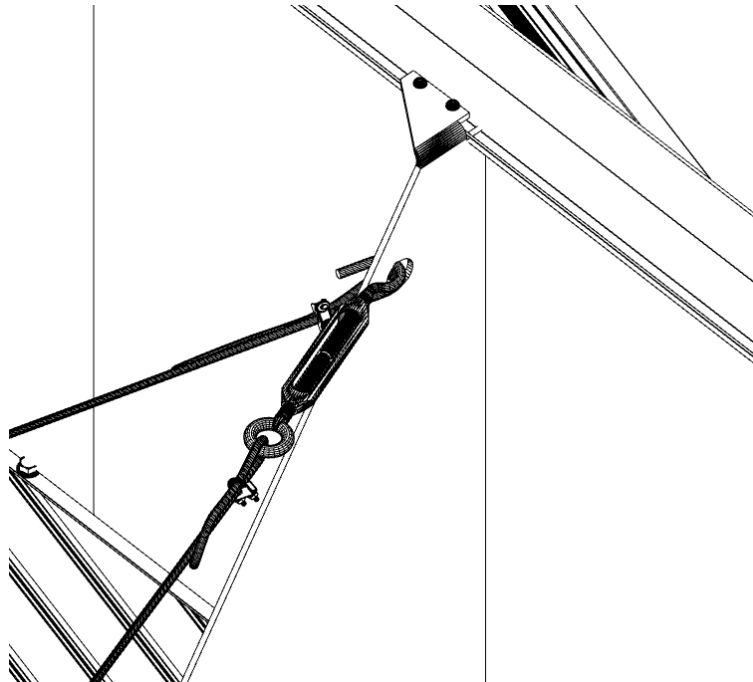
Fig F





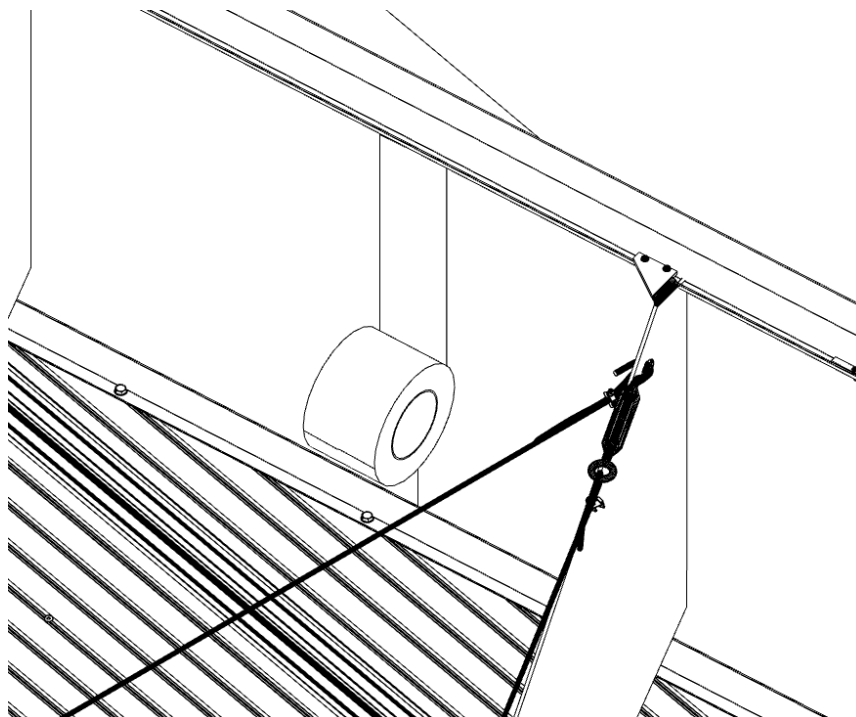
7. Install tension wires when required, these can be hooked through the holes provided on the supports. Fig G

Fig G

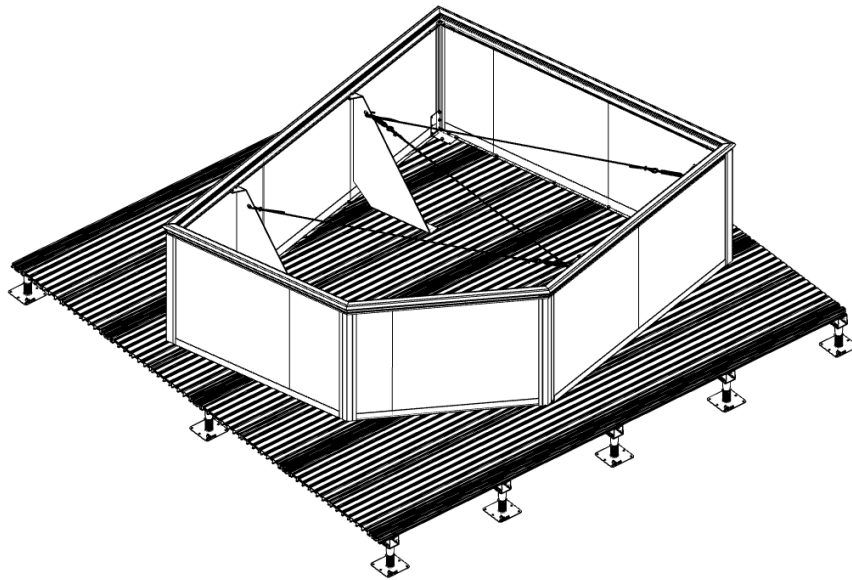


8. Install tanking tape on tile joints. Note; tiles must be completely dry to ensure a good bond. Fig J

Fig J



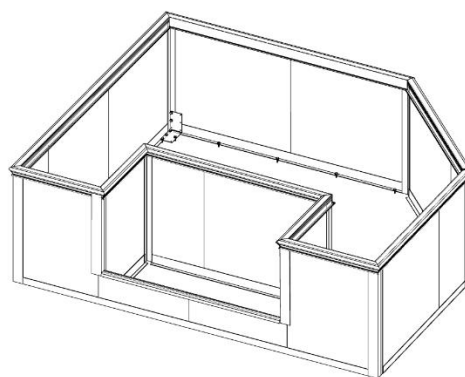
9. Stand back and admire! The planter is now ready for filling with bulk material/soil.  
**Fig K**



### Integrated seating

1. If you have integrated seating, the planter rails are used to create a 'box' – in which the full height planter face is the back of the bench, and tiles are cut to half height to create the front edge. **Fig K**

**Fig K**



2. Modular Seating can then be placed in the box created, fixed down to the substructure through the fixing slots in the base. See separate instructions for assembling the Modular Seating.

# Contact us

**Head office**

Castlepoint  
Castle Way  
Ellon  
AB41 9RG

**The Studio**

2 Sutton Lane  
Off Clerkenwell Road  
London  
EC1M 5PU

**Telephone:**

+44 (0)203 9673500

**Email:**

[enquiries@rynosystems.com](mailto:enquiries@rynosystems.com)