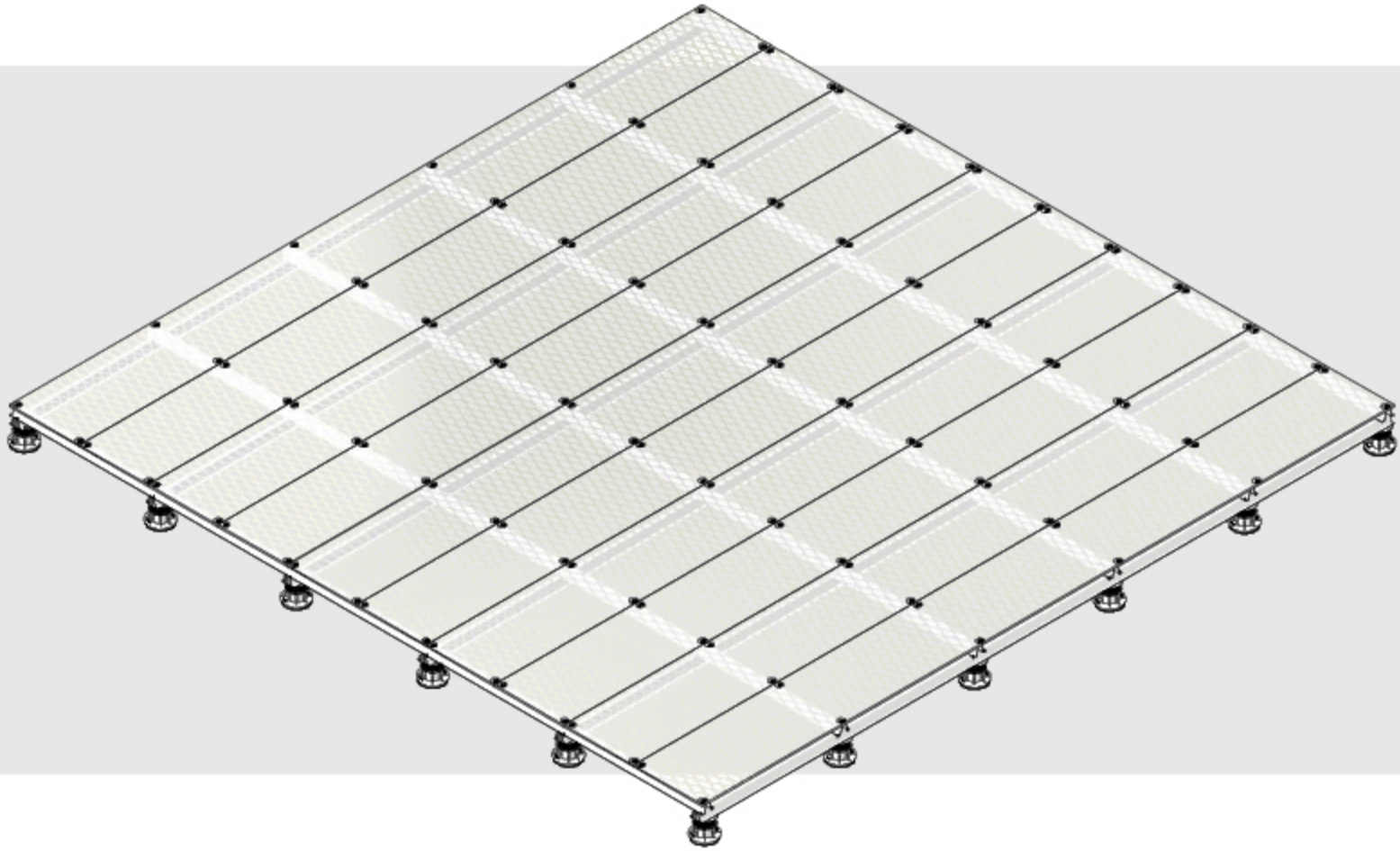


Easy Mech CR

Assembly Instruction Manual



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Easy Mech CR Assembly Manual

Document Version: 24-09-26-v1

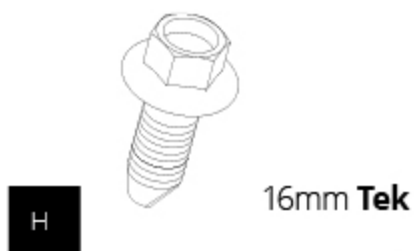
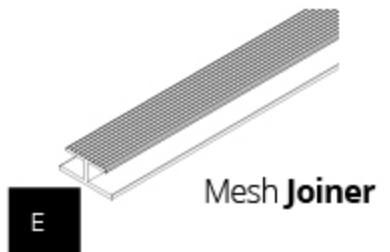
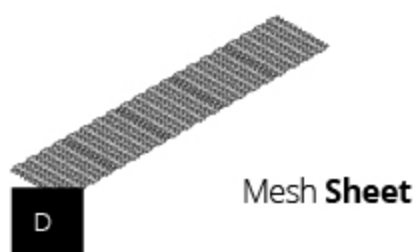
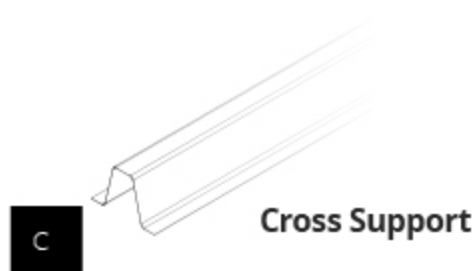
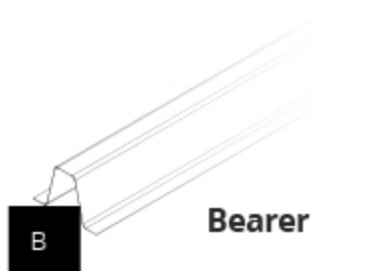
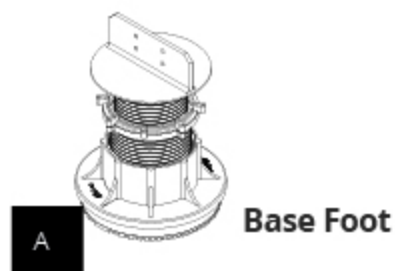
Contents

- > Platform Layout
- > Installing Mesh

Tools

Gloves	PH2 Phillips Head Bits
Drill	High-Speed Drill Bit Kit
Impact Driver	Nibbler Drill Attachment
Ratchet Wrench	Mallet
Circular Saw	18V Wet/Dry Vac Skin
150mm-200mm ½" Extension bar	
18mm Deep Socket	
13mm Socket	
Tape Measure	
Black Marker	
Spirit Level	
Roofing Silicone	
Clean Rag	
Isopropyl Alcohol Cleaner	

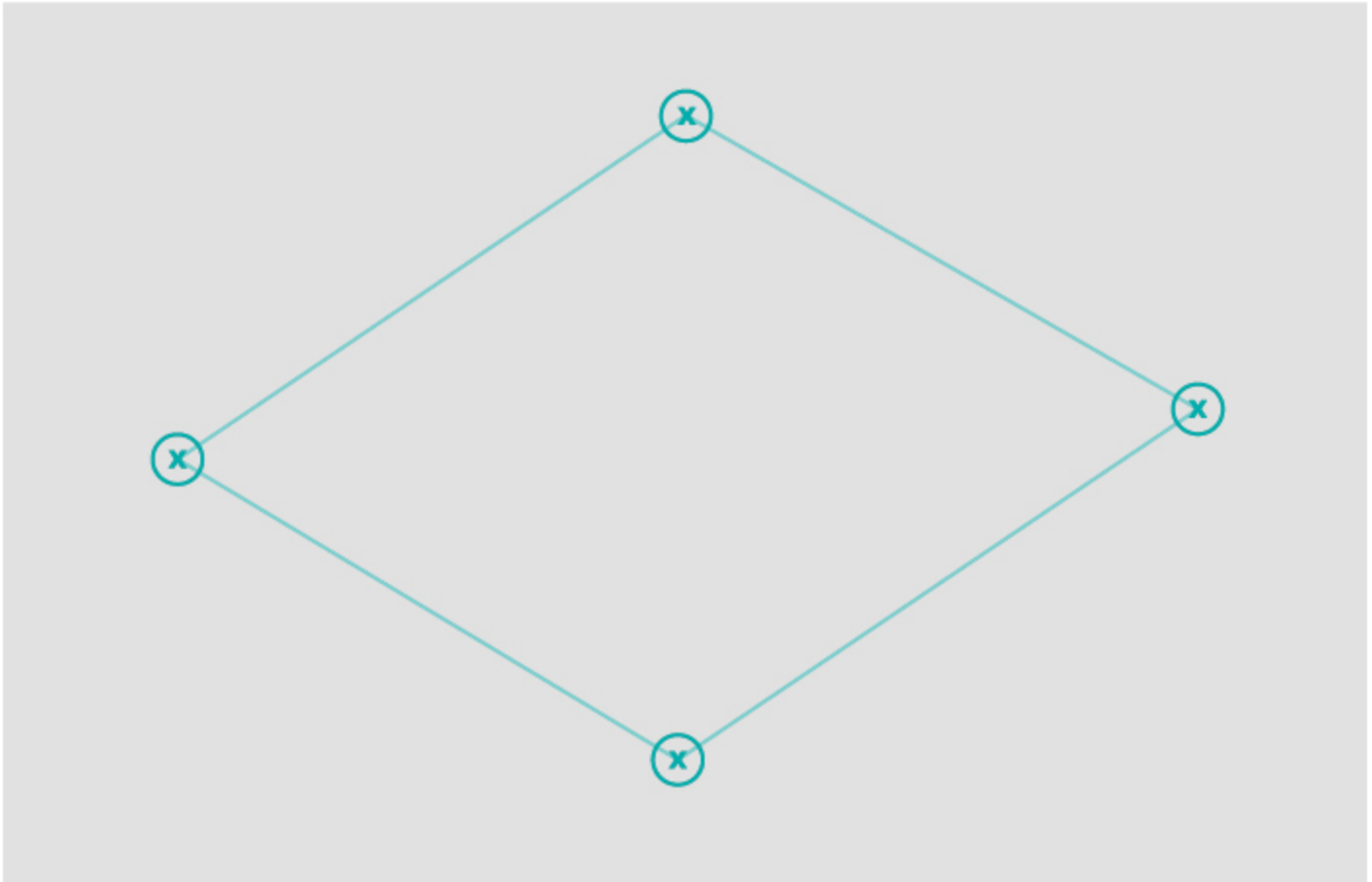
Assembly Parts



Platform Layout

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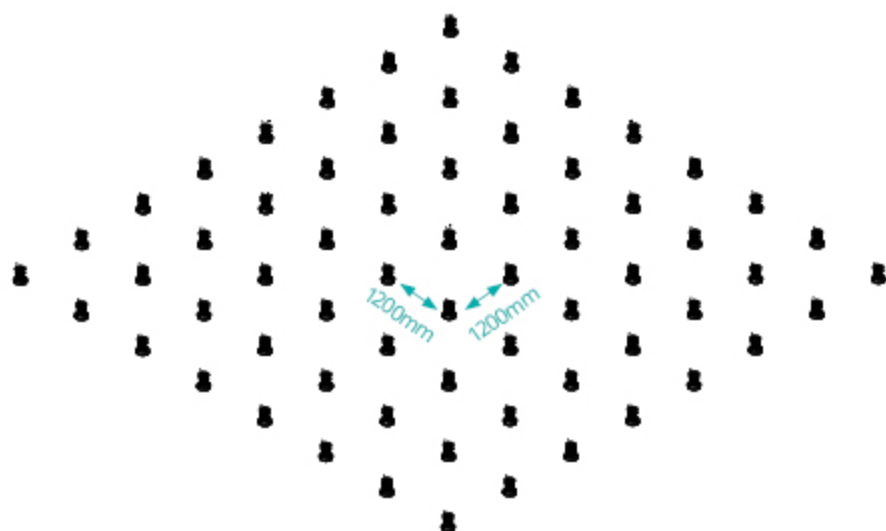
1



1.First, establish the location of the platform on the roof by referring to the System Layout Design. Next, locate the roof rafters. If access to the inside of the building is available, measure the centres of the rafters. If no access is available, refer to drawings and, working from the parapet, measure to the approximate location of the rafter located under the platform and lift the roof sheet to confirm location.

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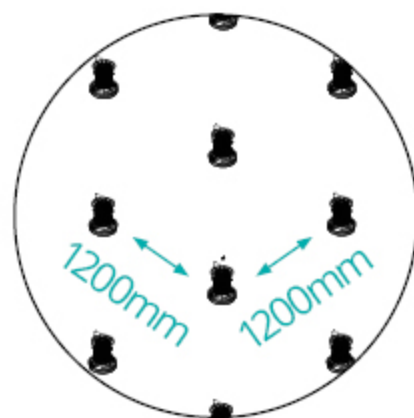
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Parts required



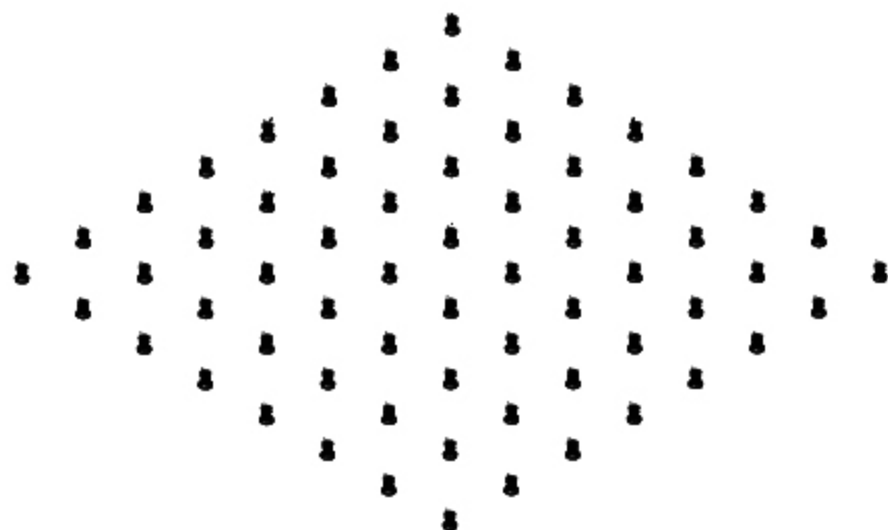
Base Foot



2. Place the **Base Feet** at approximately 1200mm apart in a grid pattern across the area of the platform that you have marked out.

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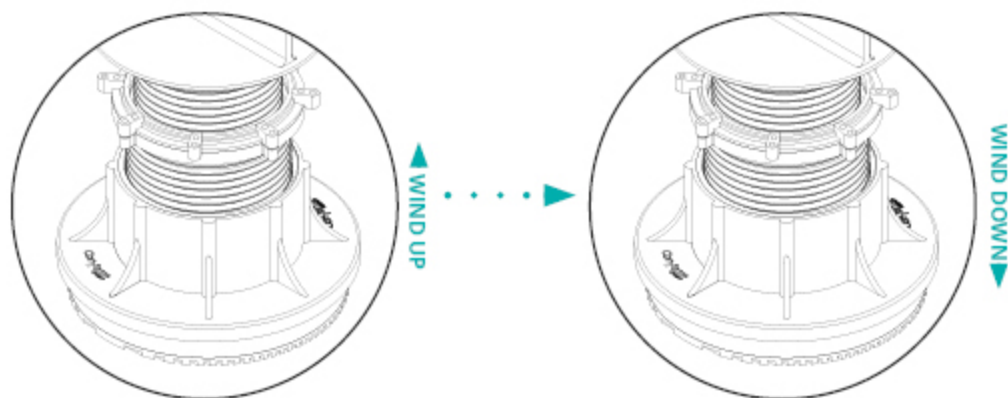
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Parts required



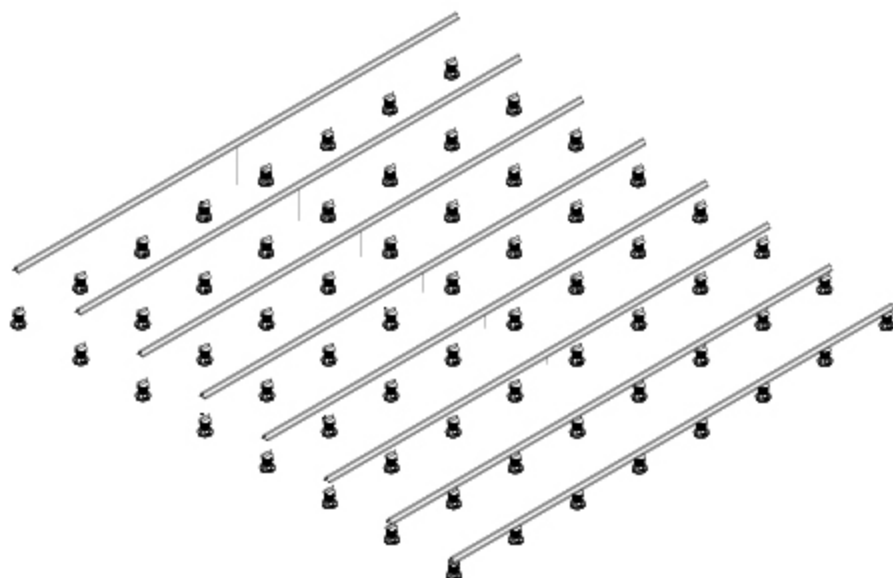
Base Foot



3. Make sure that each of the **Base Feet** are adjusted to the lowest position. First wind the upper lock collar, then wind the thread housing up to lower the saddle.

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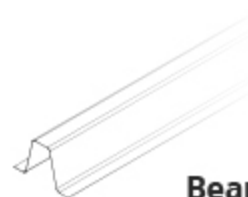
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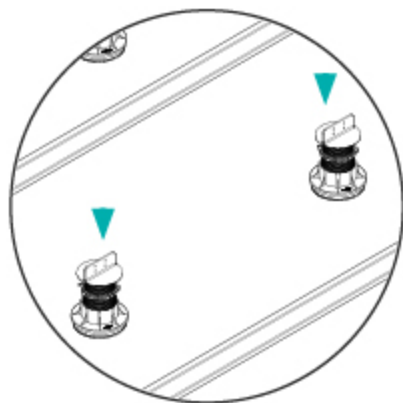
Parts required



Base Foot



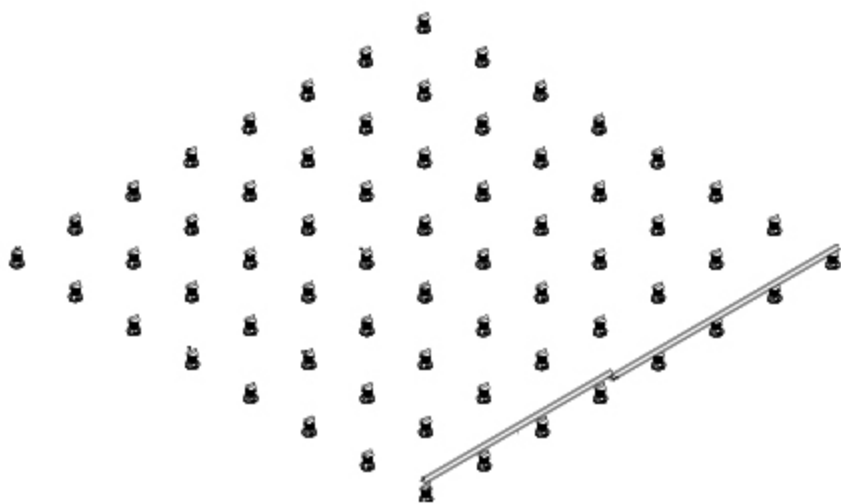
Bearer



4. Place each of the **Bearers** onto the saddles of the **Base Feet**, the Bearers run in the length of the platform.

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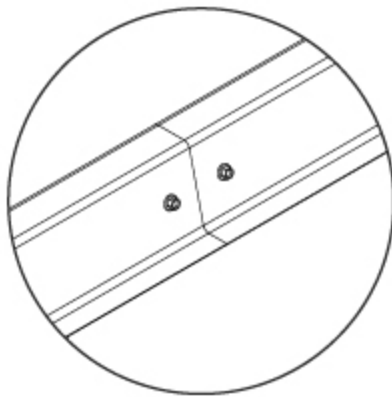
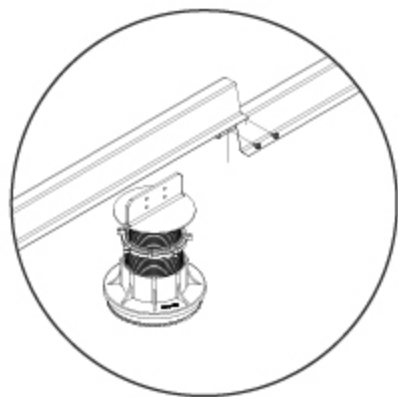
Parts required



Bearer 2 Pieces



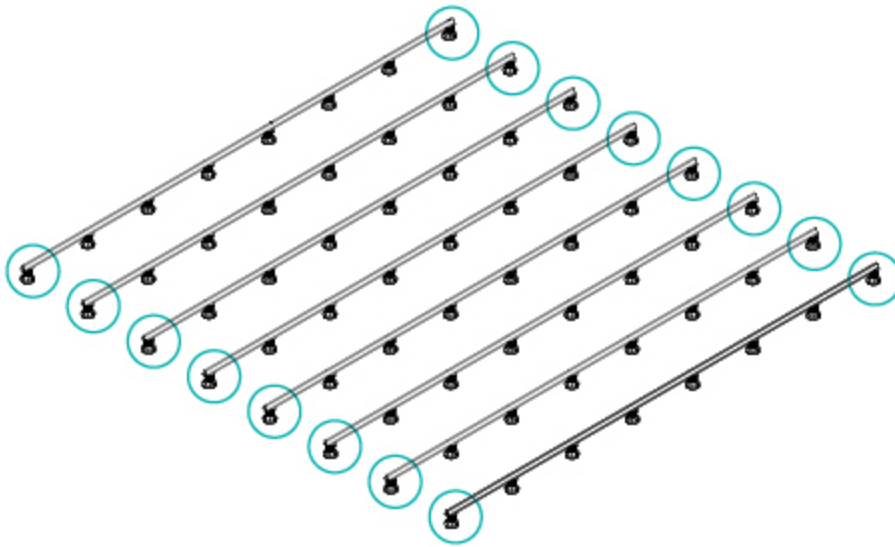
20mm **Tek Screws**



5. If the platform is longer than 6000mm then the **Bearers** will be supplied in two pieces, overlap and join the pieces of the Bearers together using four x **20mm Tek Screws**.

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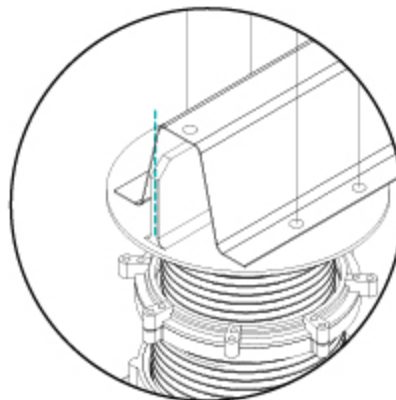
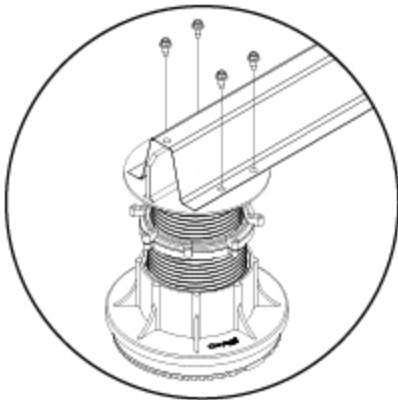
Parts required



Bearer



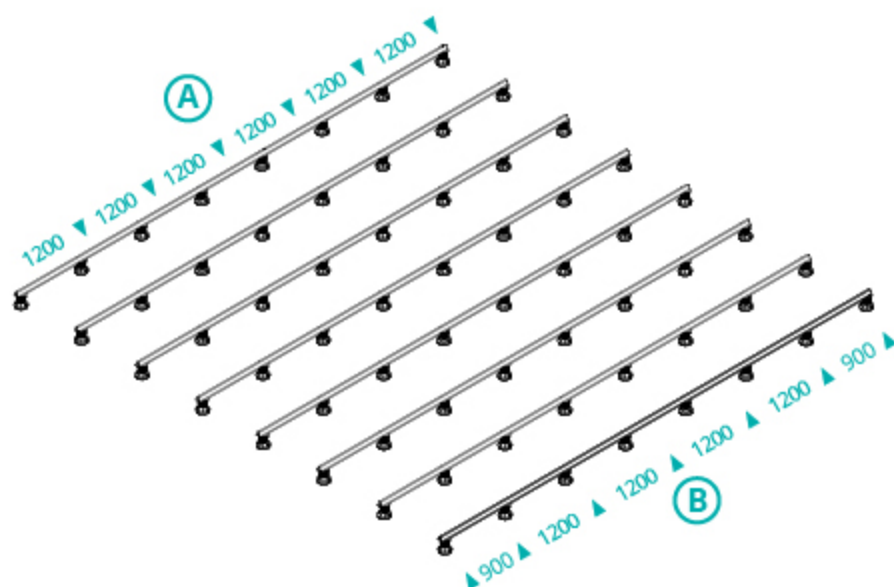
20mm **Tek Screws**



6. Fix the **Base Foot** on each end of each **Bearer** flush with the outside face of the top hat using four x **20mm Tek Screws**.

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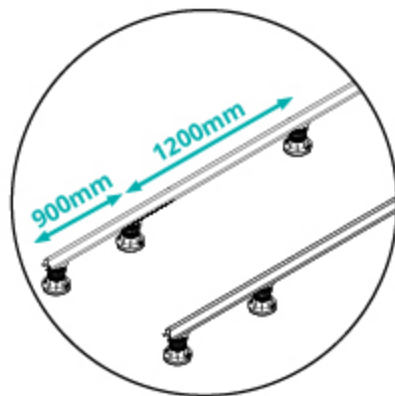
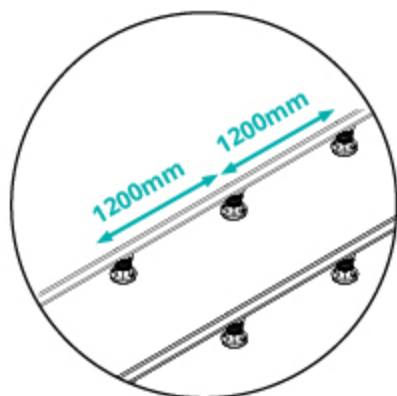
Parts required



Bearer



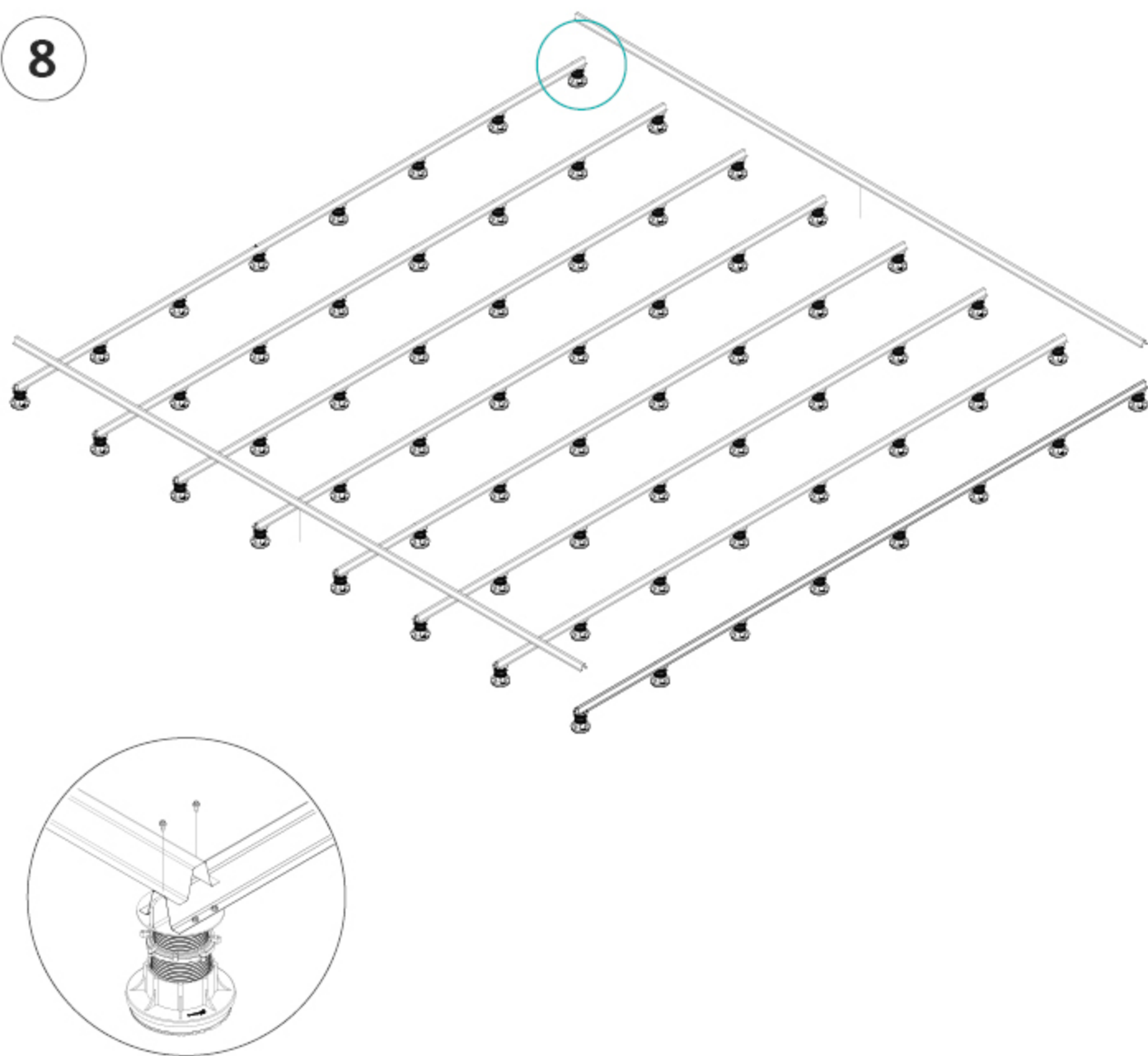
20mm Tek Screws



7. A) If the platform's length is equally divisible by 1200mm, space the remaining internal **Base Feet** at equal 1200mm increments from the end of the **Bearer**, then fix to the Bearers using **20mm Tek Screws**. **B)** If the platform's length is not equally divisible by 1200mm, space the first and last internal Base Feet 900mm from each end of the Bearer and the remaining internal Base Feet at 1200mm increments, then fix the Base Feet to the Bearers using 20mm Tek Screws.

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8. Place a **Cross Support** onto the **Bearers** at each end of the platform and fix in place with two x **20mm Tek Screws**.

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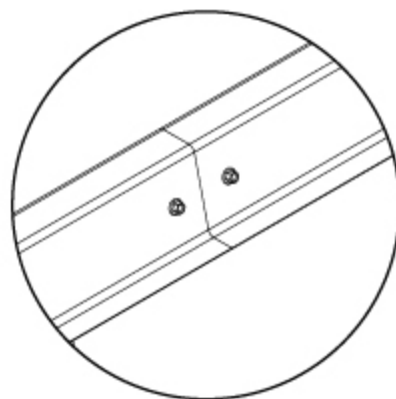
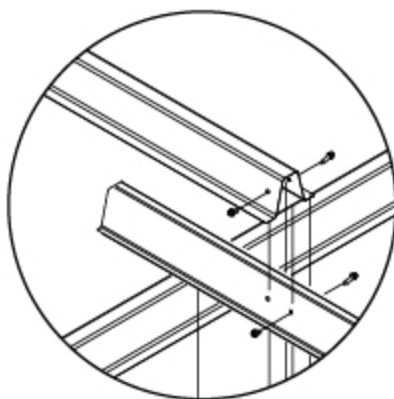
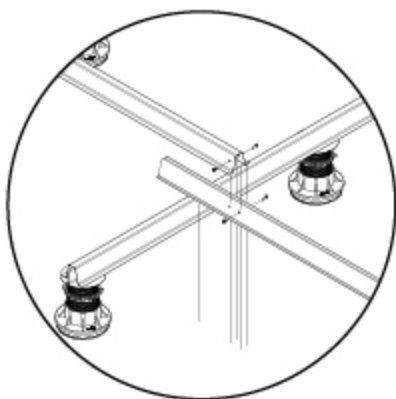
Parts required



Cross Support

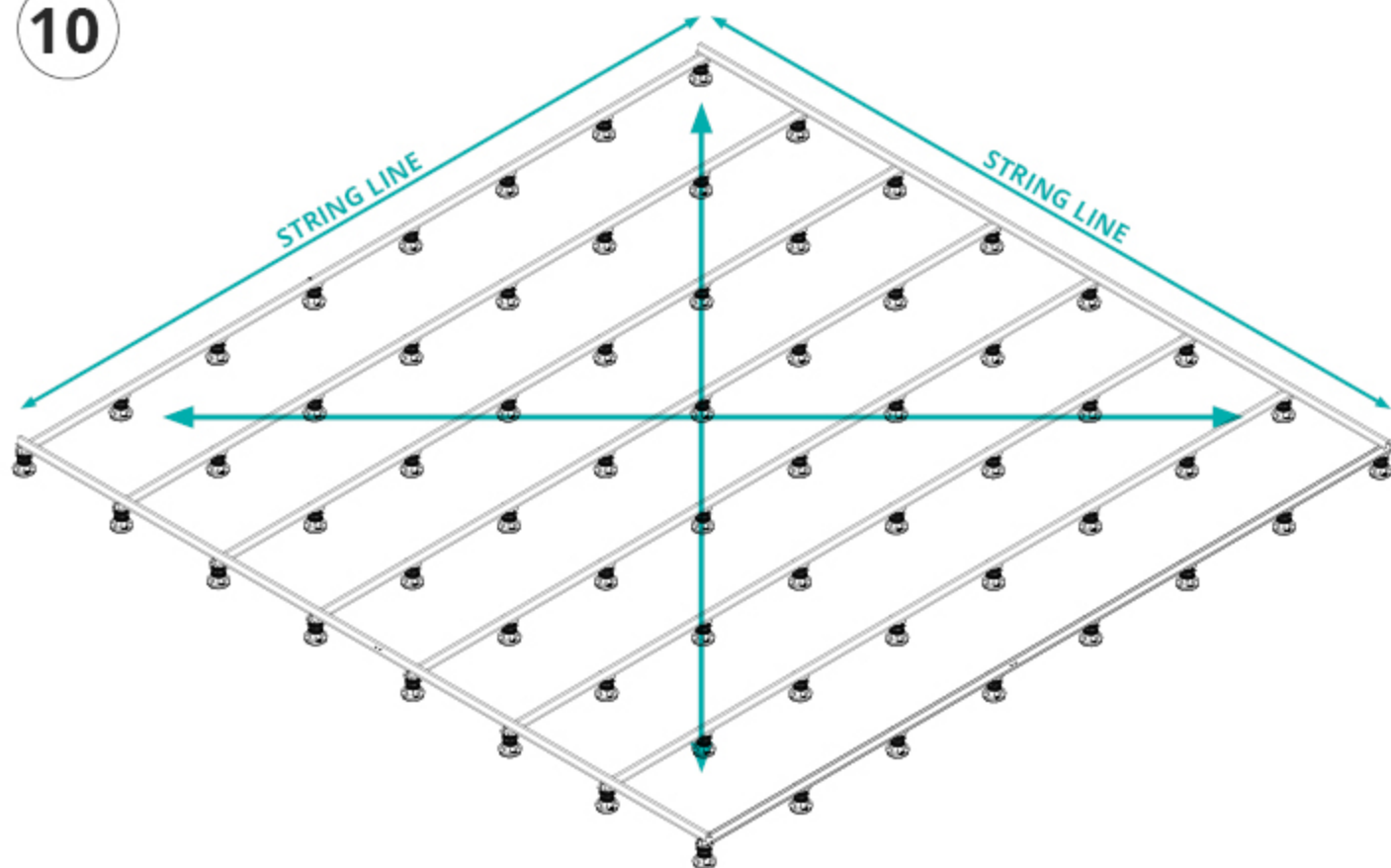


20mm Tek Screws



9. If the platform is wider than 6000mm then the **Cross Supports** will be in two pieces, overlap and join the pieces of the Cross Supports together using four x **20mm Tek Screws**.

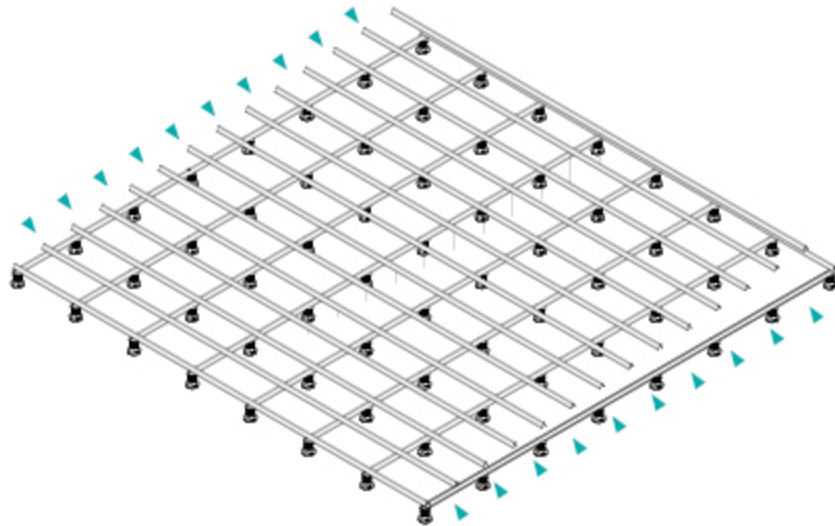
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10. Adjust this outer frame for square by measuring between the diagonal points and making the two distances the same and check that the sides are straight with a string line.

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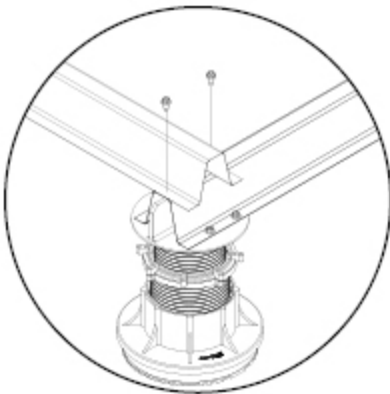
11



Parts required



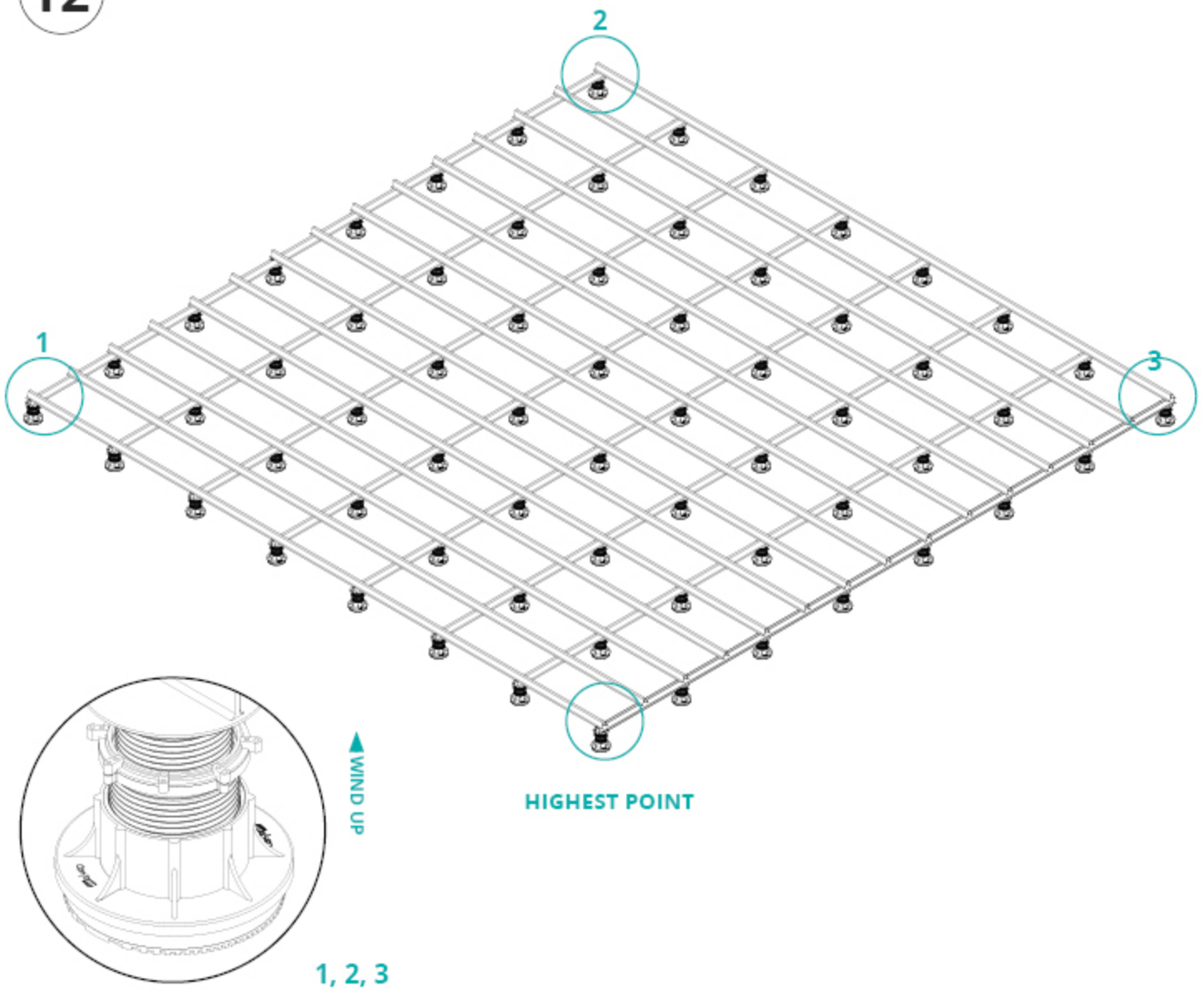
20mm **Tek Screws**



11. Mark the positions of the remaining **Cross Supports** on the two outer **Bearers** at 600mm apart from centre to centre from one side, and fix the remaining Cross Supports in place using two x **20mm Tek Screws** wherever the cross support crosses a bearer.

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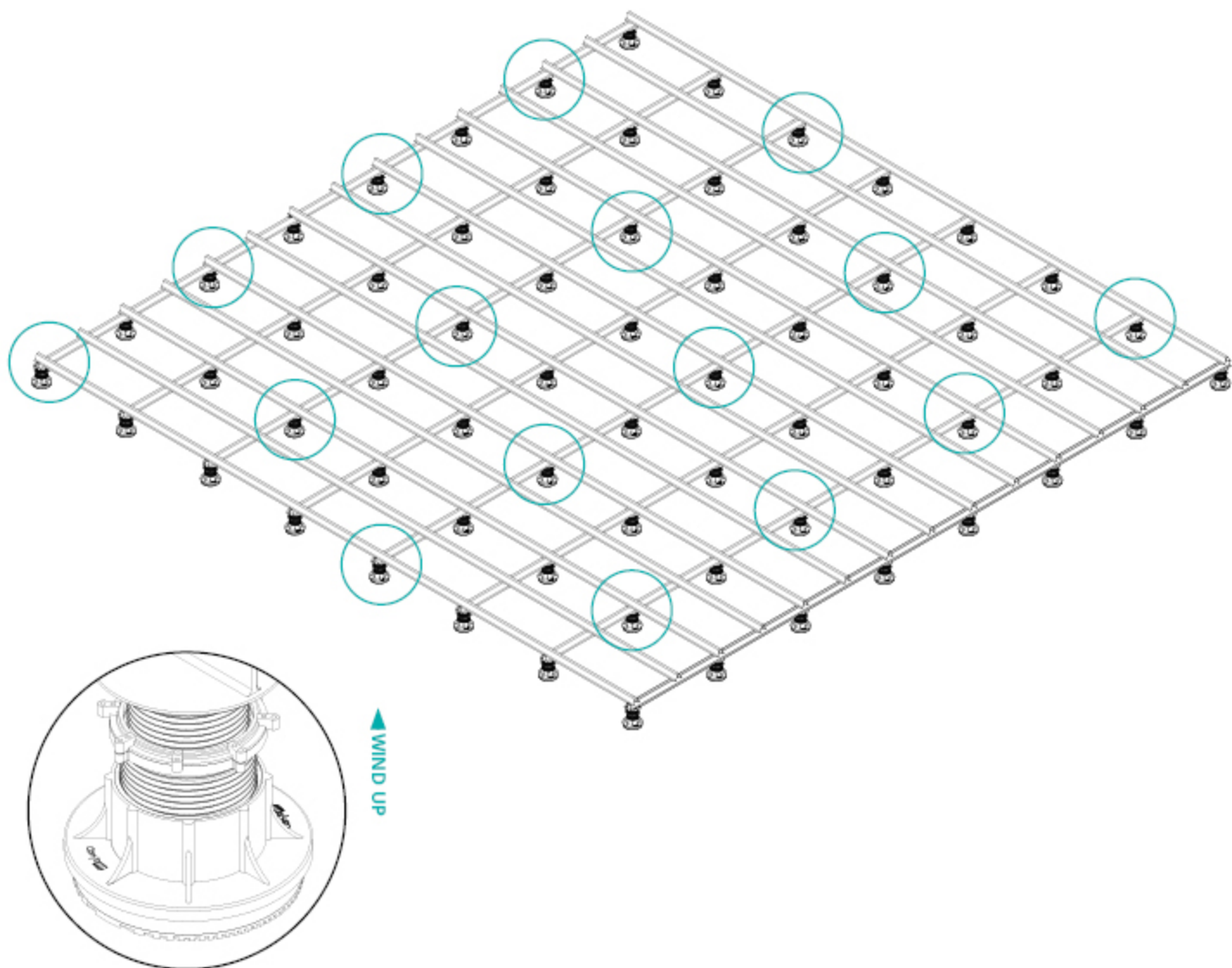
12



12. Level the frame by adjusting the height of each of the **Base Feet** to match the height of the Base Foot that is at the highest point of the roof. This is fastest done by checking which Base Foot is standing up the highest using a laser level and placing the staff on the top on the frame at various points to find the highest point and then working around the platform adjust the Base Feet at the four corners to the correct height.

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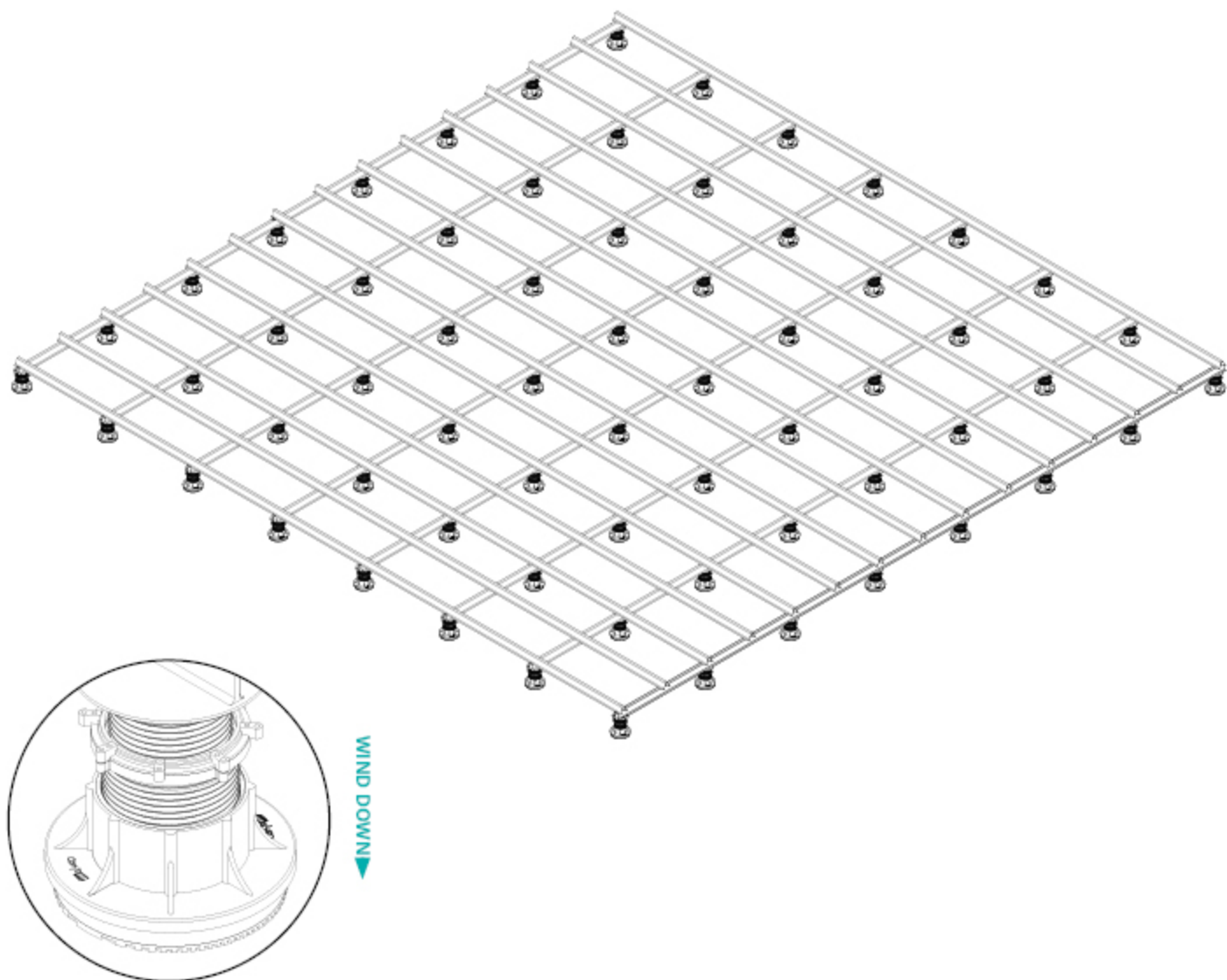
13



13. Level every second **Base Foot** in a grid pattern across the platform, returning and adjusting the remaining Base Feet as the frame will already be level above these. If you do not have a laser level, you can use a spirit level and a string line for this step.

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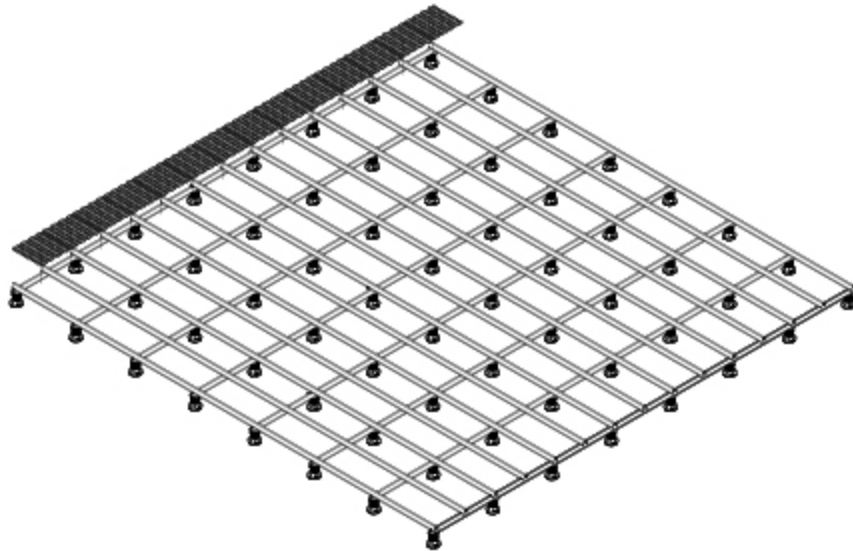


14. Once you are happy that the platform is level and flat, wind the lock nut down on each of the **Base Feet** and tighten.

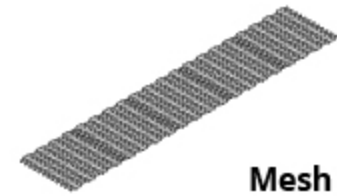
Mesh Installation

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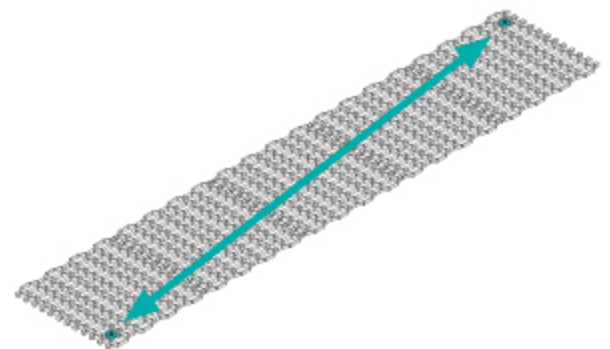
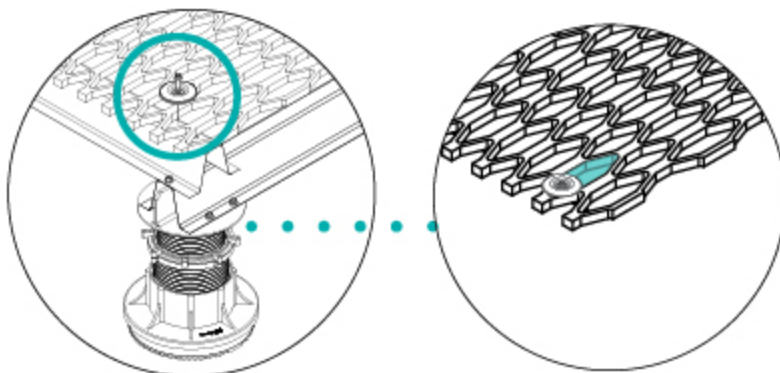
Parts required



Mesh Sheet



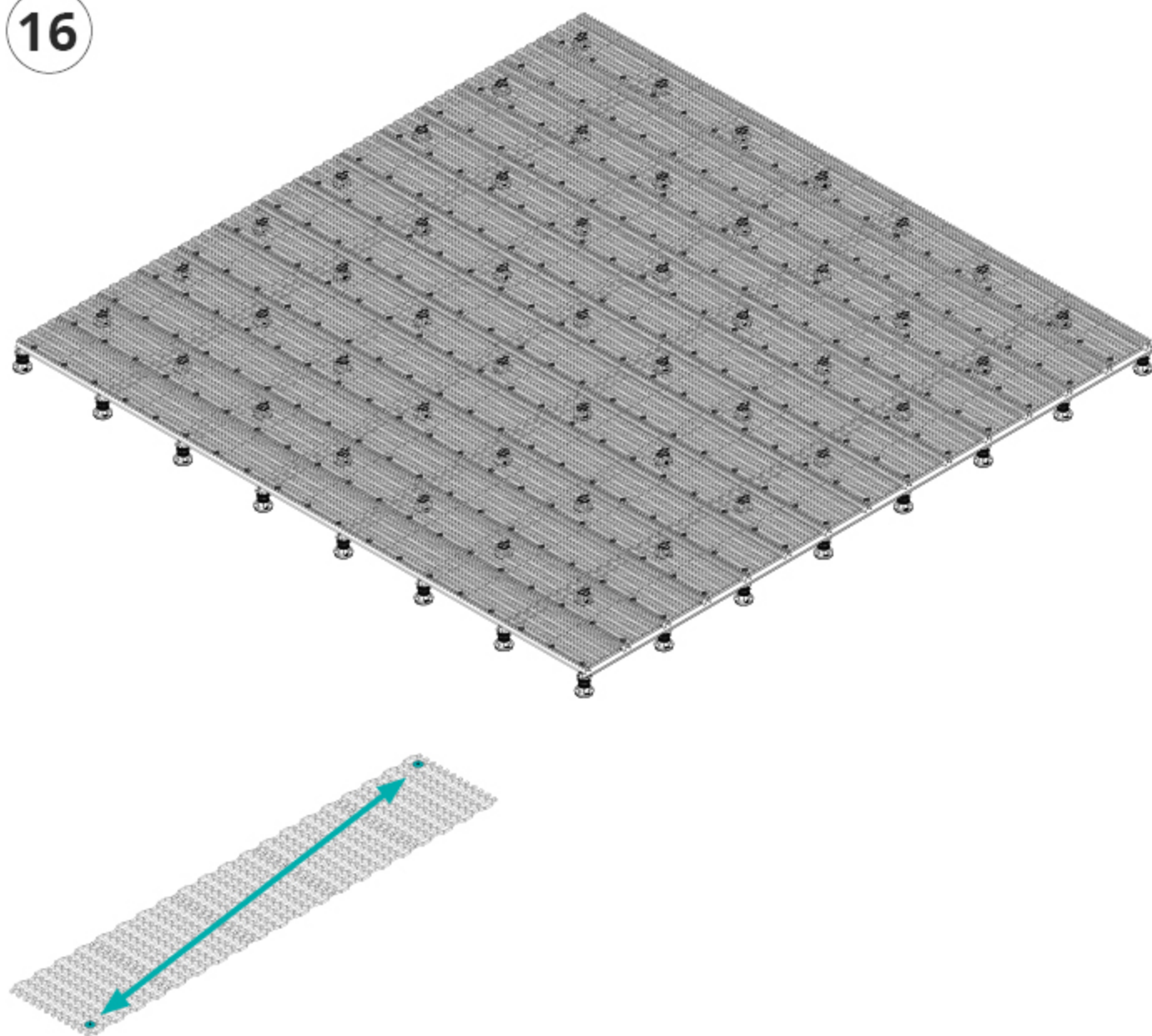
40mm **Screw & Hold Down Disc**



15. Place the first **Mesh Sheet** across the **Cross Supports**, keeping it flush with the **Bearer** and flush with the end Cross Support. Fix it to the Cross Supports on diagonal corners only, using a **40mm Needle Point Screw** and a **Hold Down Disc** in the second full diamond of the Mesh sheet.

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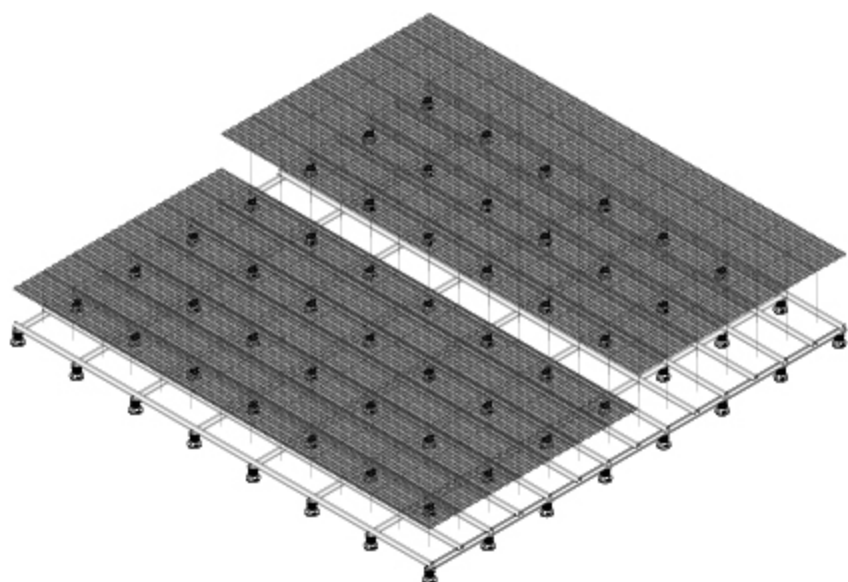
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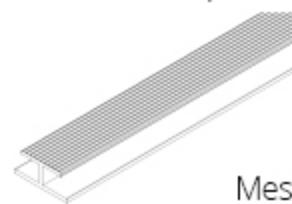
16. Place the rest of the sheets of **Mesh** down beside each other and fix down in diagonal corners only as you go, keeping the ends of the sheets flush with the end **Cross Support**, and ensure the sheets are placed tightly and do not creep.

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Parts required



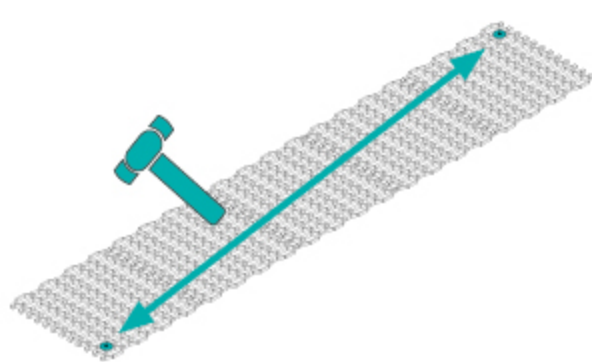
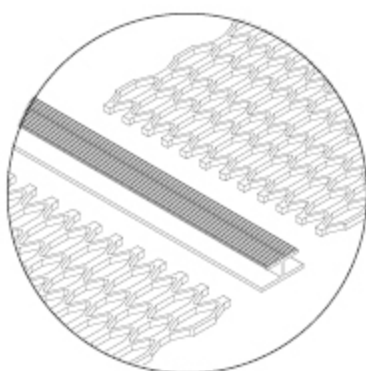
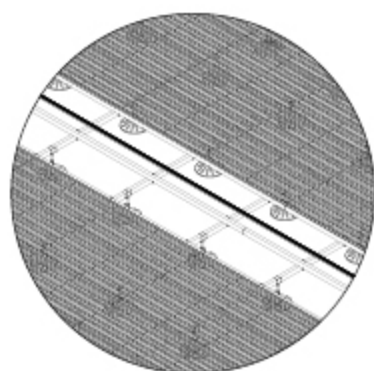
Mesh Joiner



Mesh Sheet



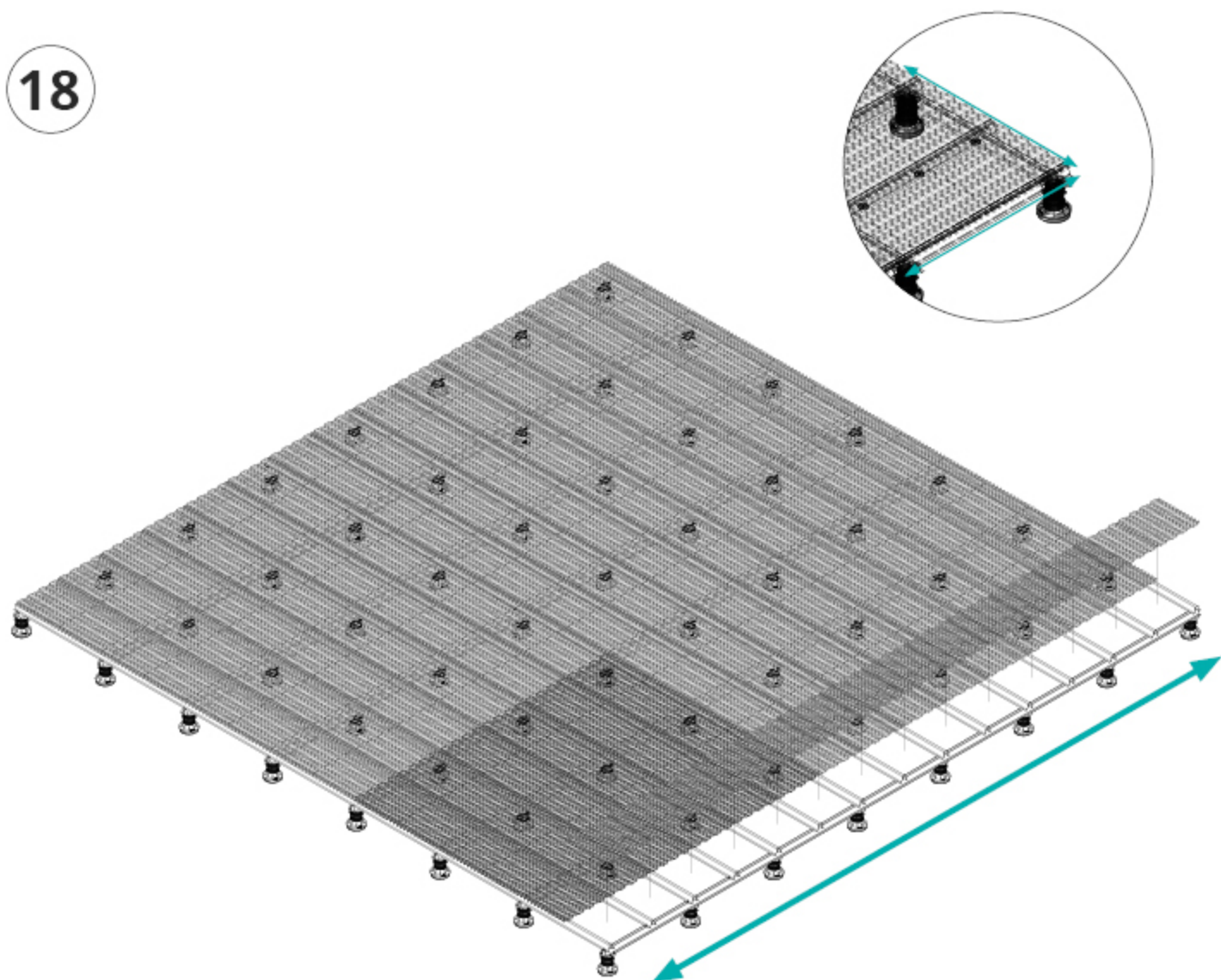
40mm Screw & Hold Down Disc



17. If the platform is wider than 6000mm down roof then there will be two rows of **Mesh** joined together with a **Mesh Joiner**, fix the first row of Mesh sheets down as above, then using a rubber mallet tap the Mesh Joiner over the sheet ends. Lay the second row of Mesh sheets by placing the end of each sheet of Mesh into the Mesh Joiner as you go and fix down in diagonal locations.

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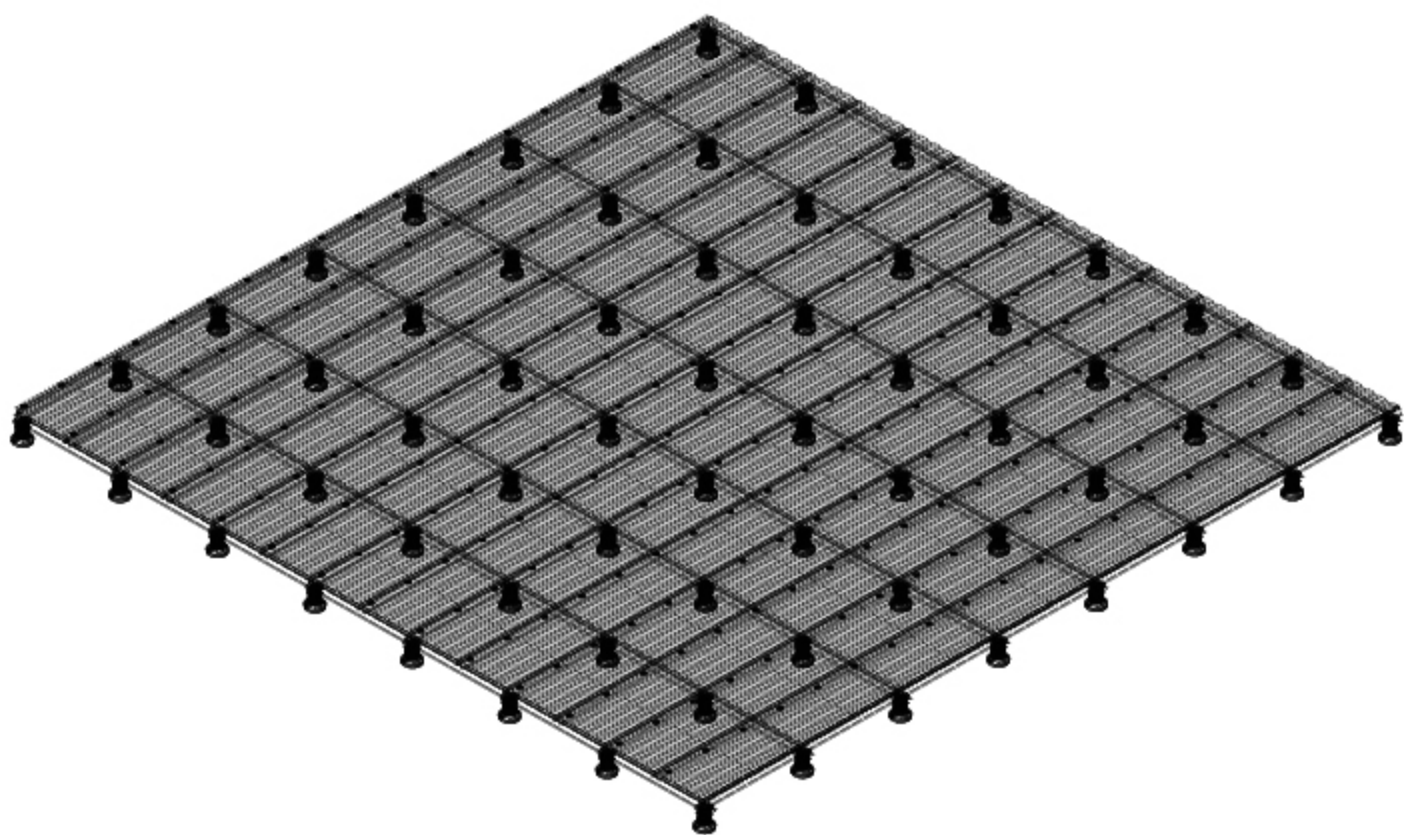
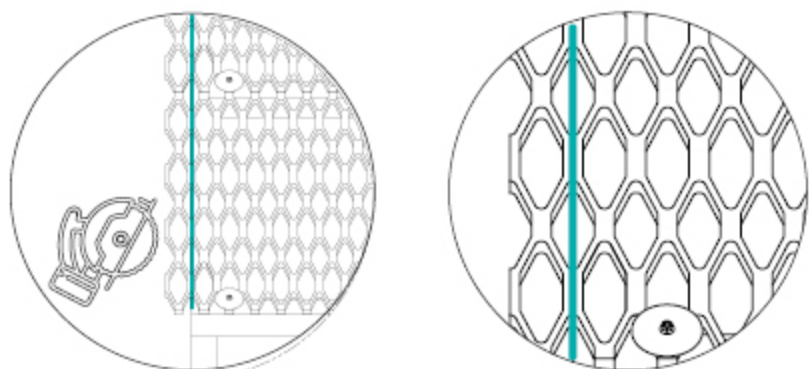
18



18. When you fix the last **Mesh Sheet** down make sure it is running parallel with the side of the platform and if not adjust the sheets of Mesh by unscrewing the relevant screws and creeping the sheets of Mesh to suit.

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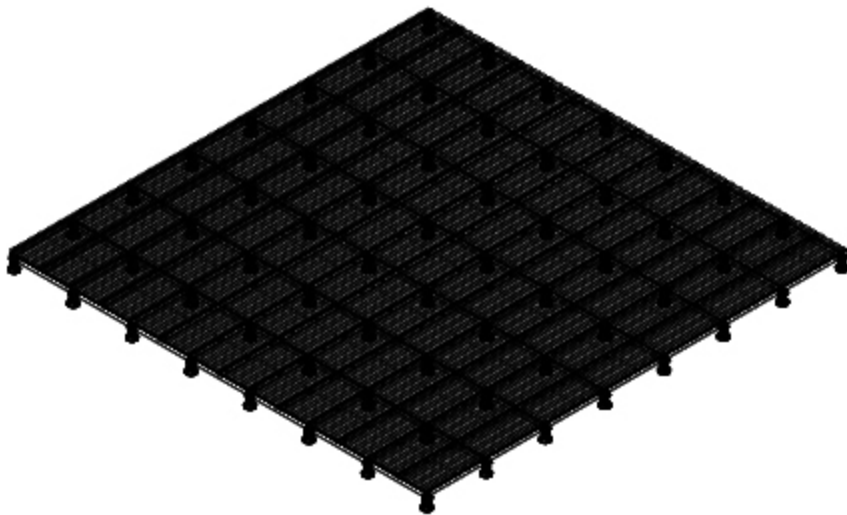
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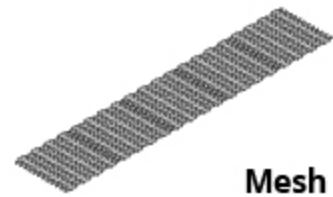
19. If the last sheet of **Mesh** is overhanging the end of platform by more than 25mm then cut off the overhanging **Mesh** through the relevant joins in the diamonds.

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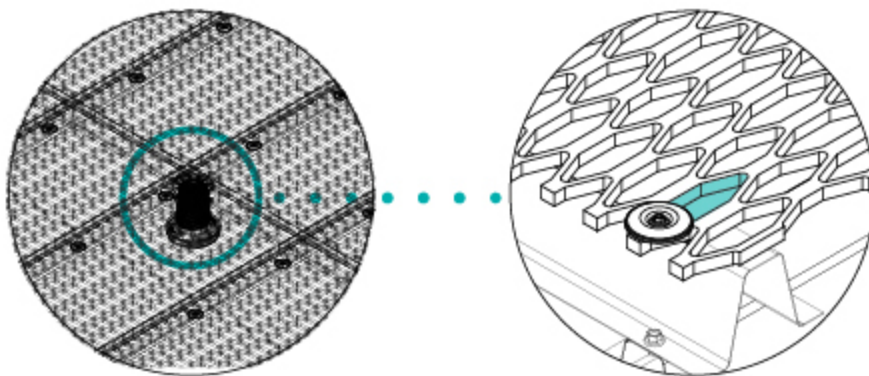
Parts required



Mesh Sheet



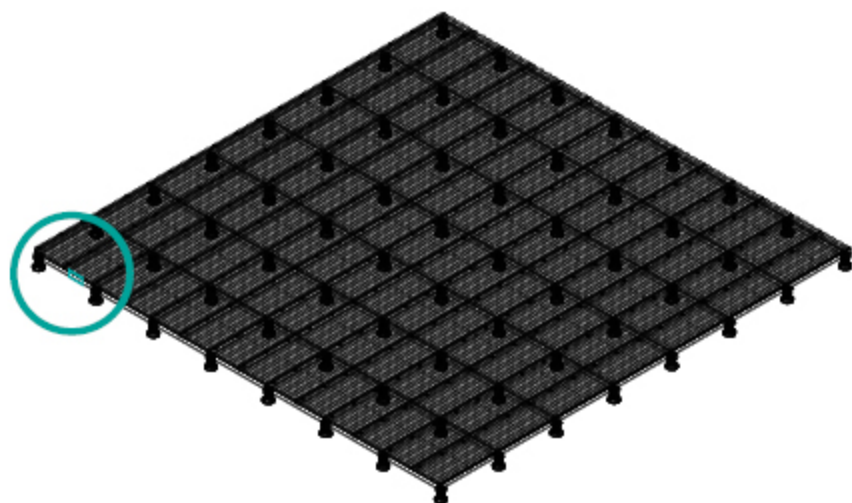
40mm **Screw &**
Hold Down **Disc**



20. Fix down all the sheets of **Mesh** using a **40mm Needle Point Screw** and a **Hold Down Disc** in the second full diamond in from the edge of the sheet of Mesh, where each sheet of Mesh crosses each of the Cross Supports.

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Parts required



Certification Plate



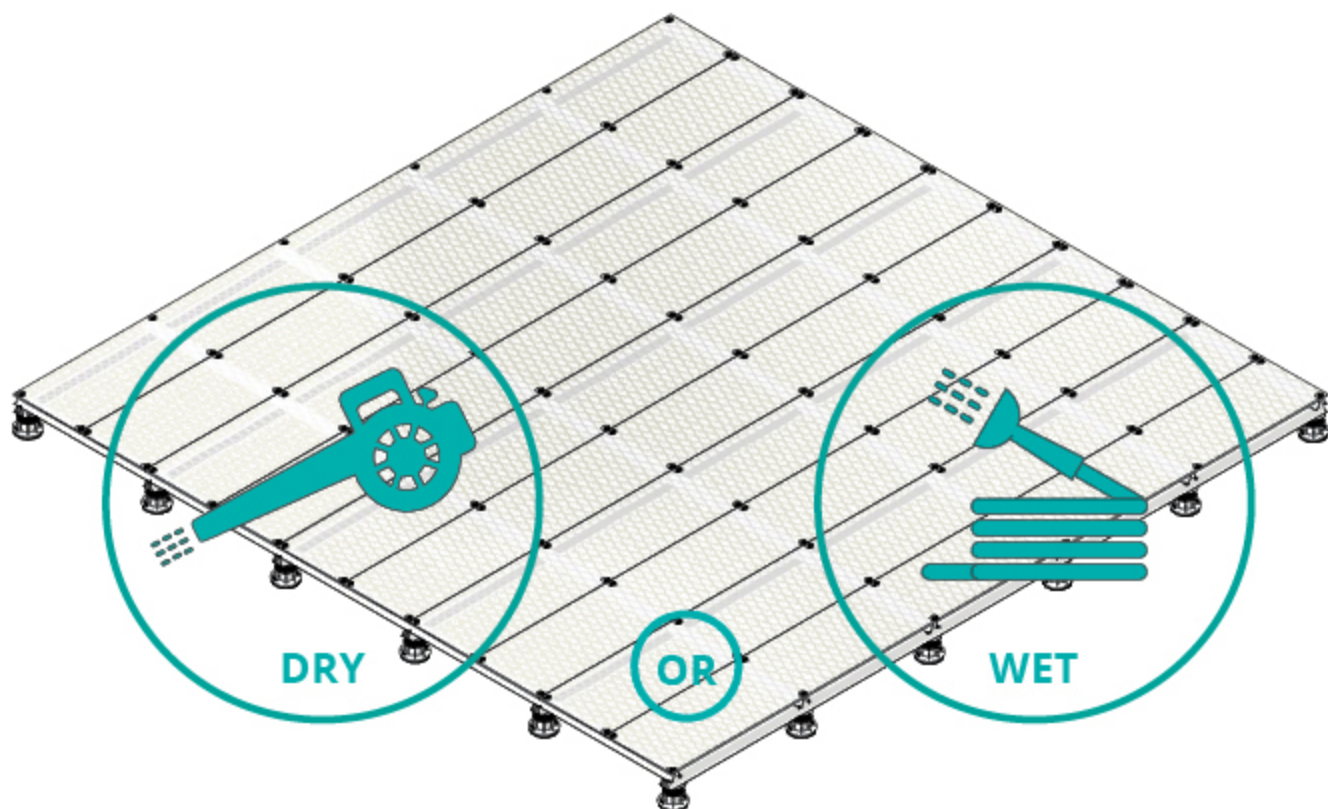
16mm Tek Screws



21. Fix the **Certification Plate** to one of the **Cross Supports** where it can be seen using four x **16mm Tek Screws**.

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22. Clean the roof down well with a petrol blower if the roof is dry or a hose if the roof is wet.



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