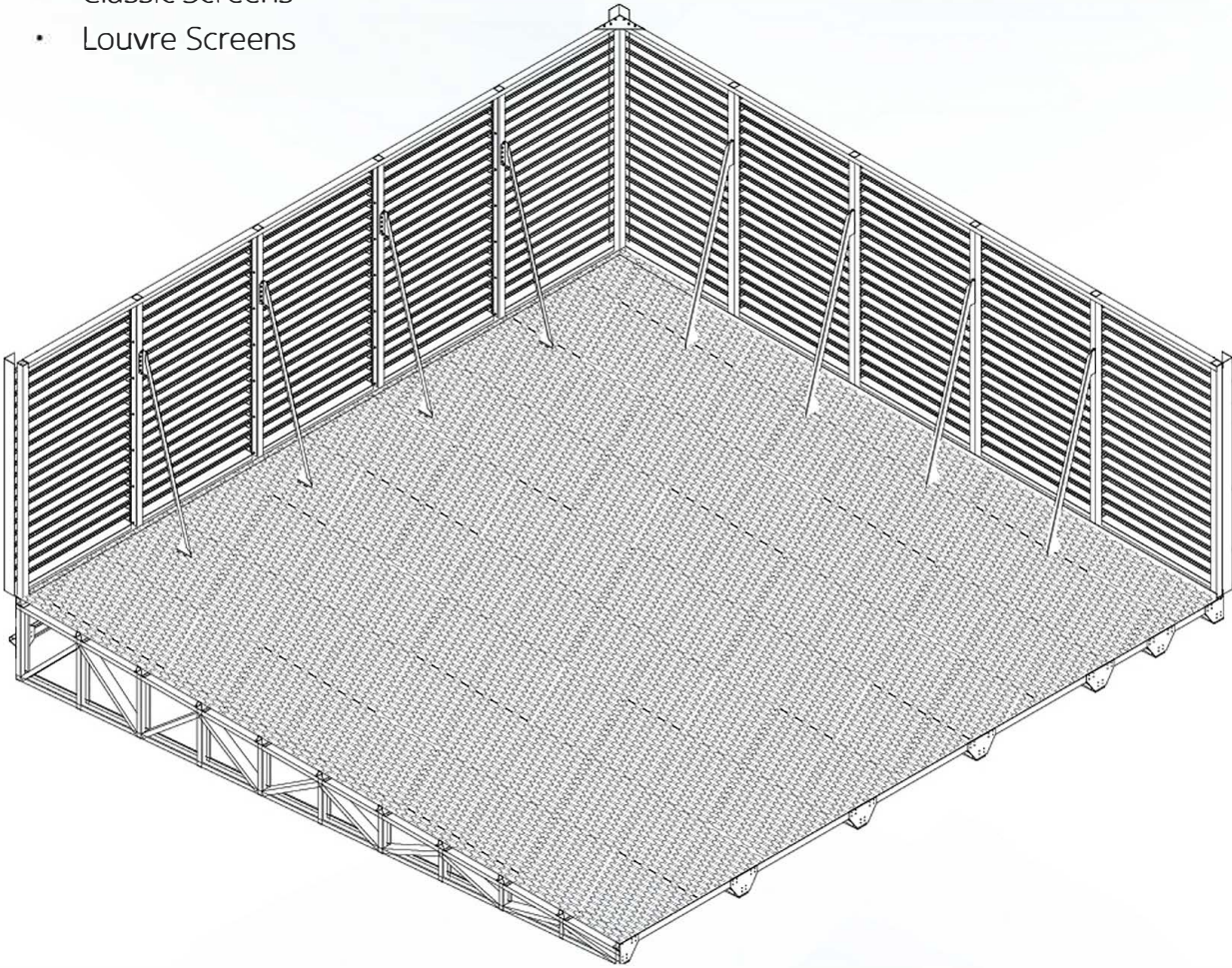


CLASSIC SCREENS

Assembly Instruction Manual

- Post And Rail Frame System
- Classic Screens
- Louvre Screens



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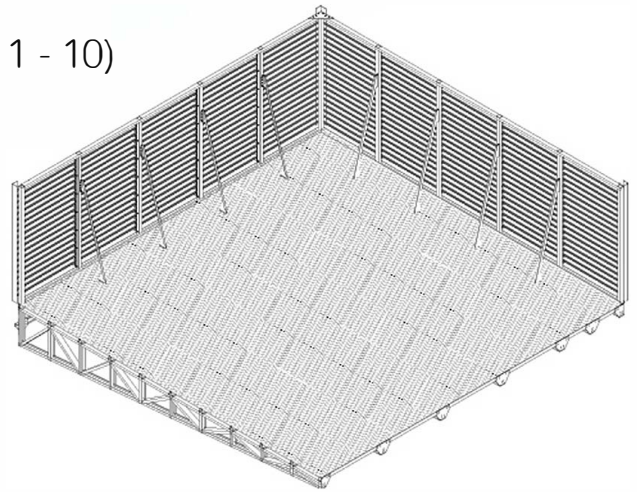
Con-form[®] GROUP

Making it *Easy*

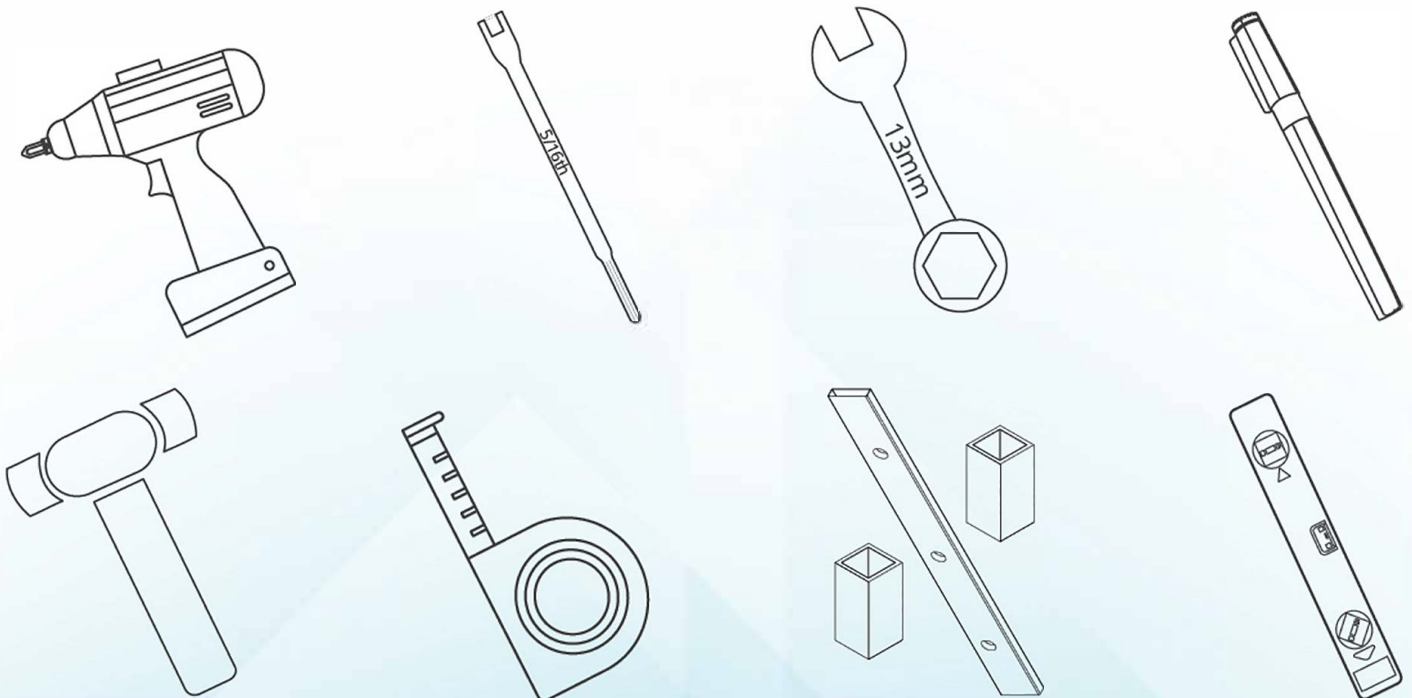
Classic & Louvre Screens Assembly Manual

Contents

- **Post & Rail** Framing System (Refer Steps 1 - 10)
- **Classic** Screens (Refer Steps 11 - 14)
- **Louvre** Screens (Refer Steps 15 - 17)



Tools required



Screen Framing



Screen
Post



Spacer
Angle



Post
Brace



Red
Bracket



Post
Brace Plate



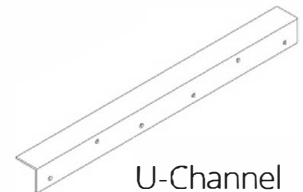
Lower
U-Channel



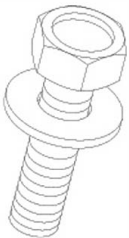
Screen
Door



Upper
U-Channel



U-Channel
Splice



100mm
Bolt Sets
40mm
Bolt Sets

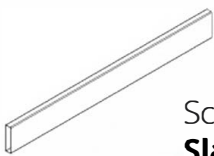


16mm **Tek Screws**
20mm **Tek Screws**
65mm **Tek Screws**



20mm
**Countersunk
Screws**

Classic Screen Slats (Refer Steps 11-14)



Screen
Slat

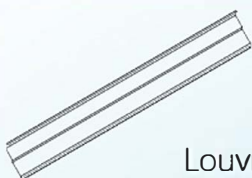


Slat
Splice



Trim
Angle

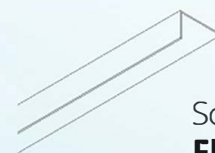
Louvre Screen option (Refer Steps 15-17)



Louvre
Blade



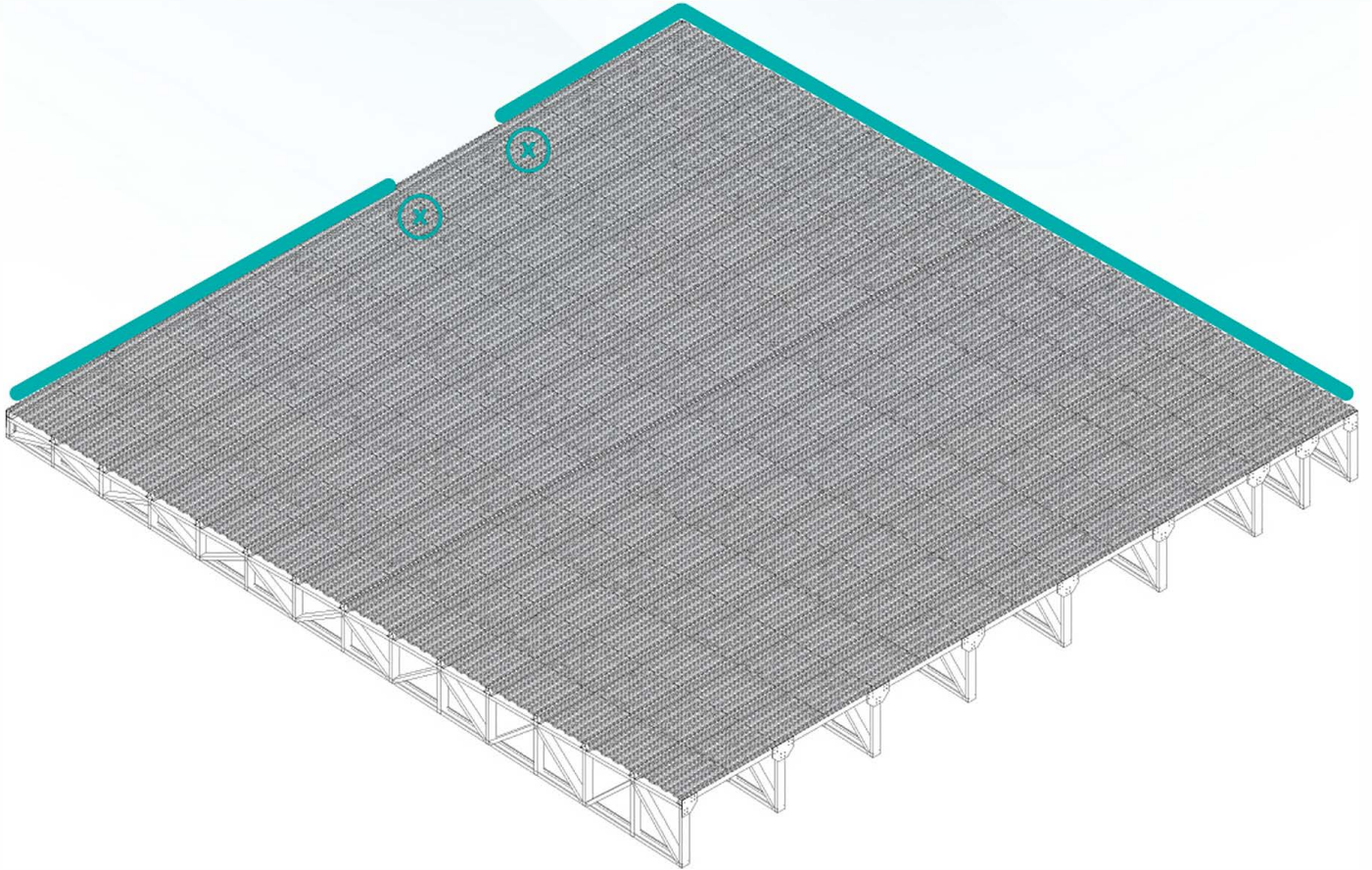
Louvre
Bracket



Screen
Flashing

Assembly

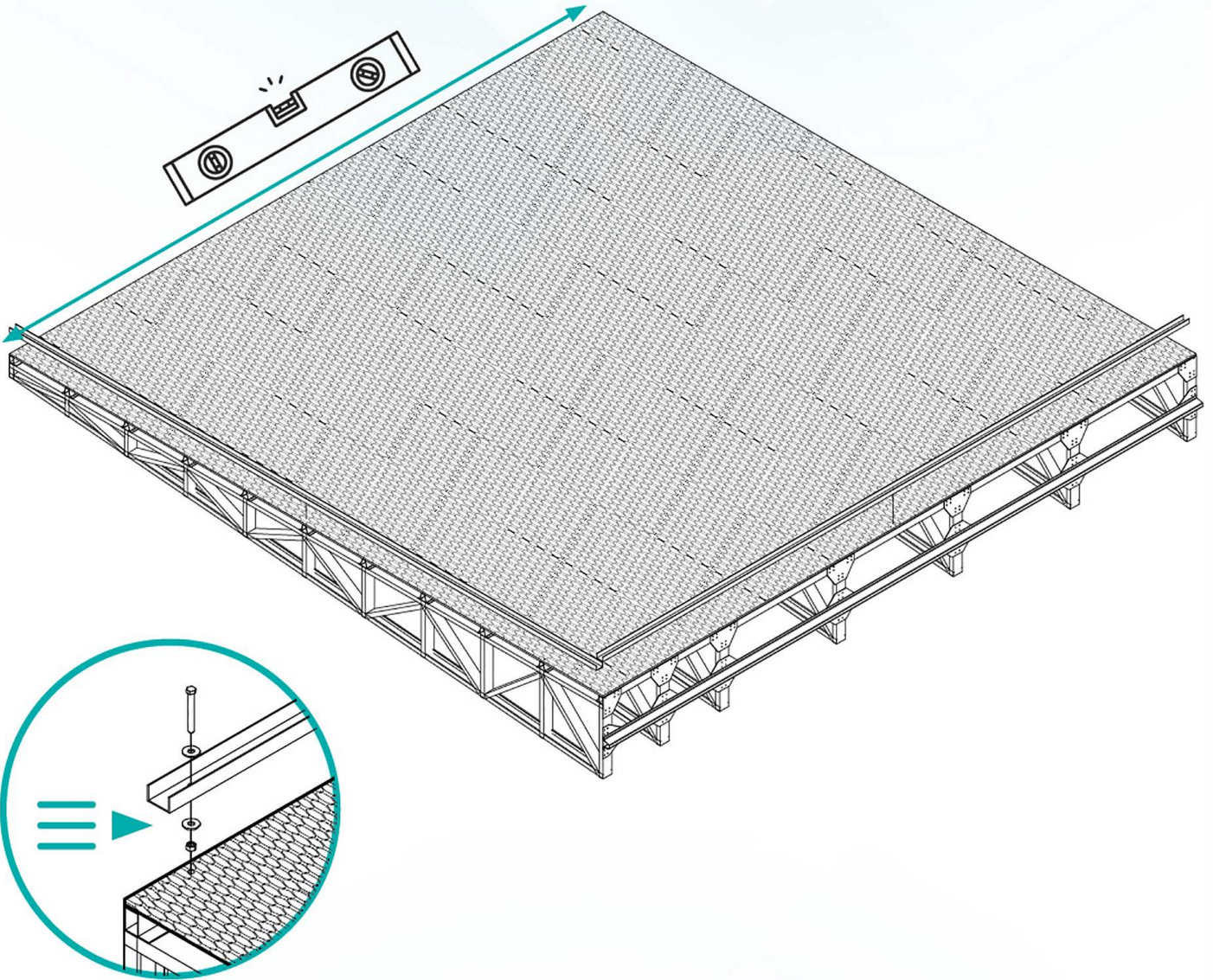
1



Assembly description

1. Establish from your structural drawing which sides the screens will be fitted to. If there are any doors or access gaps, mark the location of the screen ends and gaps on the platform's frame.

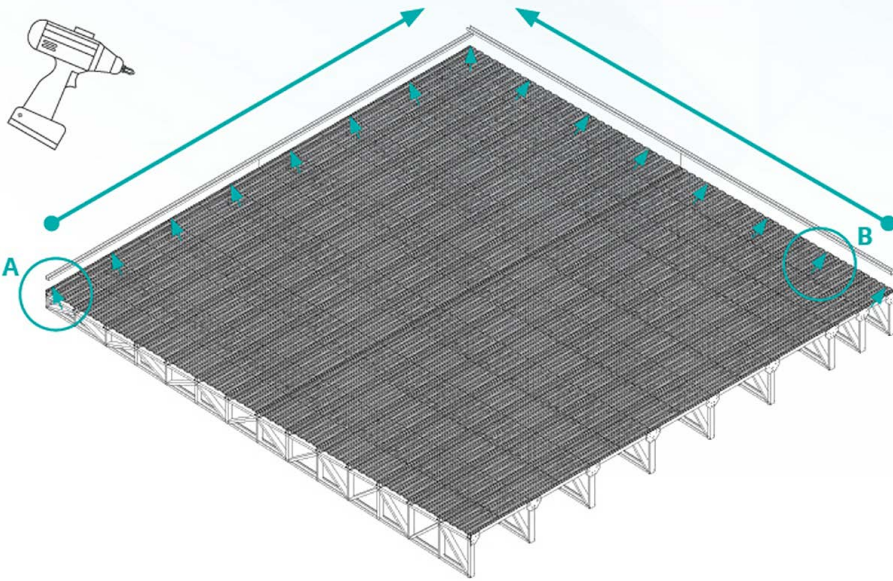
2



Assembly description

2. Lay the Lower U-Channel around the perimeter of your platform to match your system layout design. Check that the U-channel is level by placing a spirit level in the bottom of the channel. If needed, place square washers below the U-Channel to level.

3



Parts required



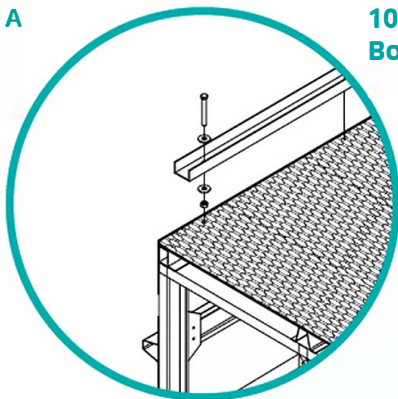
40mm **Bolt**



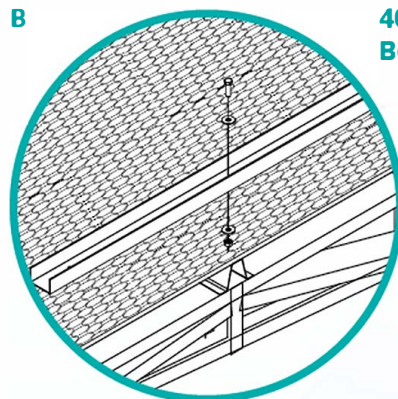
100mm **Bolt**



Lower
U-Channel



100mm
Bolts



40mm
Bolts

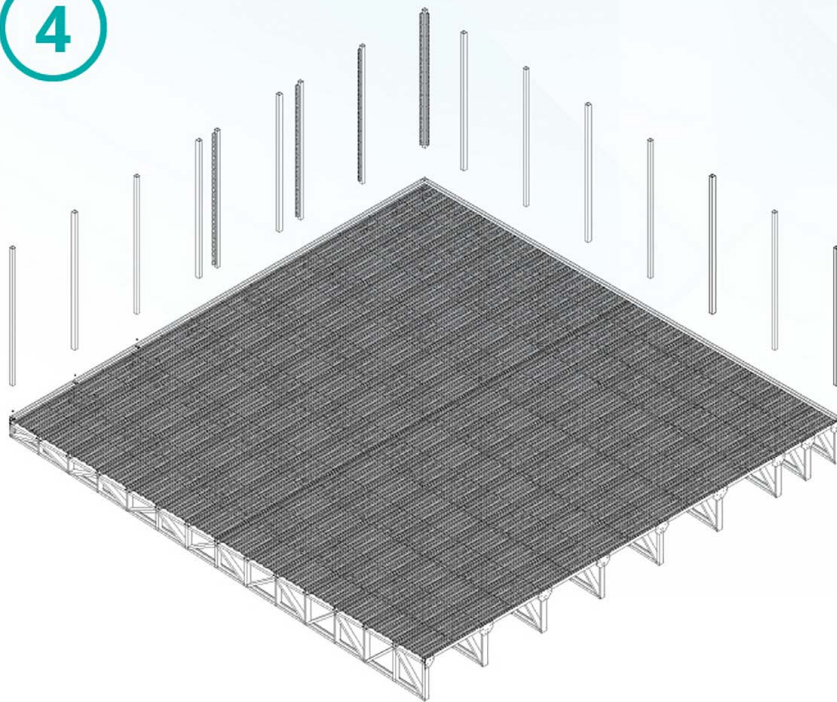
Assembly description

3/a. At the front and back of the platform, drill through the **Lower U-Channel** and the **RHS Cross Supports** at 1200mm centres. Fix the U-Channel to the Cross Supports using **100mm Bolts and Washers**.

3/b. To the sides of the platform, drill through the **Lower U-Channel** and set **Rivnuts** into the **Top Hat Cross Supports** at 1200mm centres.

Fix the U-Channel to the Cross Supports using **40mm Bolts and Washers**.

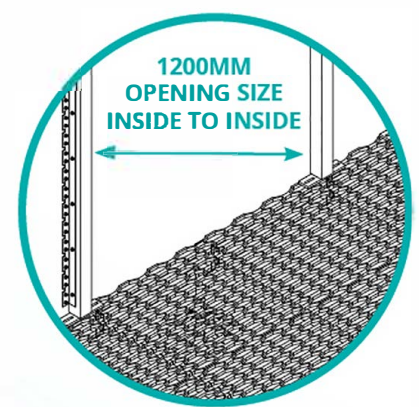
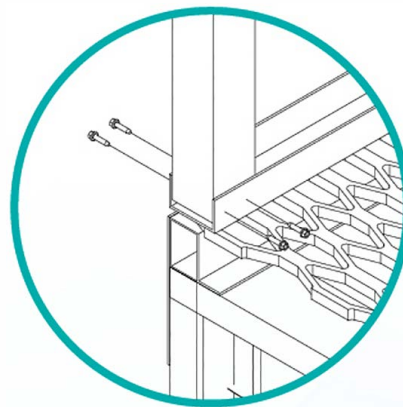
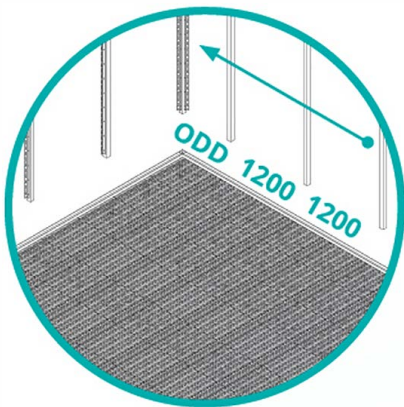
4



Parts required



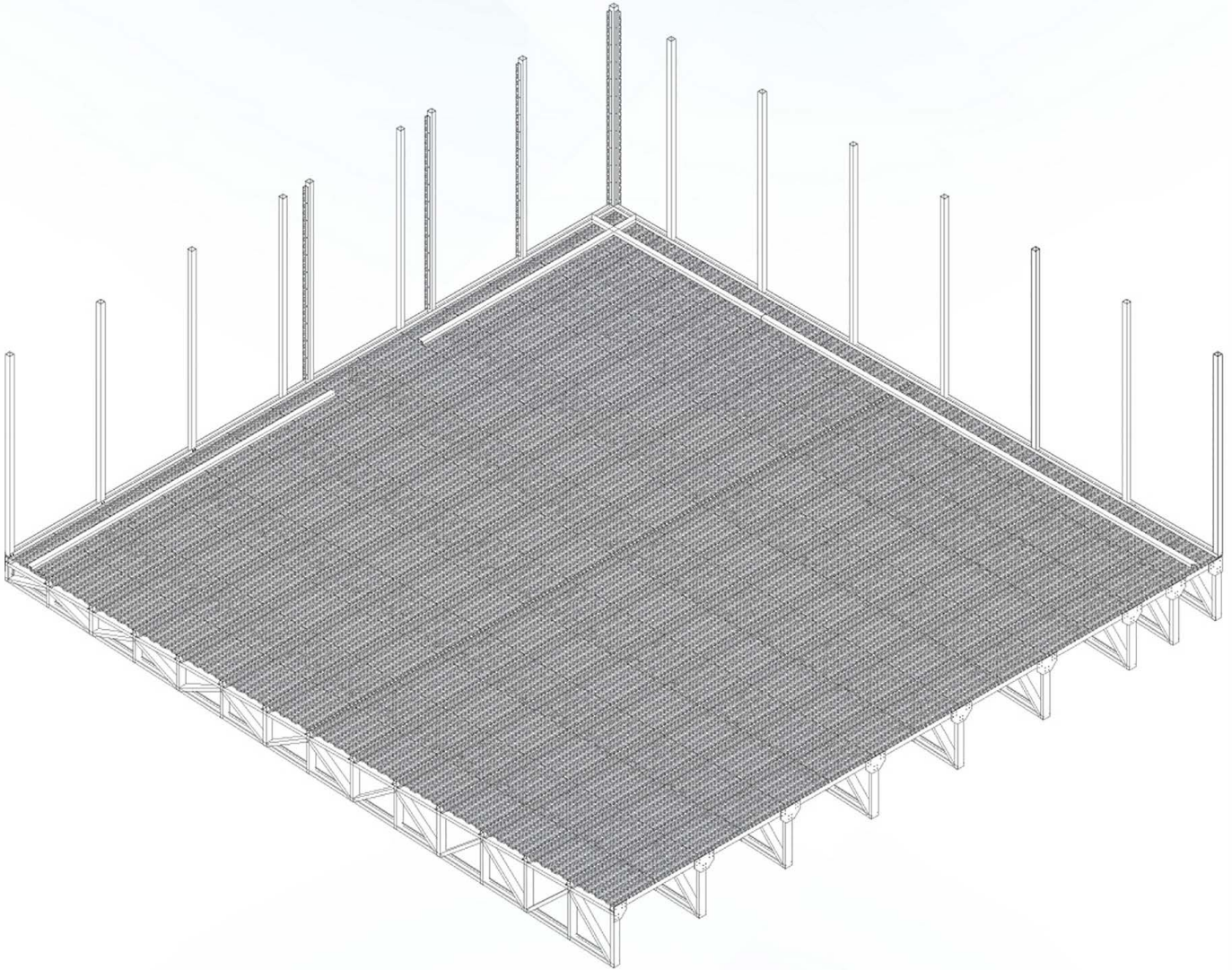
20mm **Teks**



Assembly description

4. Mark the locations of the posts based on the system layout design, working inside the platform from right to left. Standard post spacing is 1257mm centres, leaving an inside gap between the posts of 1200mm.

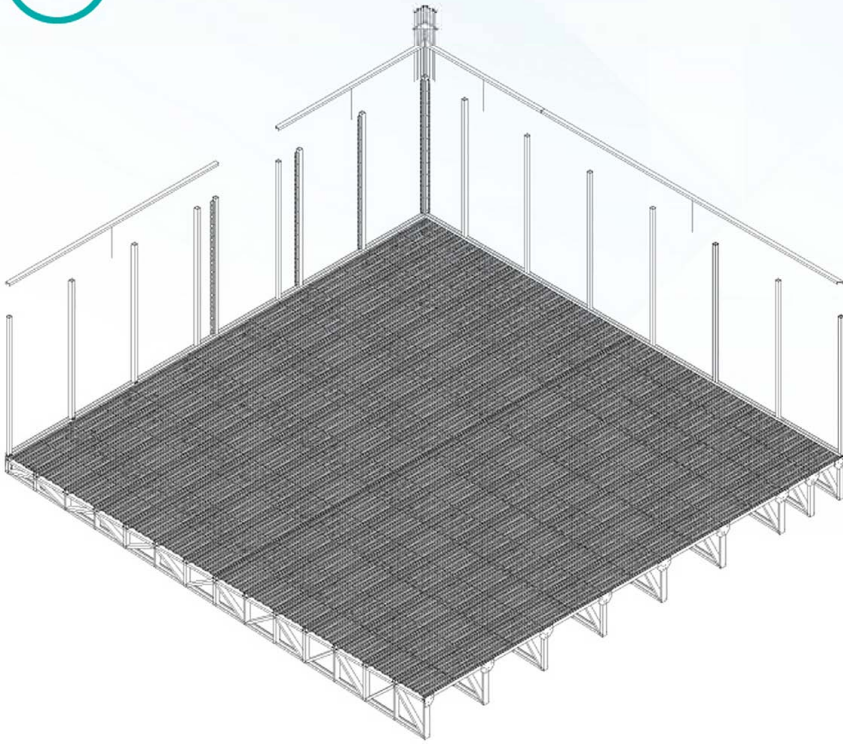
5



Assembly description

5. Establish from your structural drawing where each length of **Upper U-Channel** is used and lay these out in their correct positions on the platform mesh. Note the angle of the mitre and ensure that you have them correctly laid out.

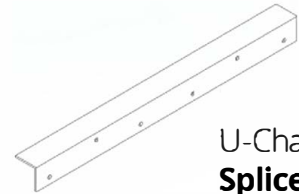
6



Parts required



Upper
U-Channel



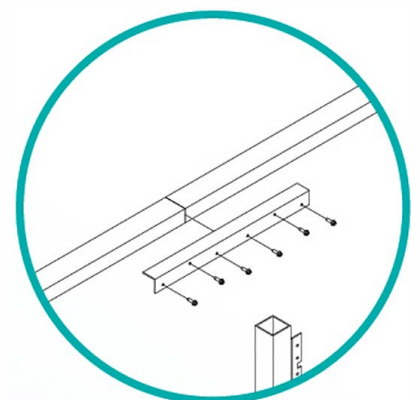
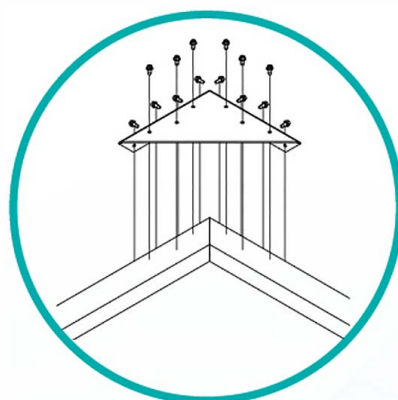
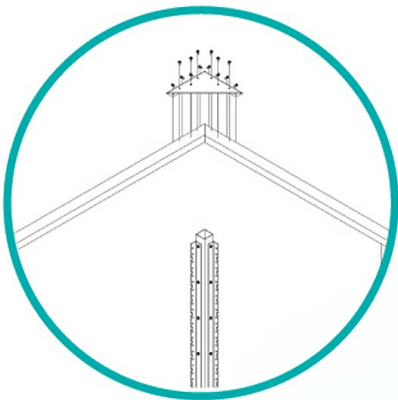
U-Channel
Splice



Red **Bracket**



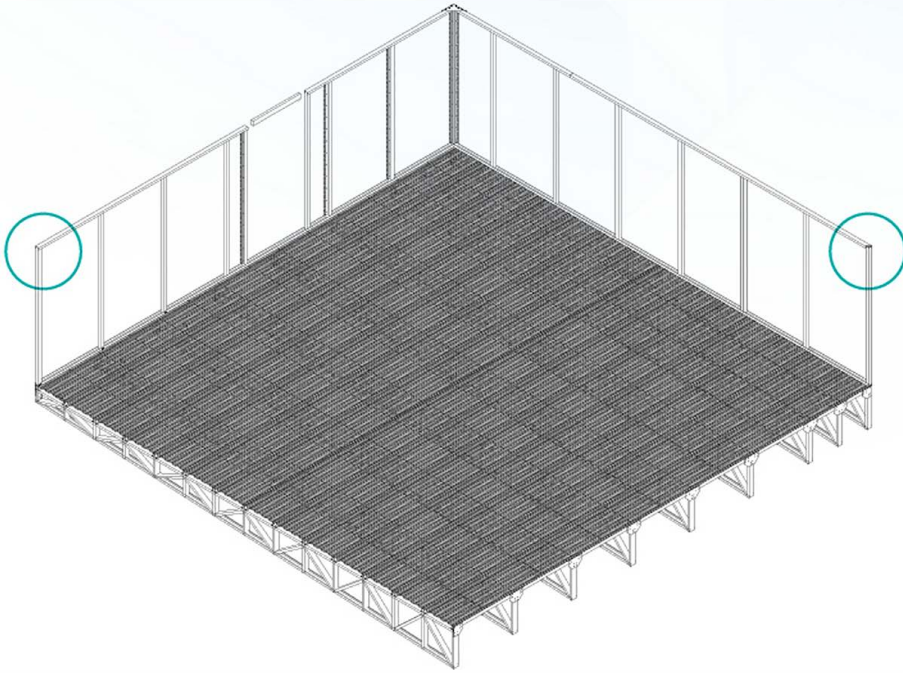
20mm **Tek Screws**



Assembly description

6. Place each length of **U-Channel** over the top of the Posts and fix them together on the corners using the **Red Brackets** and together on the straights using **U-Channel Splices** and **20mm Screws**. Two of the screws on the Red Bracket will go into the Corner Post.

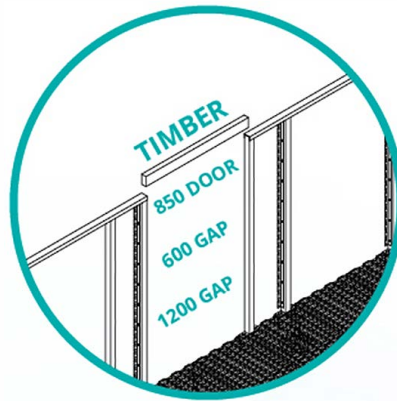
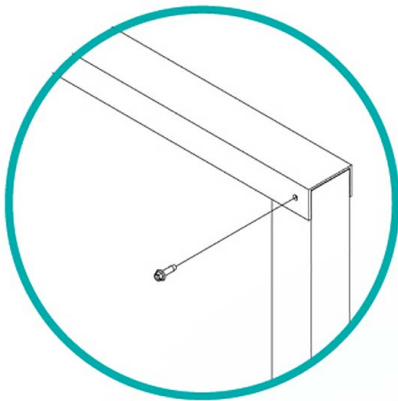
7



Parts required



20mm **Tek Screws**



Assembly description

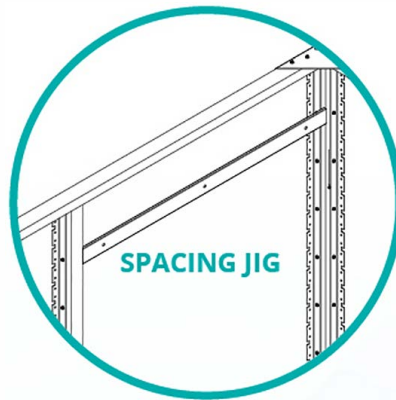
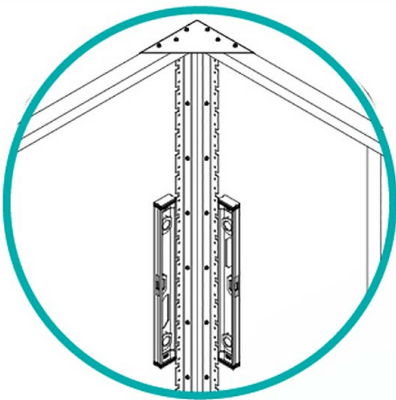
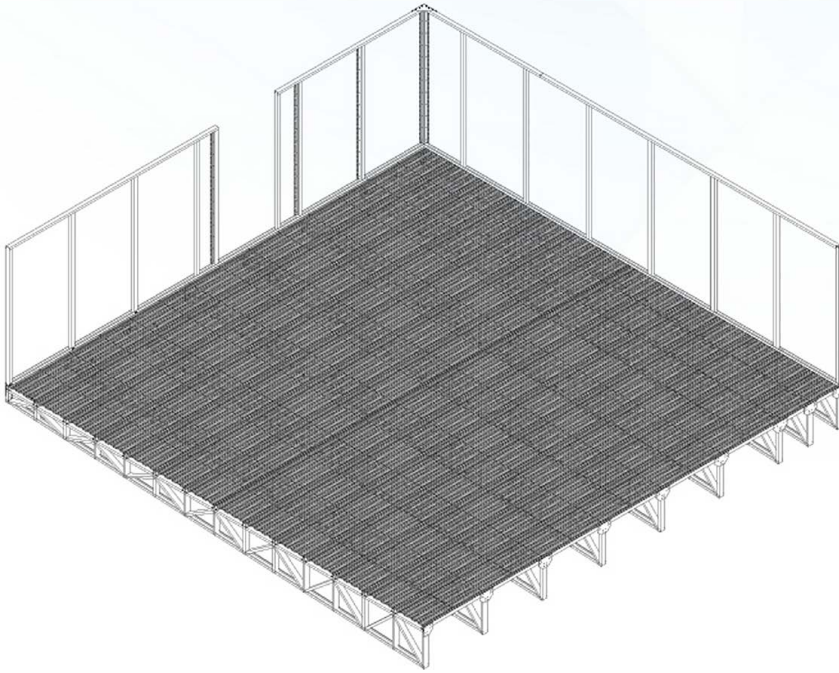
7. Fix the **End Posts** to the **U-Channel** using **20mm screws** (on inside only). If you have an opening, temporarily fix a piece of timber across the top of the opening to hold the adjacent Posts exactly the correct distance apart (600mm, 1200mm etc).

8

Parts required



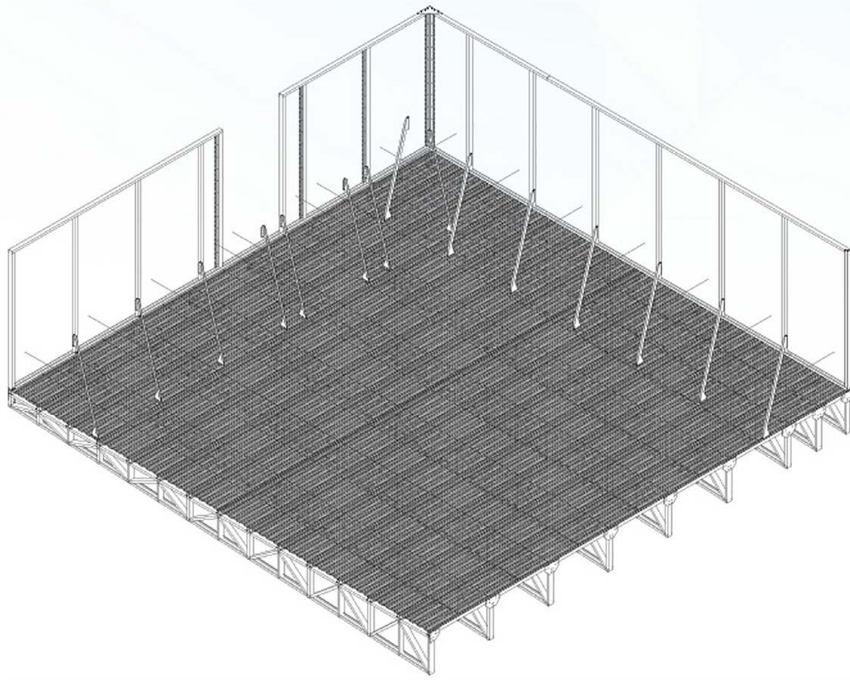
20mm **Tek Screws**



Assembly description

8. Plumb all **Corner Posts** in both directions using a spirit level and then plumb each of the remaining posts using the 1200mm spacing jig between the posts at the top of the posts and fix each post to the U-Channel using **20mm screws** on the inside only.

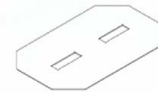
9



Parts required



Post **Brace**



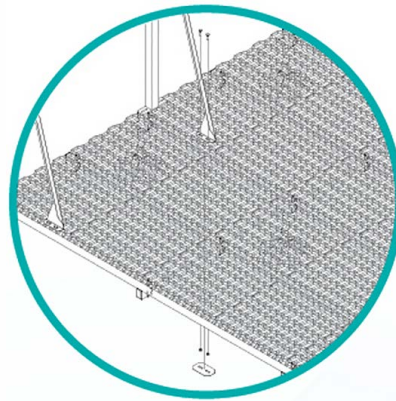
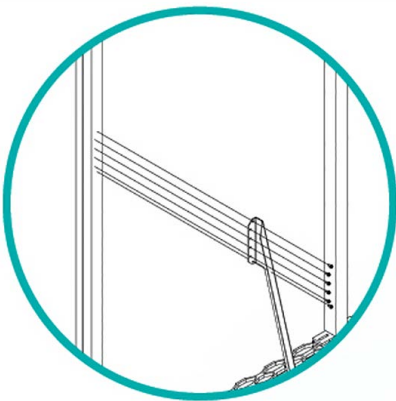
Post **Brace Plate**



20mm **Tek Screws**



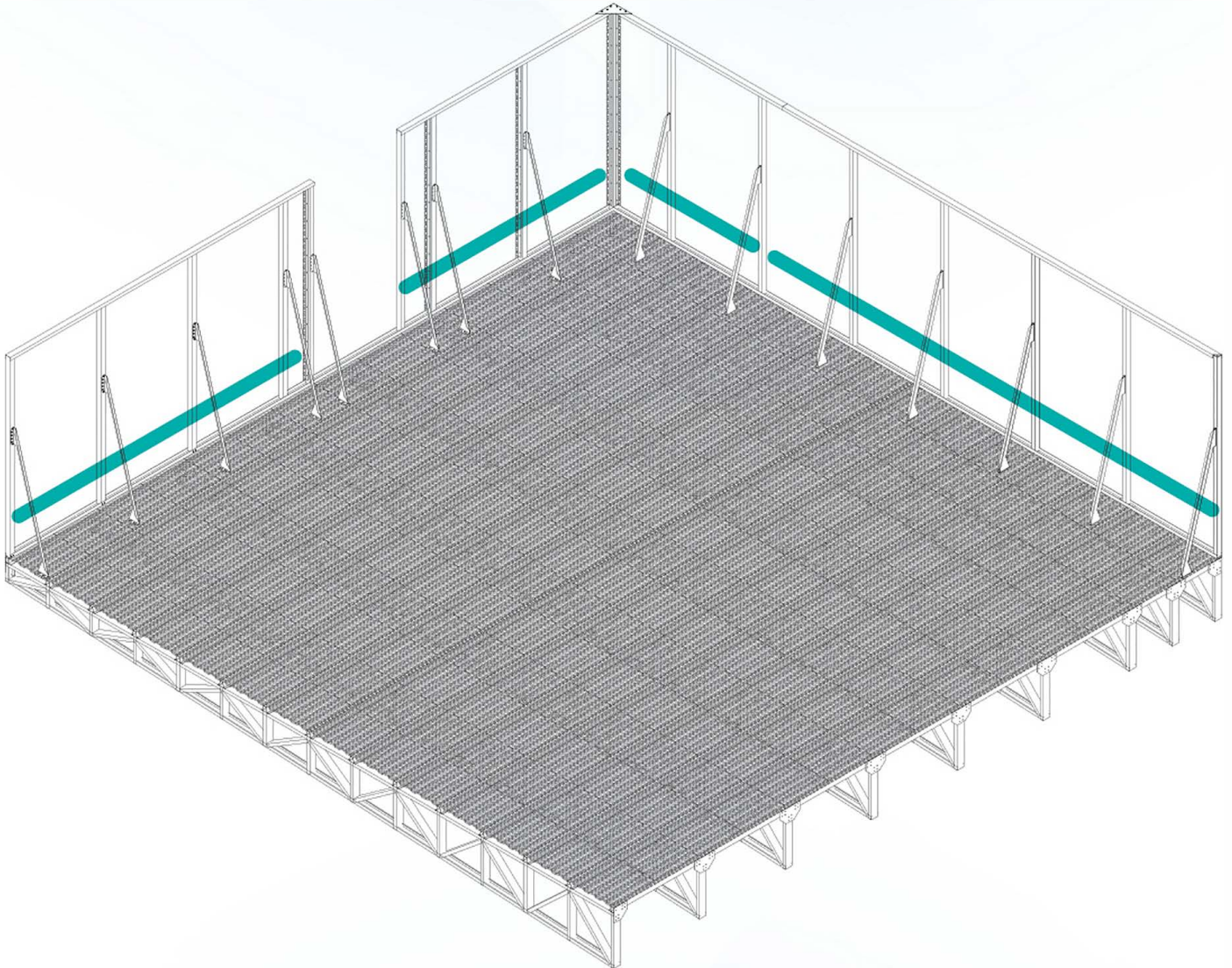
40mm **Bolt Sets**



Assembly description

9. Fix a **Post Brace** to each of the Posts except the Corner Posts, using **20mm screws** to the Post and **40mm Bolts** and a **Post Brace Plate** through the Mesh. Ensure that the posts are plumb and the U-Channel is straight along each of the sides before tightening the bolts.

10

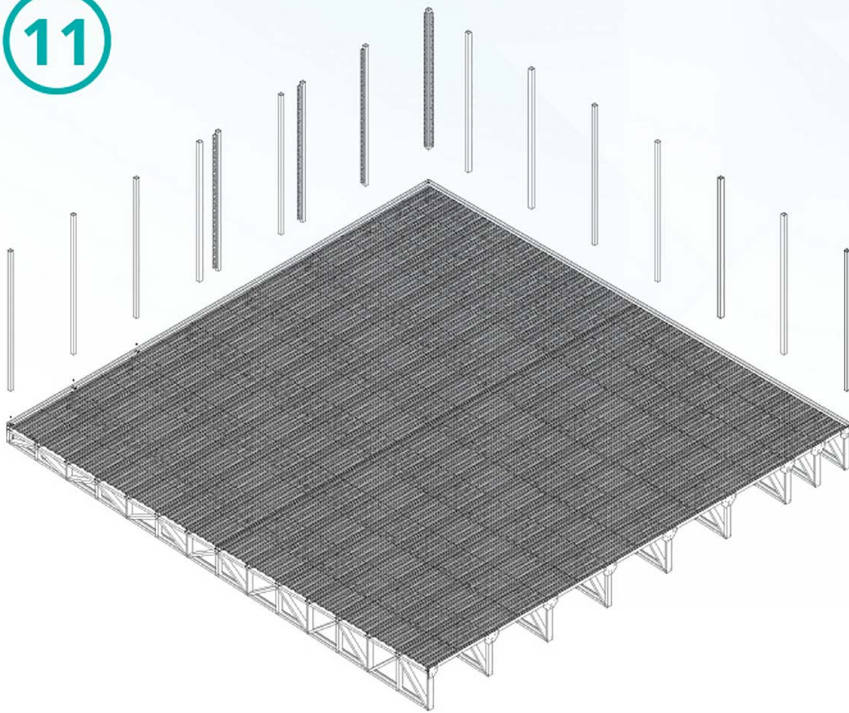


Assembly description

10. Establish from your structural drawing where each length of **Slat or Louvre** is used and lay these out in their correct positions around the outside of the platform. Put them neatly in piles close to the sides of the platform and take care not to damage the powder coating.

Classic Screen

11



Parts required



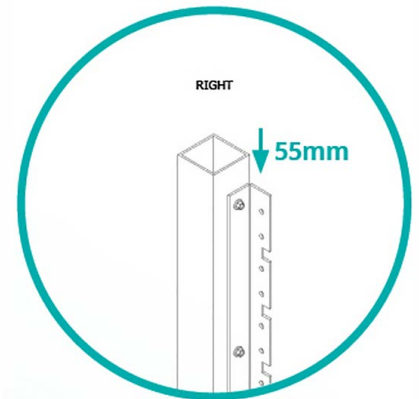
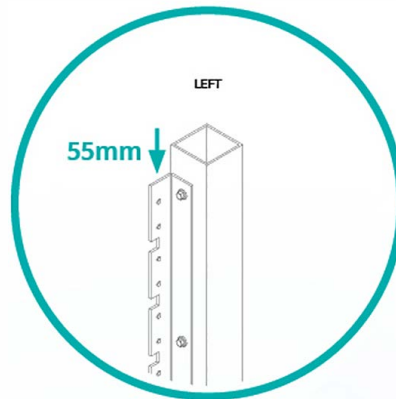
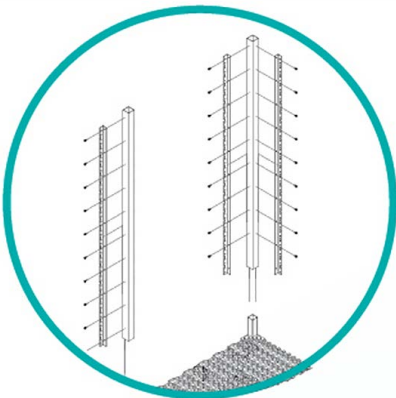
Screen
Post



Spacer
Angle



20mm **Tek Screws**

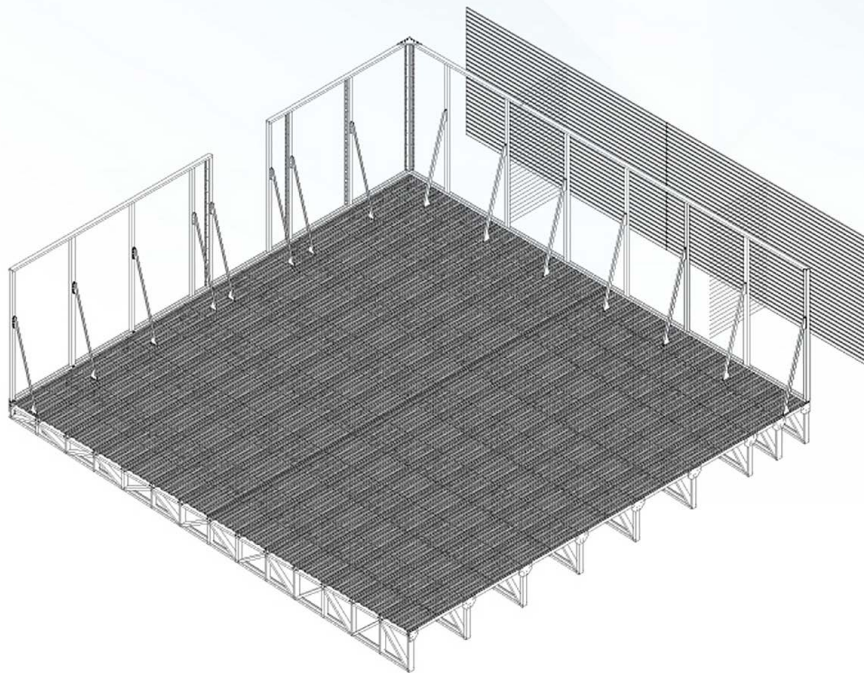


Assembly description

11. Fix **Spacer Angles** to the **Posts** using **20mm screws**. Spacer Angles are fixed 55mm down from the top of the Post and flush with the face of the Post. Corner Posts have two spacer angles. Internal Posts are prepared by fixing a Spacer Angle to the left hand side of the Post. **Exception;** Posts to the left of each opening are prepared by fixing a Spacer Angle to the right hand side of the Post. **Leave** bottom screw out of each Spacer Angle to later mount to Post Feet.

Classic Screens

12



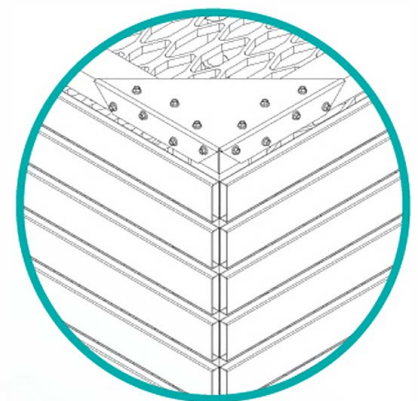
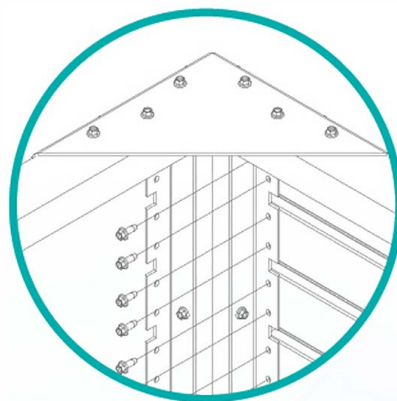
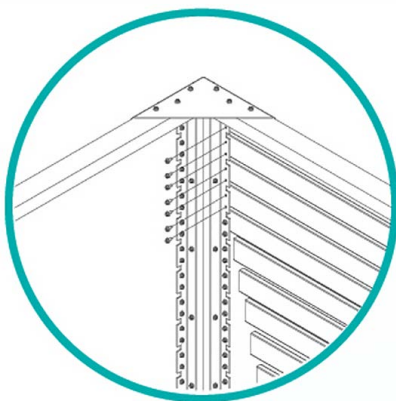
Parts required



Screen **Slat**



16mm **Tek Screws**

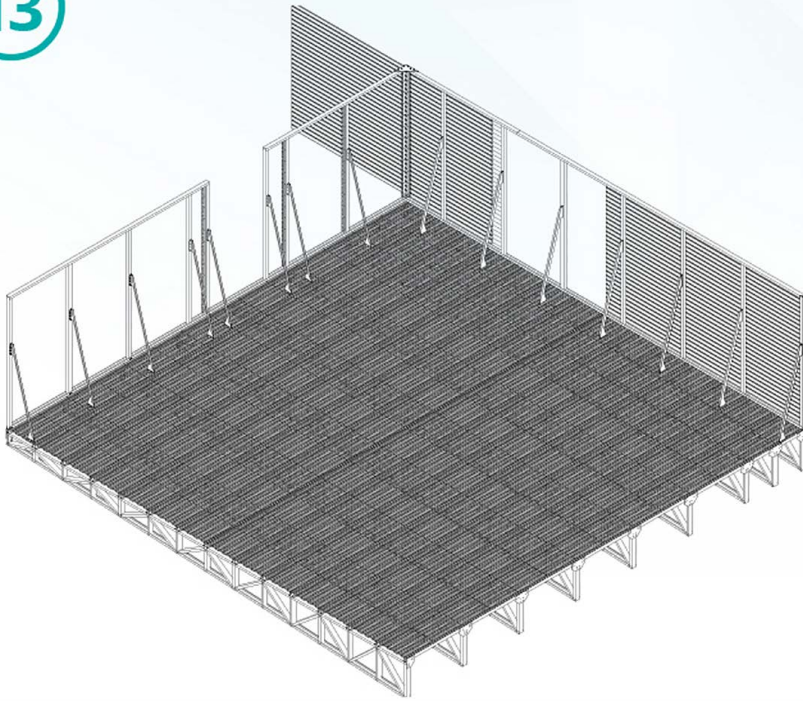


Assembly description

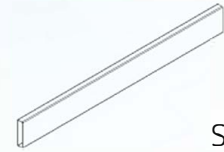
12. Begin at a corner and fix the Slats to the Spacer Angles using **16mm screws**. Working from the top slat down, keep each slat flush with the outside of the Corner Post. For this process, it is best to have one person outside the platform passing the slats to two people inside the platform taking and screwing them in to position. **Warning – don't use 20mm screws as they will penetrate the front of the slat.**

Classic Screens

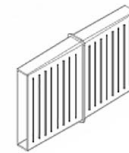
13



Parts required



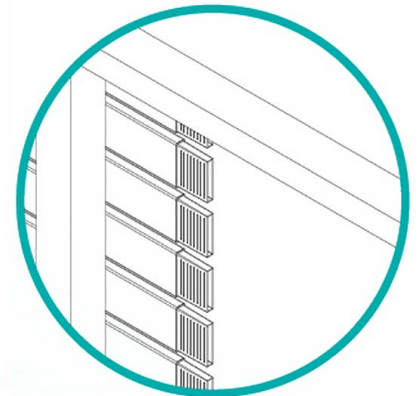
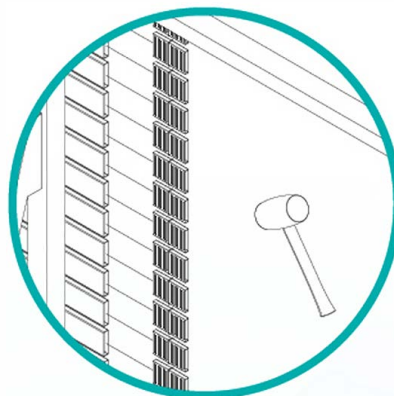
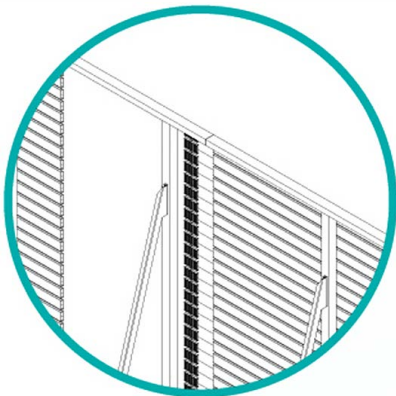
Screen **Slat**



Slat **Splice**



16mm **Tek Screws**

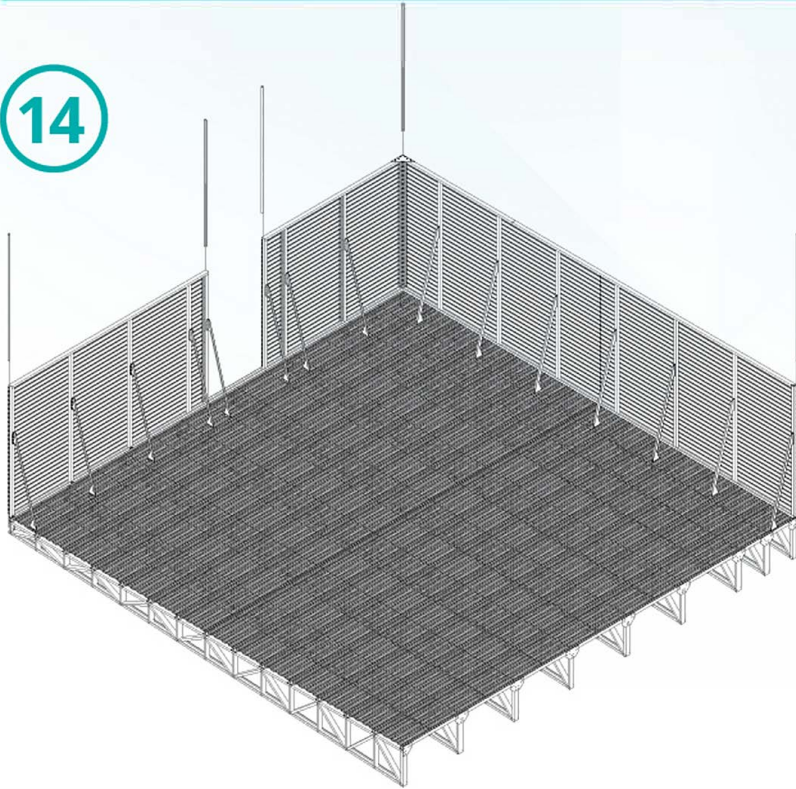


Assembly description

13. If any sides of the platform are longer than 6000mm, there will be extra lengths of slat for these sides. Using a rubber mallet, gently tap the **Slat Splices** into the open ends of the slats that are already fixed in place, and then to fix the next row of slats in place tap each slat over the Slat Splices as you go and fix them in place with **16mm screws**.

Classic Screens

14



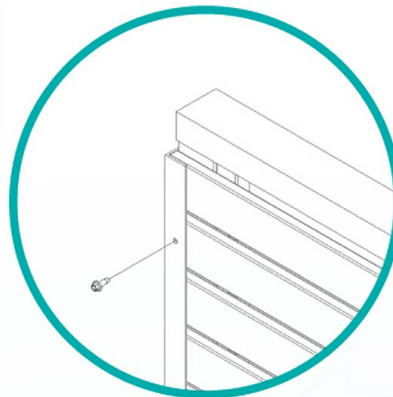
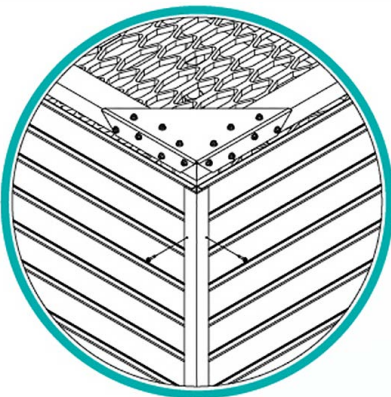
Parts required



Trim **Angles**



16mm **Tek Screws**



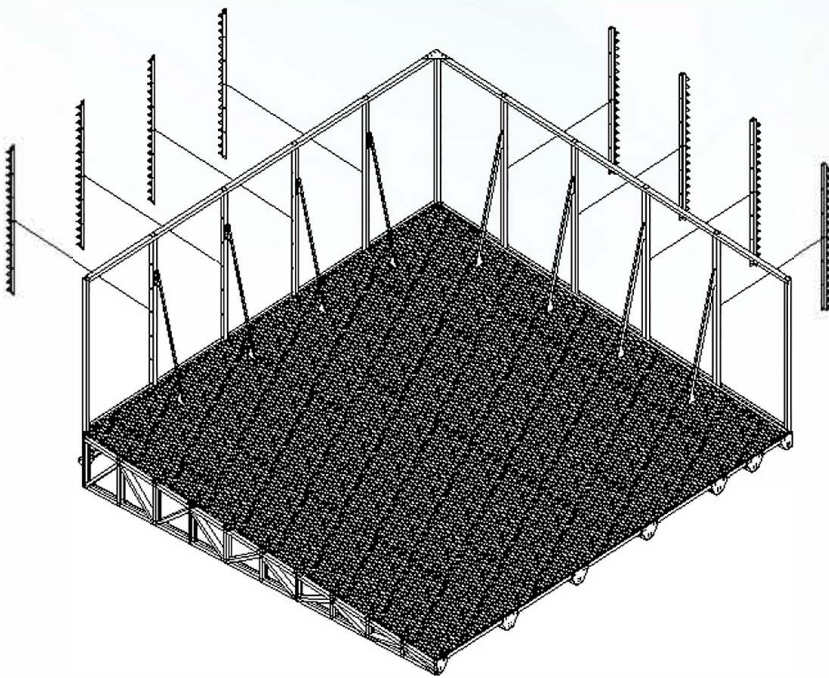
External/ Internal
Opening Edge

Assembly description

14. Once all the slats are in place, fix the **Trim Angles** to each external corner and to each external and internal opening edge using **16mm screws**.

Louvre Screens

15



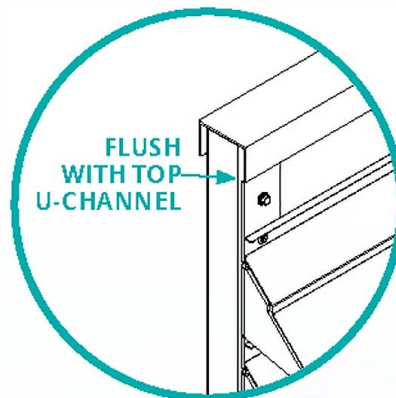
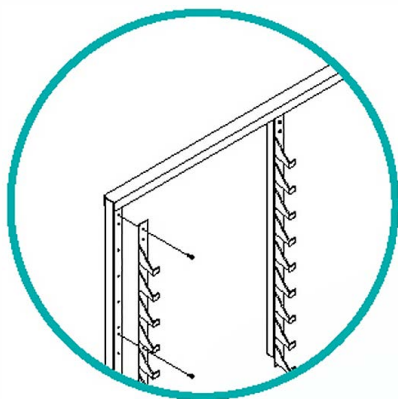
Parts required



Louvre
Spacer Angle



20mm **Tek Screws**

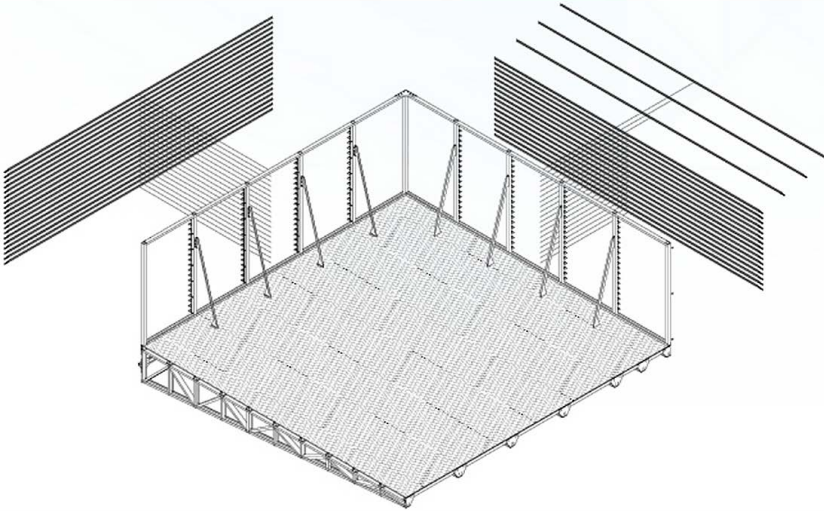


Assembly description

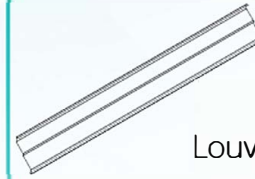
15. Fix the **Louvre Spacer Angle** to the Screen Posts using four x **20mm Tek Screws**.

Louvre Screens

16



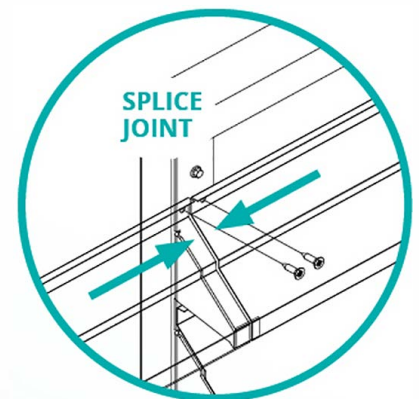
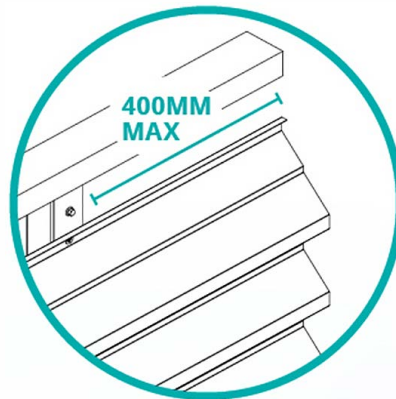
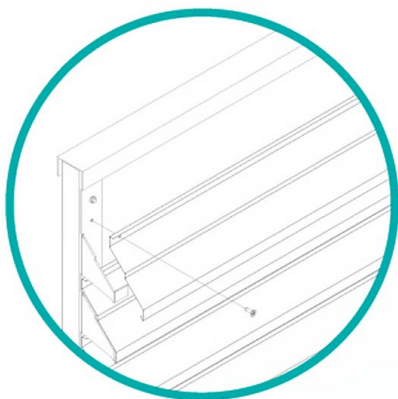
Parts required



Louvre **Blade**



Countersunk **Screws**

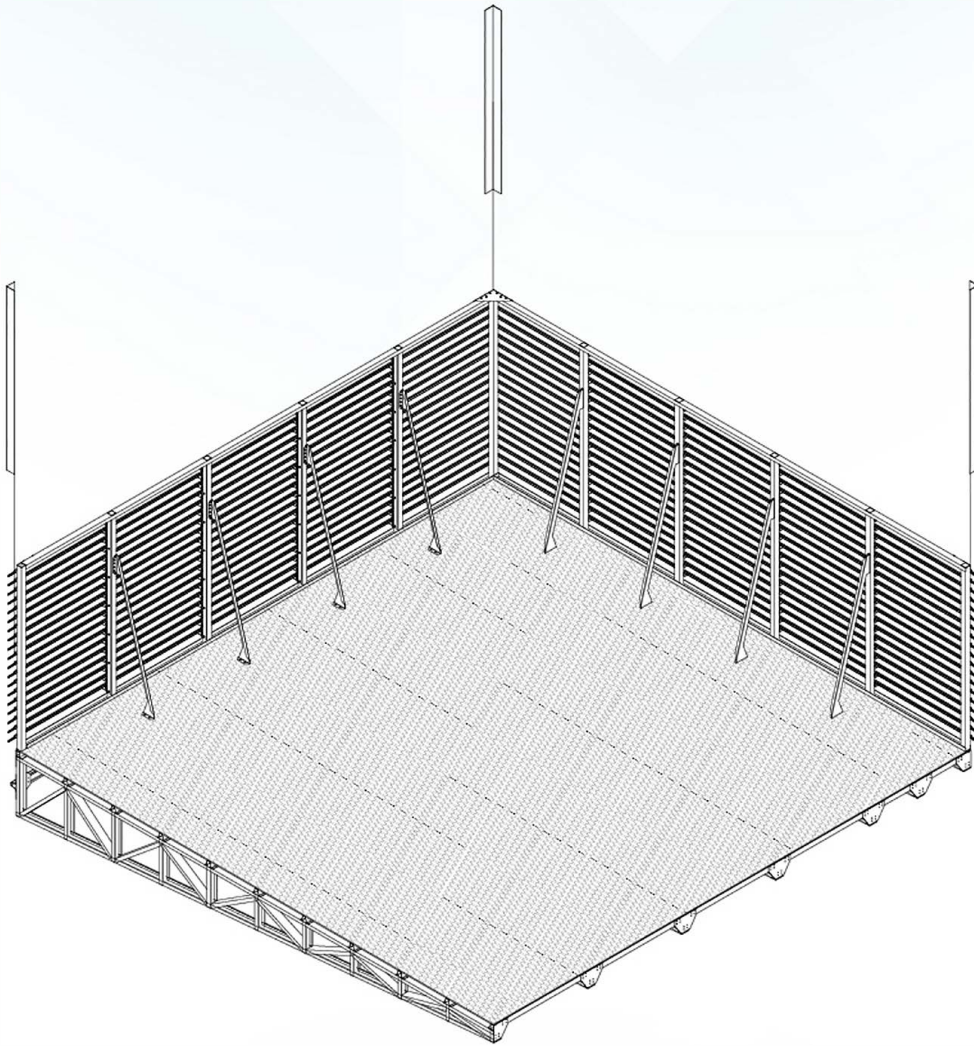


Assembly description

16. Fix the **Louvre Blades** to the Louvre bracket using **Countersunk Screws** through into the post. **Fix** blade at **every Bracket**. Note: maximum cantilever of screen from the post shall be no greater than 400mm.

Louvre Screens

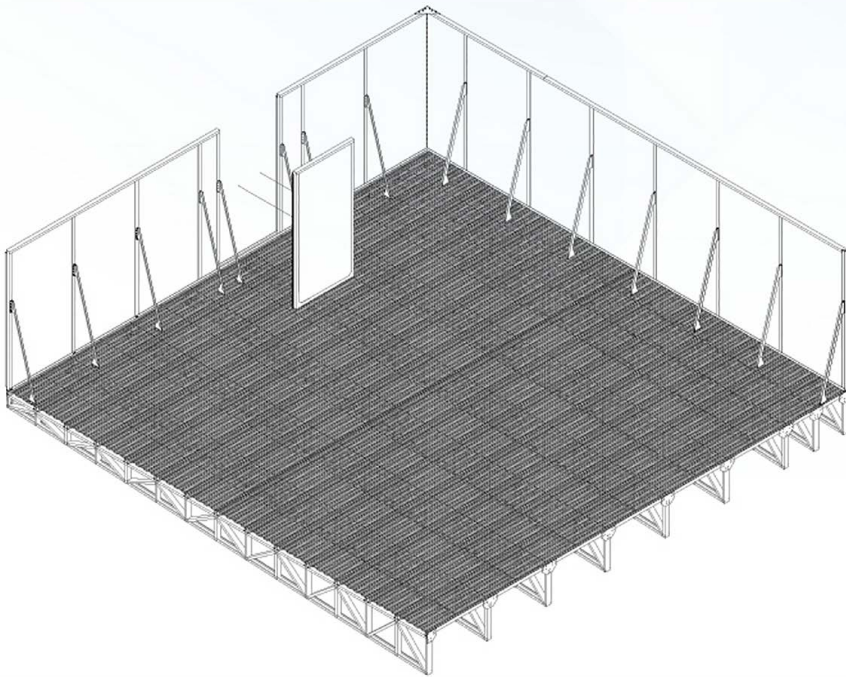
17



Assembly description

17. Finish the screen by screwing the **Corner Flashing** to the cartridges using **16mm Tek Screws** at 1800mm centres.

18



Parts required



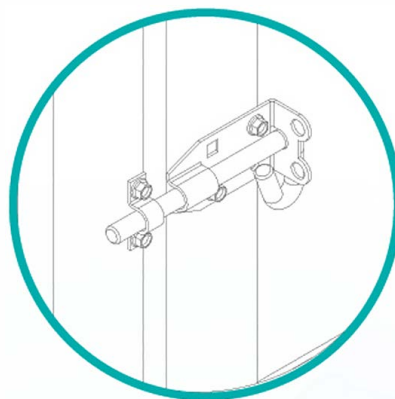
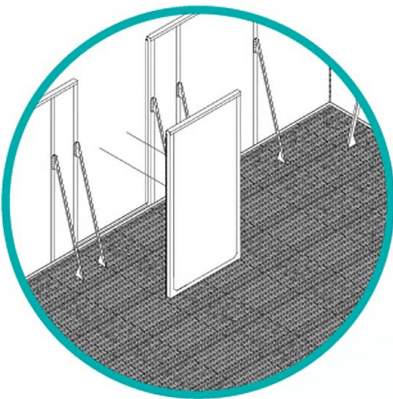
Door



20mm **Tek Screws**



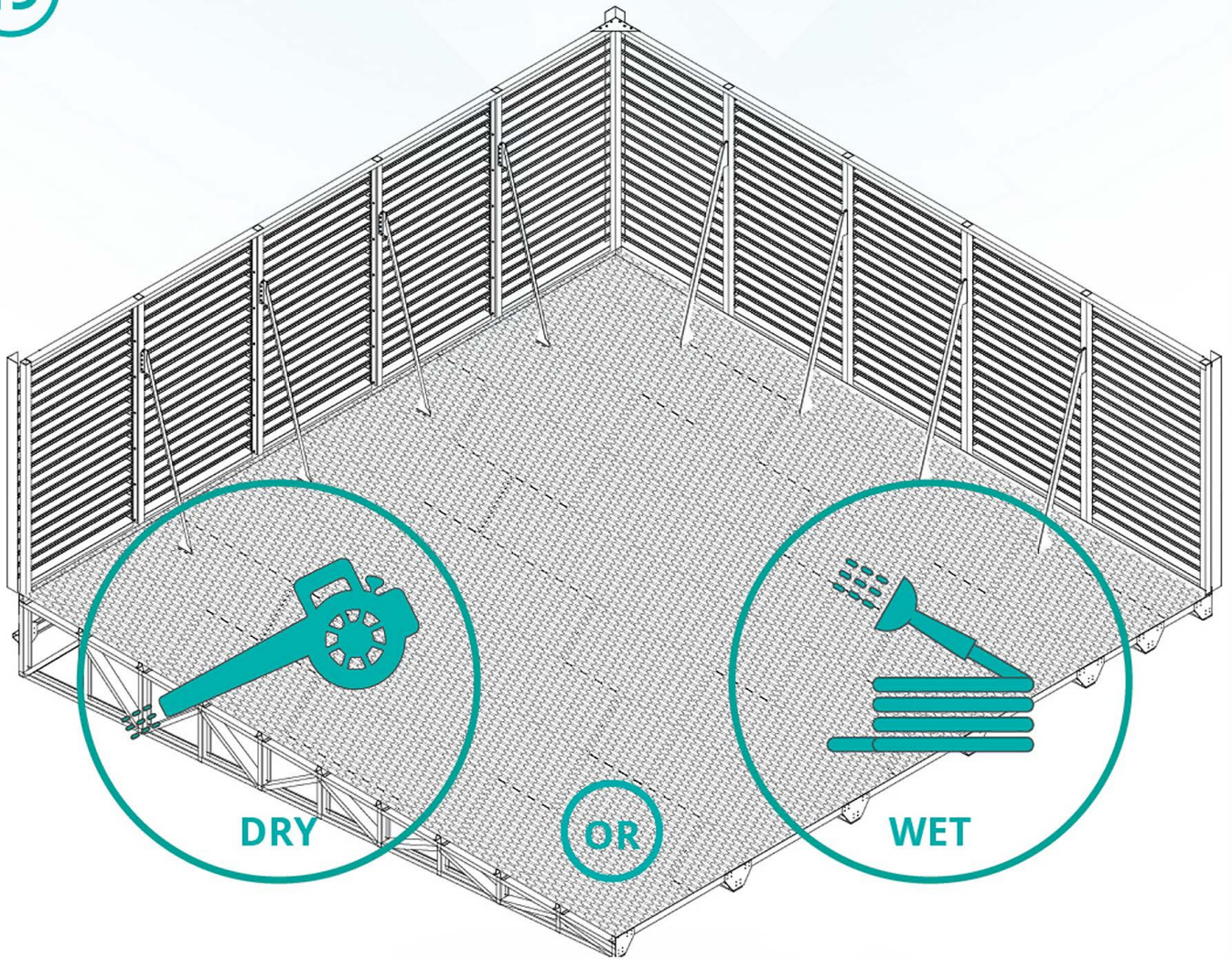
Pad Bolt



Assembly description

18. Doors will be supplied ready-made in their jamb. Fix the door in place through the jamb to the **Post** using **20mm screws**, ensuring that the door opens inwards. If supplied, fix the pad bolts on the outside of the door using 20mm screws so the door can be latched or locked in the closed position. **Note:** For **Door & Post Positions**, refer to project specific **Shop Drawing**.

19



Assembly description

19. If the roof is dry, use a petrol blower to clean it down. If it is wet use a hose.

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