

Artificial Grass for Sports

Installation Guide

1. The ground base acceptance check

- ✓ Make sure the ground base is smooth and clean enough to receive the grass, with the ground flatness $\leq 3-5\text{mm}$ by 3M RULER and the drainage slope $\leq 0.7\%$. Meanwhile, the water thickness is $\leq 4\text{mm}$ after 2 hours of the rain.



2. Prepare the installation accessories

- ✓ Seaming tape, installation glue, rubber granules / EPDM, etc.



3. Imply the setting-out

- ✓ Measure the field size and confirm the field center point, center points of the two half circle.
- ✓ Imply the setting-out based on the above three points, mark the field center line by the chalk line, and site boundary lines.



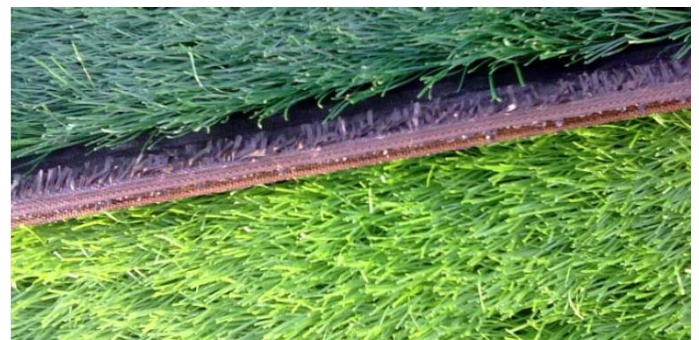
4. Spread the grass rolls by the design drawing.

- ✓ 100% same with the design drawing, the function points in the right places, and the grass fibers in the same direction.



5. Fix the roll joints

- ✓ Cut the edges of the rolls.
- ✓ Brush the glue on the backing of the joint parts.
- ✓ Put the seaming tape in place, and spread the glue evenly on the tape.
- ✓ Stick the seam tape and the backing and press them tightly.
- ✓ 50m joint length needs 11kg glue.





- 6. Fix the function lines / marking lines**
- ✓ Cut the right length and width of the grass according to the design drawing for the marking lines.
 - ✓ Put the lines in place, and fix them with the glue as the above for the joints.



- 7. Infill the sand**
- ✓ 4m * 4m as a unit. And spread the sand evenly according to the quantity for 1sqm.



- 8. Level the sand infill**
- ✓ Comb the grass with the combing machine vertically and horizontally.
 - ✓ Please make sure the grass surface is consistent, with a uniform look.



- 9. Add rubber granule infill**
- ✓ 4m * 4m as a working unit. And spread the rubber granules evenly according to the quantity for 1sqm.





10. Level the rubber granules

- ✓ Comb the grass with the combing machine again vertically and horizontally. Over 3 times. To make sure the rubber granules are well spread in the fibers, with the consistent grass surface and the uniform look.



11. Clean the field

12. Complementation acceptance

- ✓ Double check the whole project, and make sure the following are well done.
- ✓ A uniform color for both the green grass and the marking lines, without any color stripes;
- ✓ All the grass rolls, the markings in the right places;
- ✓ The seaming are good enough and very tight;
- ✓ The sand and rubber granules are even enough without the obvious height difference.