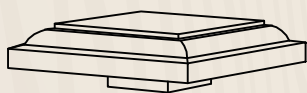


6.Railing Installation Guide

In accordance with many of the problems and difficulties existing in practice of the installation,we summarize a set of more convenient installation procedures,which can save time and ensure construction technology.We have a variety of styles for your choice,take the following one for example.

1.Need material

structural section:post,handrail,vertical bar,post cap,post skirt,end cap

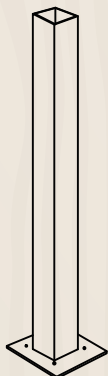


WPC.Post Cap

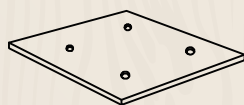


WPC.Tenon

Complementary material:square tube, built-in fitting,tainless steel inflation screw, stainless steel self-tapping screws,antirusting paint.



Reingforcement



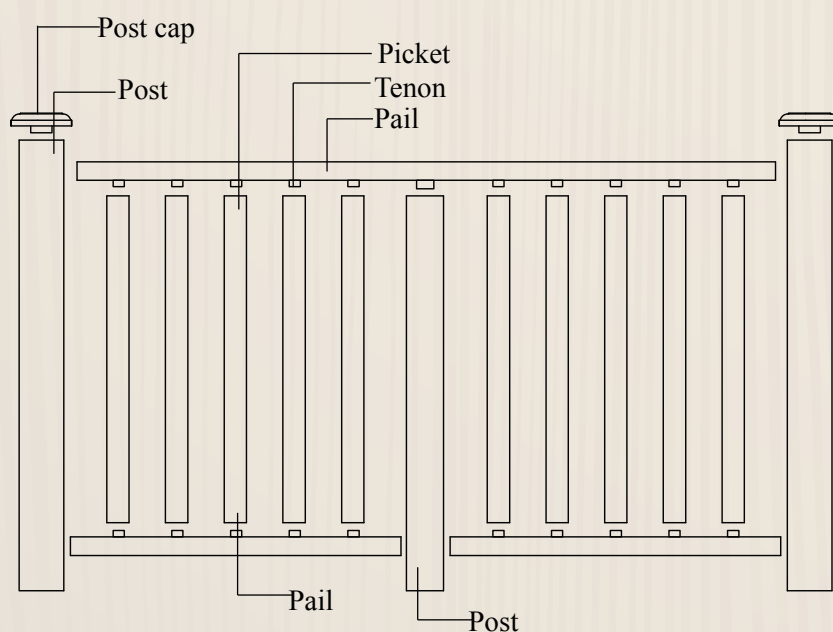
Built-in Fitting



Expansion Screw



Self-Tapping Screw

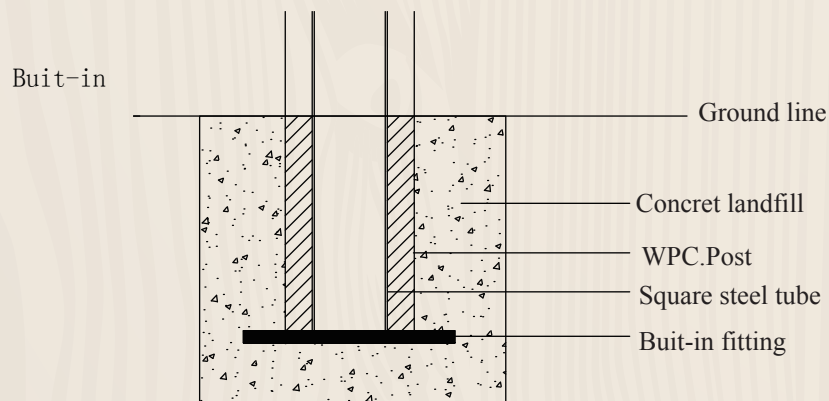


Installation Steps

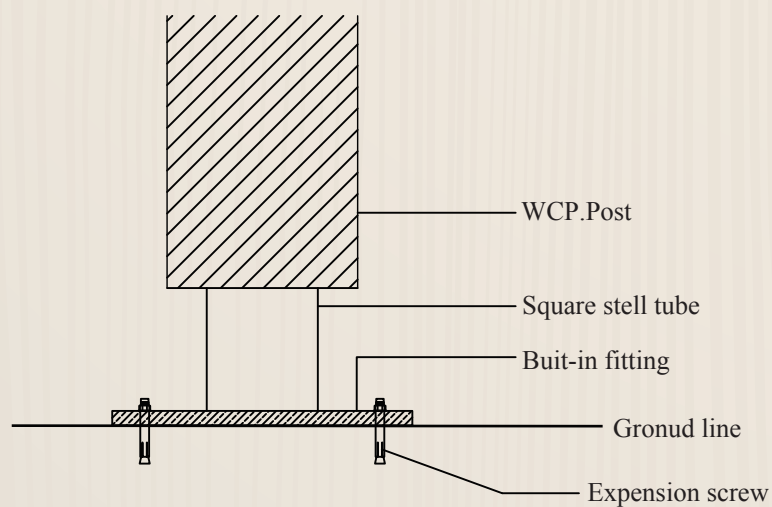
According to the properties of WPC material, the inside of railing need to use lining steel. The size of the steel liner is $\frac{2}{3}$ of post itself. The size of steel liner is determined by the size of post's inner hole. Take the safety elements into consideration, we suggest the safety height for the post is $\geq 120\text{cm}$, the distance from handrail to ground is $\geq 110\text{cm}$, and the appropriate space between vertical bar is $\leq 11\text{cm}$. Please note that the height of lining steel is flexibly depending on different circumstance.

1. There are two ways to connect the post to the ground: A and B.

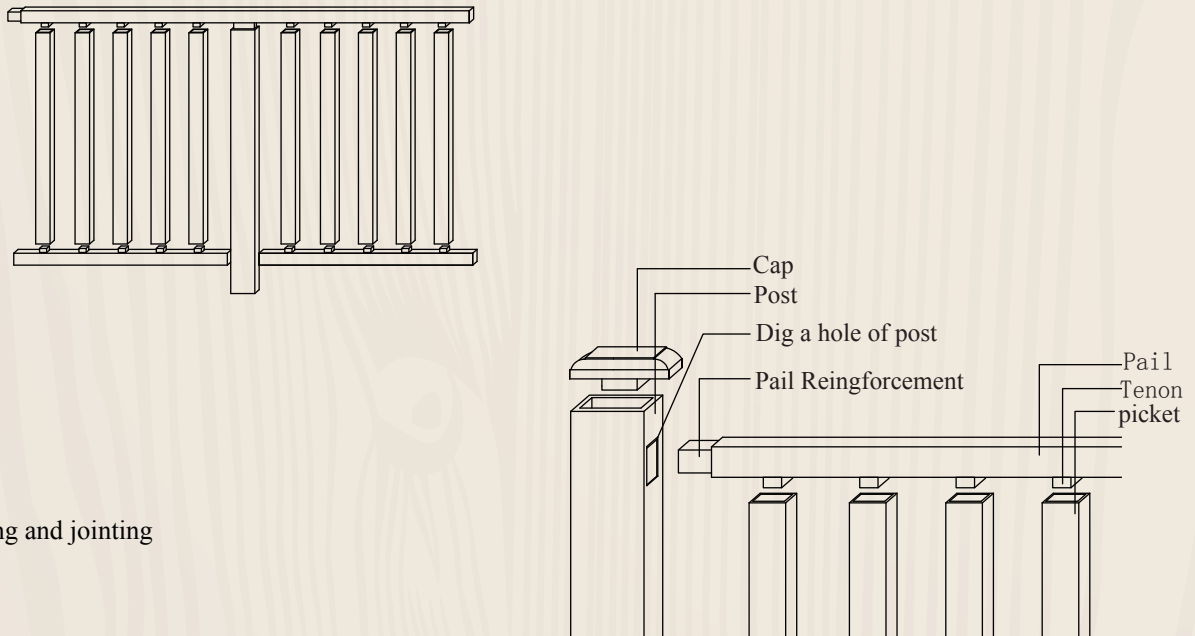
A embedded. Dig a hole which diameter is greater than $\frac{1}{2}$ of the post, and put the post into the hole (with lining steel), then fill it up with concrete sand. The interval between the holes should be decided by the design of the railing.



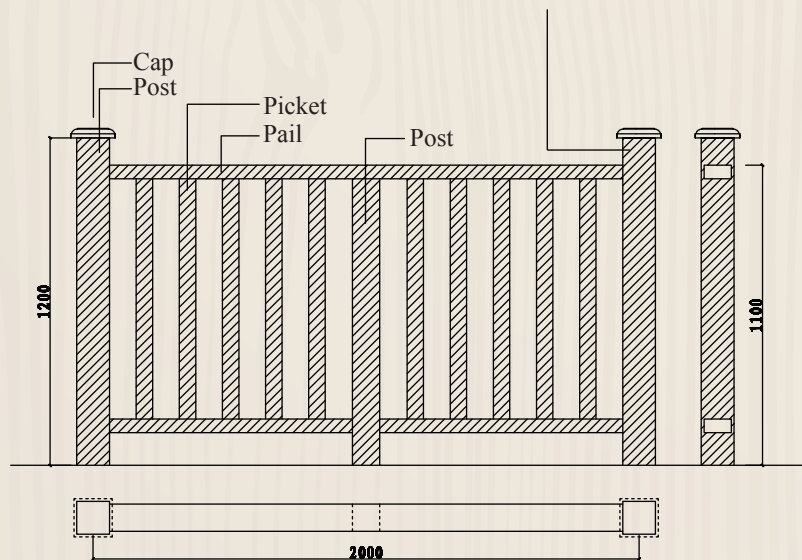
B non-embedded. Welding the lining steel with built-in fitting, and fix it on cement ground with 4 inflation screws, and then install the post.



3.the assembling of handrail and baluster .square tube should insert into the handrail.(see detail)



4.Overall fixing and jointing



Because of the various styles of railing and different ways of installing and jointing them. We can offer relevant installation instruction for specific projects as per the design drawing provided.