

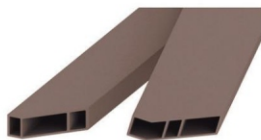
**1. Installation tools:**



**2 . Pergola components and accessories:**



Post



Beam



Seal

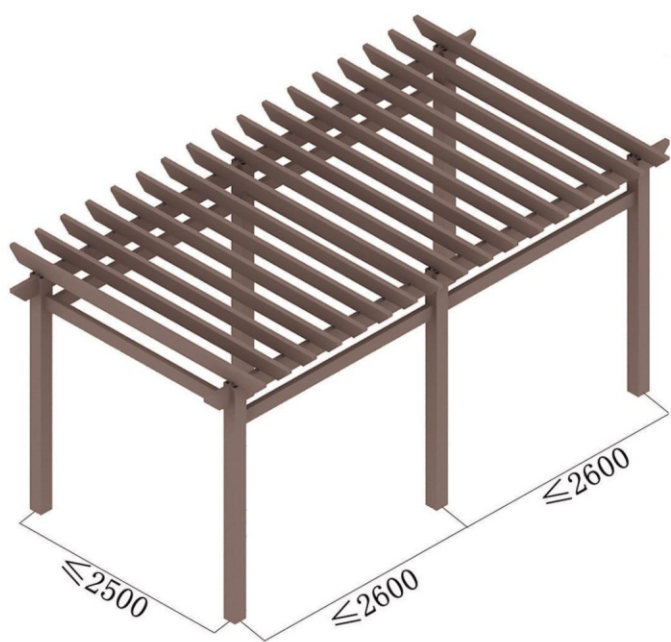


Screw/ Iron expansion /Steel support

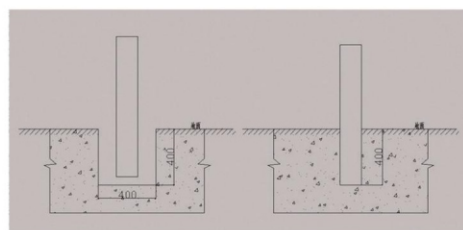
**3. Pergola Installation:**

**STEP 1:**

The length distance between post to post  $\leq 2600\text{mm}$ , width distance  $\leq 2500\text{mm}$



Steel Support Installation



Embed Post Installation

**Steel support Installation:**

Put the steel support on the floor, set screw to fix; Put post on the steel support, use screw fix post to steel support

**Embed Post Installation:**

Embed Post under ground at least 400mm

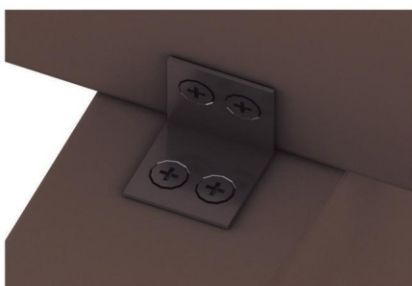
**STEP 2**

Insert steel square into beam, use screw to fix. The distance of screw to the end is 10cm(a), the distance between screws is 50cm(b), put beam K60-200 into post K200-200, use screw to fix it(c).



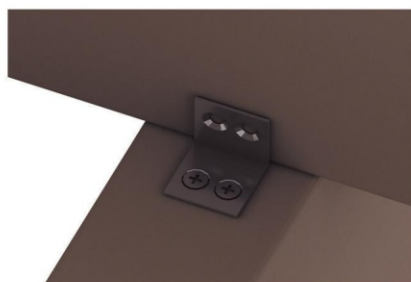
**STEP 3**

Top beam and rafter beam, use 4 steel angles to fix, one angle use 4 screws, see picture a and b.



a

b



**Notice:**

1. When installation, drilling holes must be pre-drill
2. Put steel square into beam to increase strength
3. Don't fill concrete into post
4. After installation, clean the surface.