

**Oakio Plastic Wood Building  
Materials Co.,Ltd.**

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V20211012

# WPC Fencing

Installation Guide



FIND  
US ON



V20211012

# Read All Section Before You Install

To get latest information,  
please visit our website: [www.oakio.co.uk](http://www.oakio.co.uk).

These installation guidelines will direct you through the process of installing Oakio products. These installation methods are recommended by Oakio, but they may not cover every installation scenario you may encounter. Since each installation is unique in its performance requirements, the ultimate installation method used is the sole responsibility of the installer. Oakio recommends that all designs be reviewed by a licensed architect, engineer or local building official before installation. Make sure your plans meet local building codes before you begin the installation.

## Safety

Appropriate safety equipment is necessary when you deal with any type of construction project. Oakio highly recommends, but is not limited to the following safety equipment: gloves, a respiratory protection, long sleeves, pants, and safety glasses.

## Planning Ahead

Laying out the fence line:

Firstly walk the fence line to make sure that there are no obstacles or hindrance in the terrain that will need to be accommodated. Next, stake out the fence line. Stakes and string should be placed where you expect to install your fence. Determine the location and desired size of the gates(if necessary) and mark them along the string line.

Laying out the fence:

1. Measure the fence line.
2. Draw a figure of the fence line, including the gate locations(if necessary).
3. It is probable that standard fence sections will not exactly fit the fence layout, so you will have to decide what spacing method to use to accommodate the actual dimensions of the fence line. You can either cut each fence section to the same width so that all the sections are equally spaced, or install most of the fence sections as they are supplied, and one fence section in each segment of the layout will be cut to fit the remaining space.

Getting Materials Ready:

To determine how much Oakio fence material you will need, start by dividing the length of the segment by the width of a standard section of fence. Round up to the nearest whole number.

When calculating the amount of fencing you will need, it is recommended that you add roughly 10% to the total for a scrap factor.

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## Expansion and Contraction

Oakio fencing planks will experience expansion and contraction with changes in temperature. Expansion and contraction are most significant where extreme temperature changes occur. Changes in length are most significant during the installation process, and should be taken into account if working in extreme temperatures. A good example would be cutting your planks during a hot afternoon, letting them sit outside overnight in the cool air and then installing them the next morning, and you will notice a certain amount of contraction. The best way to minimize this problem is to fasten your planks after cutting as soon as possible.

## Tools

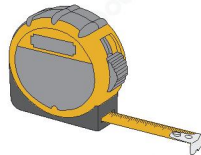
The tools you need for this installation are illustrated below:



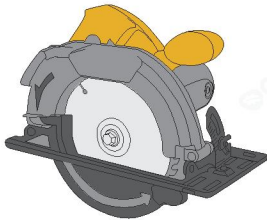
Shovel



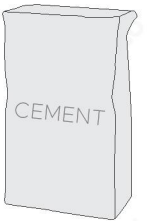
Gradienter



Tape Measure



Saw

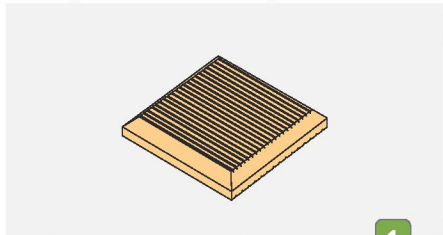
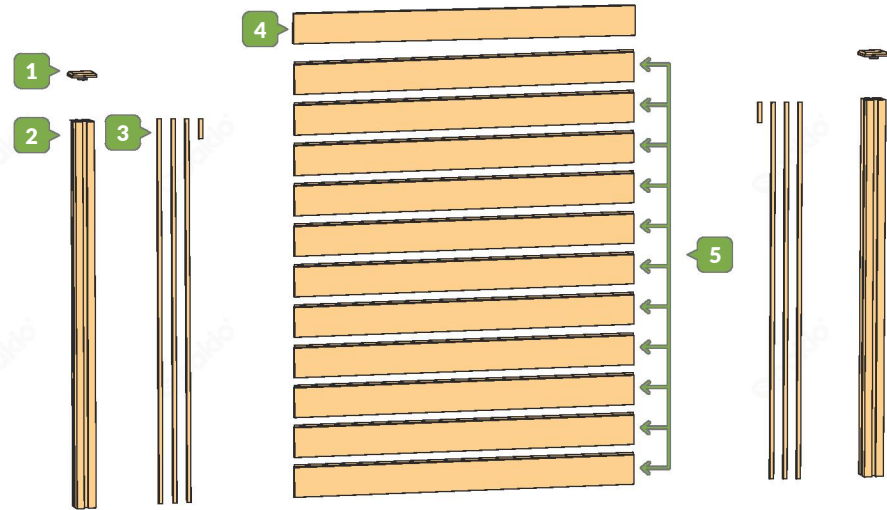


Cement

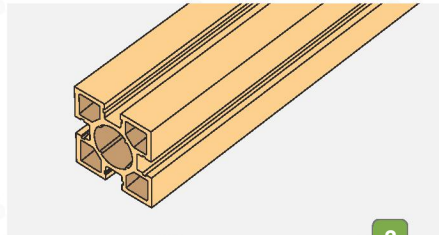
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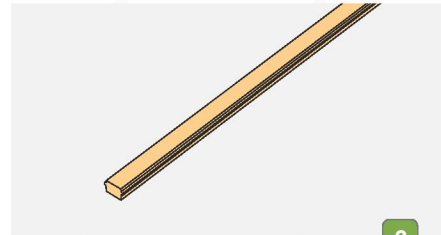
## Matching Accessories



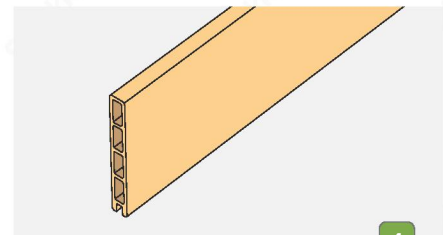
**WPC Post Cap**  
Code: IFS-CC  
Quantity: 2 pieces  
Size: 110\*110\*43mm



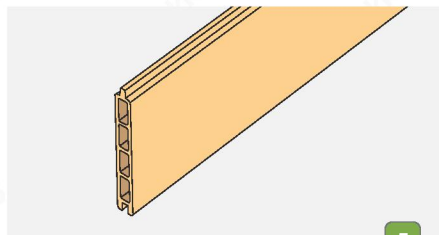
**WPC Post**  
Code: IFS-CP  
Quantity: 2 pieces  
Size: 100\*100\*2500mm



**WPC Post Strip**  
Code: IFS-CS  
Quantity: 8 pieces  
Size: 24\*15\*1900mm



**WPC Top Fencing Board**  
Code: IFS-TB  
Quantity: 1 pieces  
Size: 1730\*150\*20mm

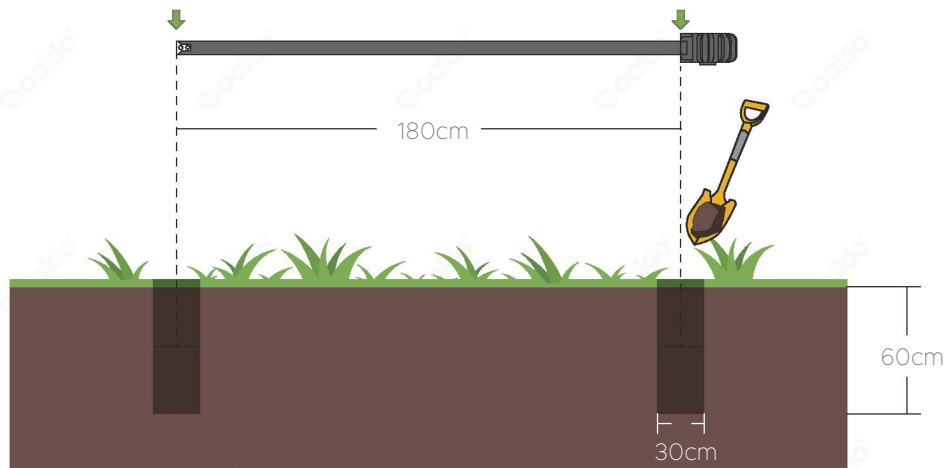


**WPC Fencing Board**  
Code: IFS-FB  
Quantity: 11 pieces  
Size: 1730\*160\*20mm

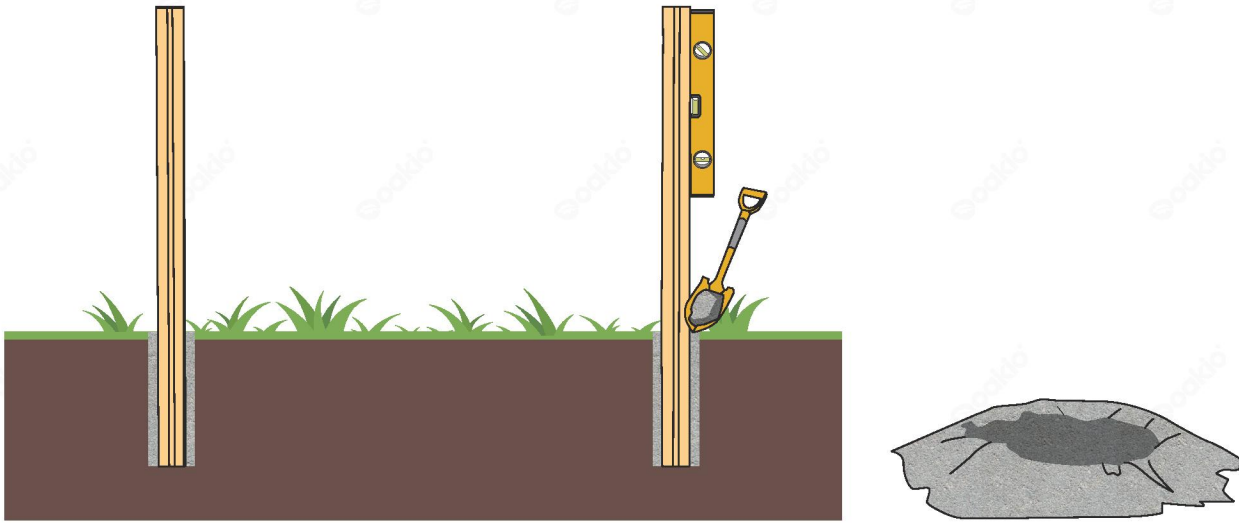
# Oakio Fencing Installation Instructions

WPC Fencing profile

1 The posts should be spaced at 180cm centers. Use the shovel to dig holes.



2 Insert the posts by using gradienter. Make sure that it is completely vertical and straight.





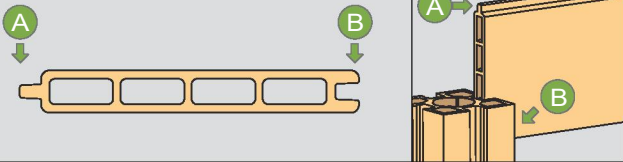
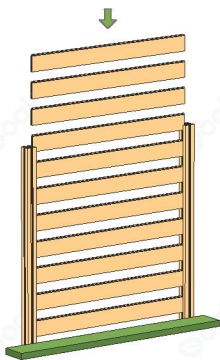
# Oakio Fencing Installation Instructions

Note: 4mm gap required between fence board and post groove.

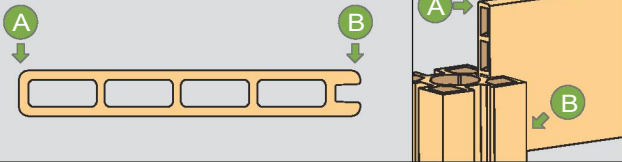
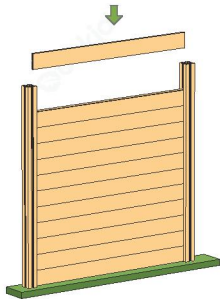
WPC Fencing profile



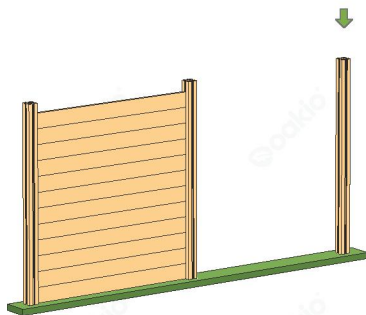
- 3 Install fencing boards horizontally. Side A should be installed upwards.



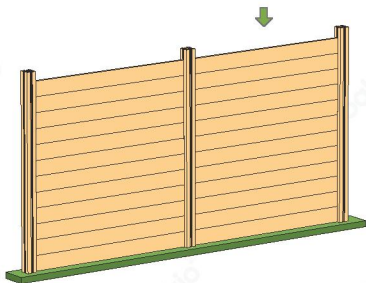
- 4 Install top fencing board.



- 5 Install the adjoining post which be spaced at 180cm centers.



- 6 Install fencing boards and top fencing board as above instruction 3 & 4

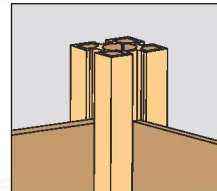
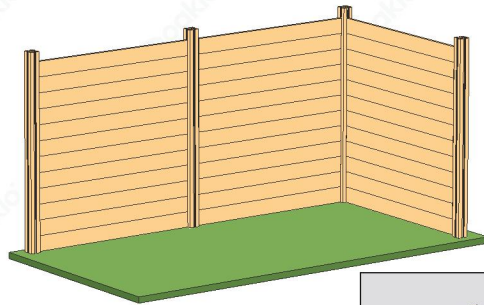


# Oakio Fencing Installation Instructions

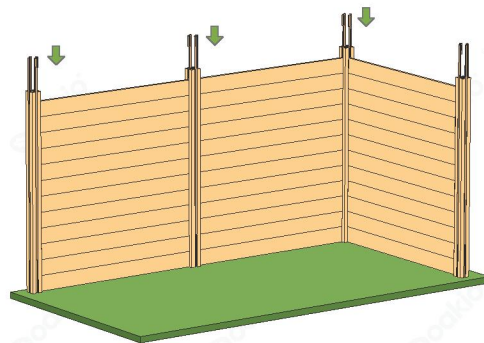
WPC Fencing profile



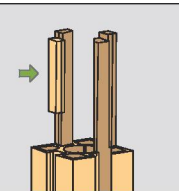
- 7 Keep installing as above instructions at 90° corner groove.



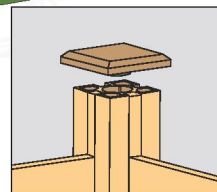
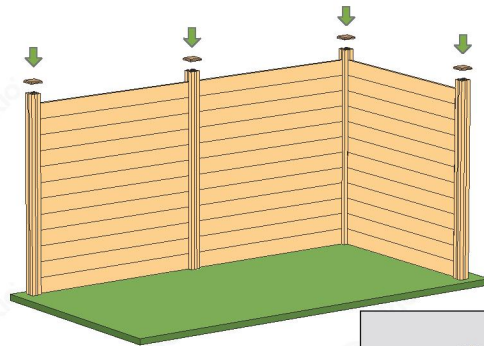
- 8 Insert strips into empty grooves of post.



NOTE:  
1. Cut strip of appropriate length according to the remaining space of the top and insert it into the groove of post.



- 9 Place post cap on the post.



- 10 Finish the installation.

