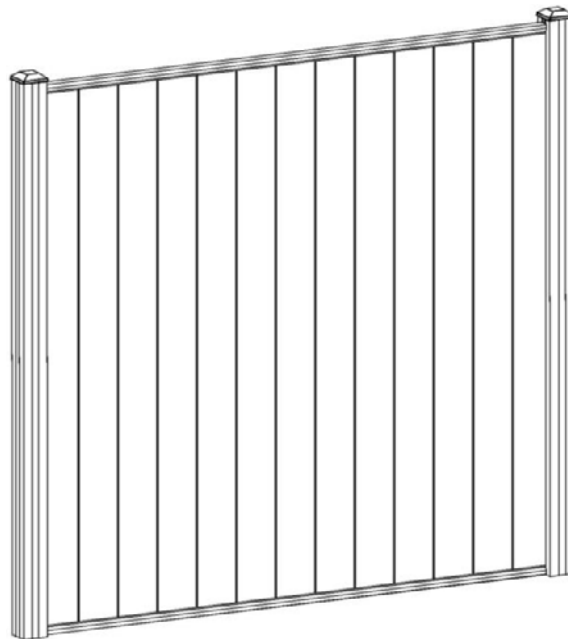




Installation Brochure

<Fencing Chapter — FS05 >

(Version 1.1)

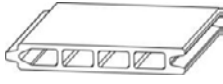

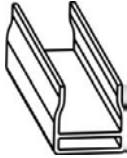

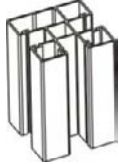

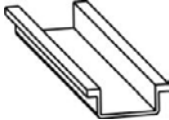


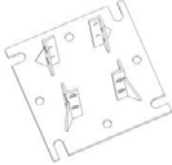
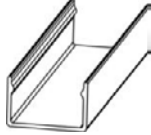


- ✧ Before install NewTechWood products, it is necessary to read the Installation Guide.
- ✧ This Installation Guide is applicable to the Fencing only.

Installation Guide of Fencing

NewTechWood product is of great variety, so you can choose any product as you like. In order to save your precious time and cost, make a budget program according to the construction design at first.

Fencing Components

Product	Material	Profile	Product	Material	Profile
Panel <i>MK20</i>	WPC		Post Cap <i>PJ0052</i>	Plastic	
Fascia <i>PJ0047</i>	Aluminum		Fastener <i>PJ0053</i>	Stainless steel	
Post <i>PJ0048</i>	Aluminum		Screw <i>M4*15</i>	Stainless steel	
Post-Fascia <i>PJ0049</i>	Aluminum		Screw <i>M4*25</i>	Stainless steel	
Joist <i>PJ0050</i>	Aluminum		Base <i>PJ0092</i>	Iron	
Joist-Fascia <i>PJ0051</i>	Aluminum				

STORAGE

NewTechWood products should be stored in a dry and flat position.

When storing NewTechWood outside, keep the clear of stack ground to ensure clean product.

SAFETY

Use appropriate personal protective equipment such as eye protection, the edges and cut fragments of the product may cause personal injury if brought into contact with the body. Wear glasses, gloves, and protect skin when possible.

NewTechWood products work well with standard woodworking tools:

When installing NewTechWood products, you can use woodworking machinery for cutting, sawing, drilling and so on.



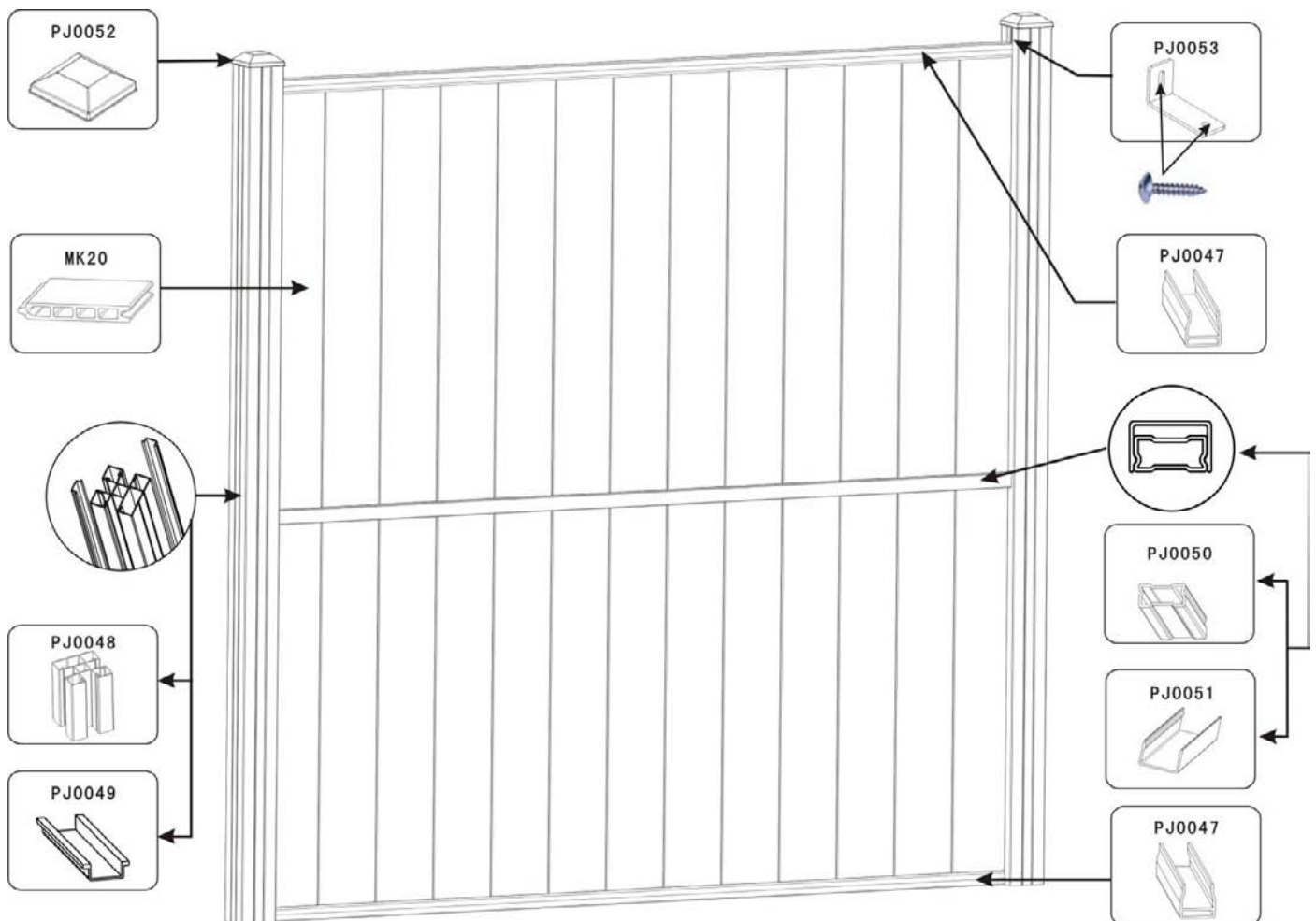
The Diagrams and instructions outlined in this guide are for illustration purposes only and are not meant or implied to replace a licensed professional. Any construction or use of NewTechWood product must be in accordance with all local zoning and/or building codes. The seller won't assume the direct or indirect risks and liability associated with the violation of the building requirement and installation guide.

BASIC REQUIREMENTS

- ☹ Ground should be solid, stable, smooth and level. High points must be removed and low points filled with filler. Do not install fence on hollow or uneven areas.
- ☹ Screws must be galvanized or stainless steel to resist corrosion or rust for external application, and it is recommended to be long enough to penetrate wood substrate.

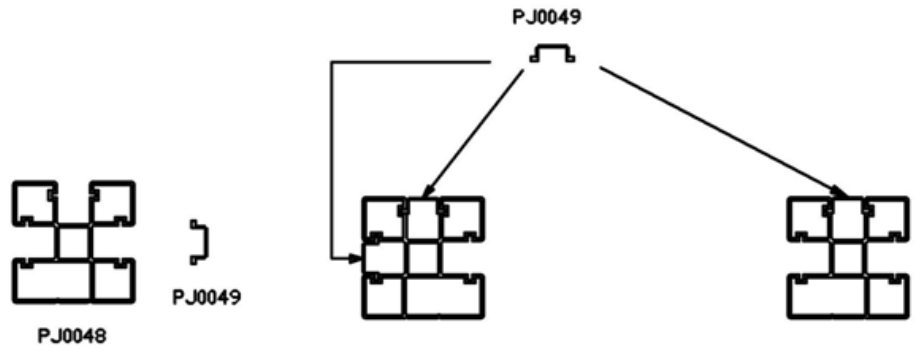
Preparations:

1. Establish a horizontal ground around the perimeter of the building.
2. Determine total area to be fenced.
3. Mark locations and size.

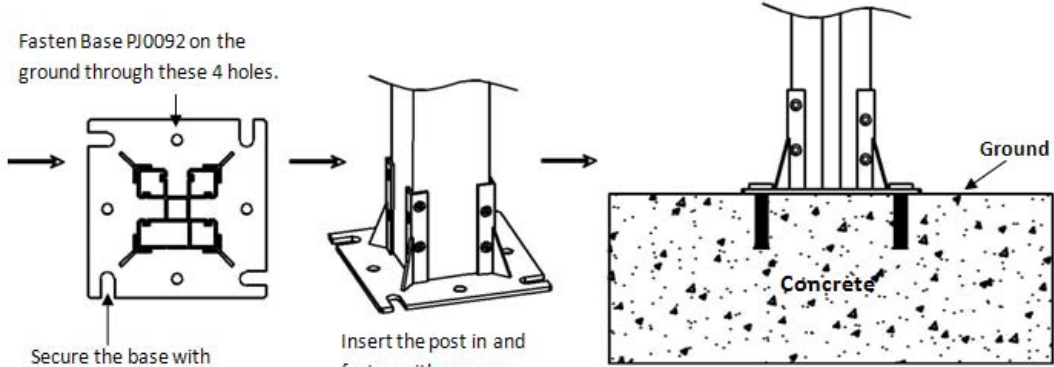
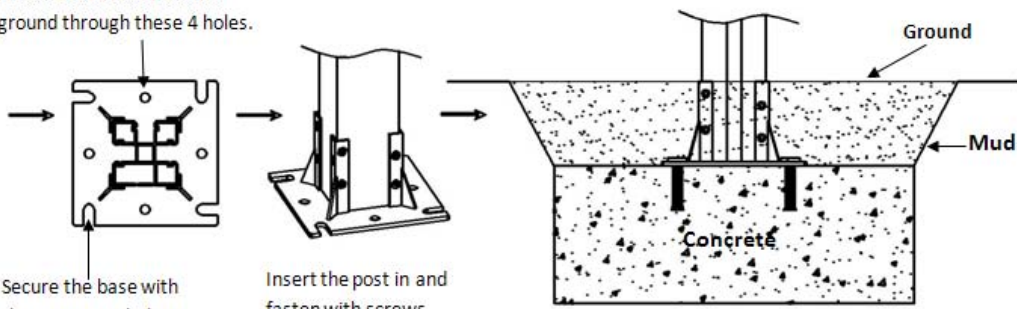
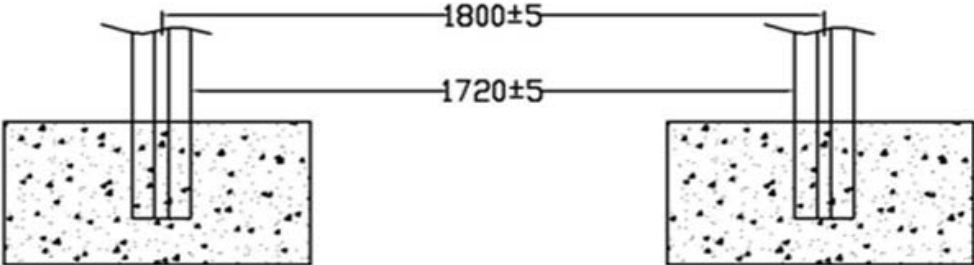


Post method of installation

1. Dig holes of 400mm in diameter x 400mm deep;
2. Position the Post:
 - a.** Prior to positioning the post, determine the side-groove for panels and insert the fascia into the other two side-grooves.
 - b.** Put the initial post into the hole. Verify that the post is 1820 ± 10 mm from ground to top.



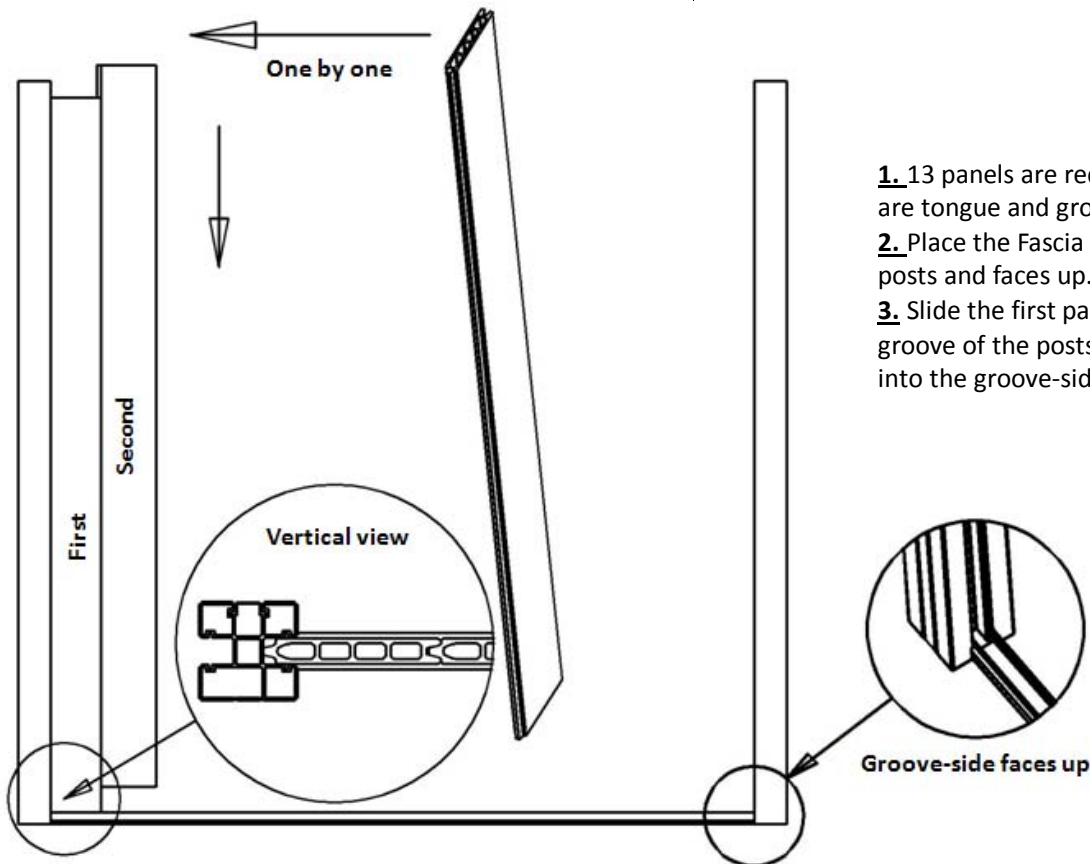
3. Pour concrete around post. Ensure the post is plumb.

Suited to	Diagram
1820mm in length	<p>Fasten Base PJ0092 on the ground through these 4 holes.</p>  <p>Secure the base with the expansion bolt at the 4 grooves.</p> <p>Insert the post in and fasten with screws.</p> <p>Ground</p> <p>Concrete</p>
1920mm in length	<p>Fasten Base PJ0092 on the ground through these 4 holes.</p>  <p>Secure the base with the expansion bolt at the 4 grooves.</p> <p>Insert the post in and fasten with screws.</p> <p>Ground</p> <p>Mud</p> <p>Concrete</p>
2150mm in length	 <p>1800±5</p> <p>1720±5</p> <p><i>Note: It is advisable to use Fascia PJ0047 to maintain center distance between posts. This method is also applicable to the different length above.</i></p>

Note: Ensure post is 1820 ±10mm from level of ground to top of post.

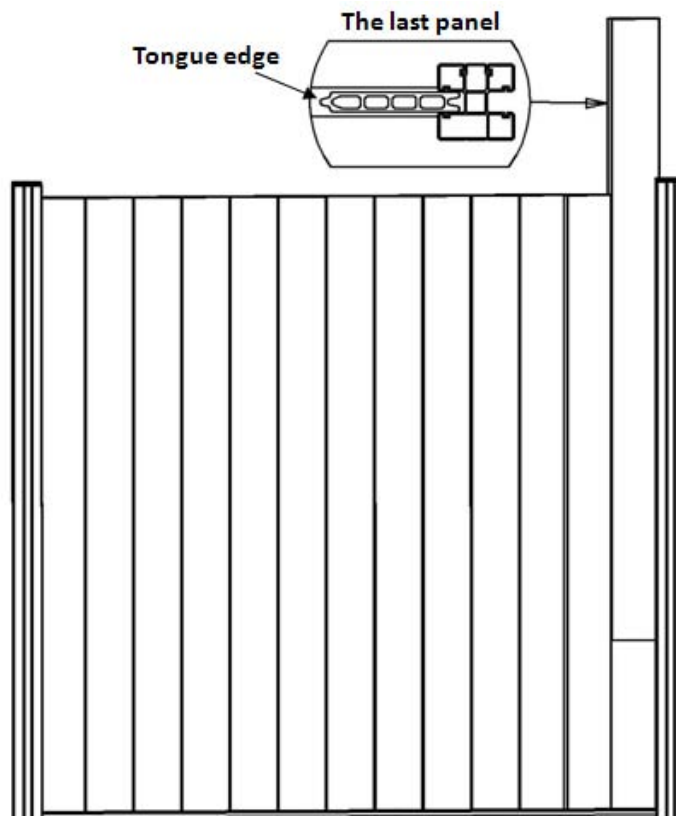
Installation

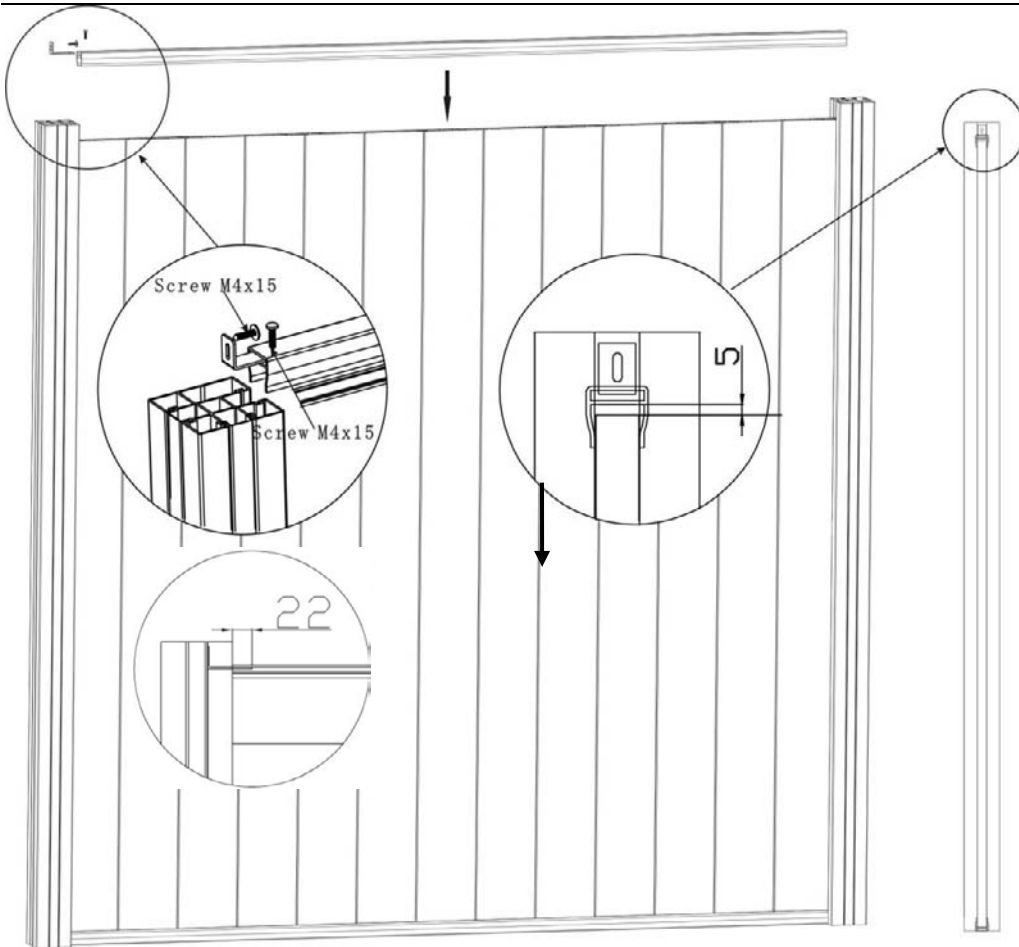
Screw	Suited to
Self-tapping screw M4*15	Fasten the panel onto the top and bottom joists.



- 1.** 13 panels are required, and panels for this style are tongue and groove.
- 2.** Place the Fascia PJ0047 on the ground between posts and faces up.
- 3.** Slide the first panel into the Fascia along the groove of the posts. Ensure each panel is inserted into the groove-side of Fascia.

- 4.** Repeat the step above until the panel installation is complete. The last panel can be inserted from the top down.



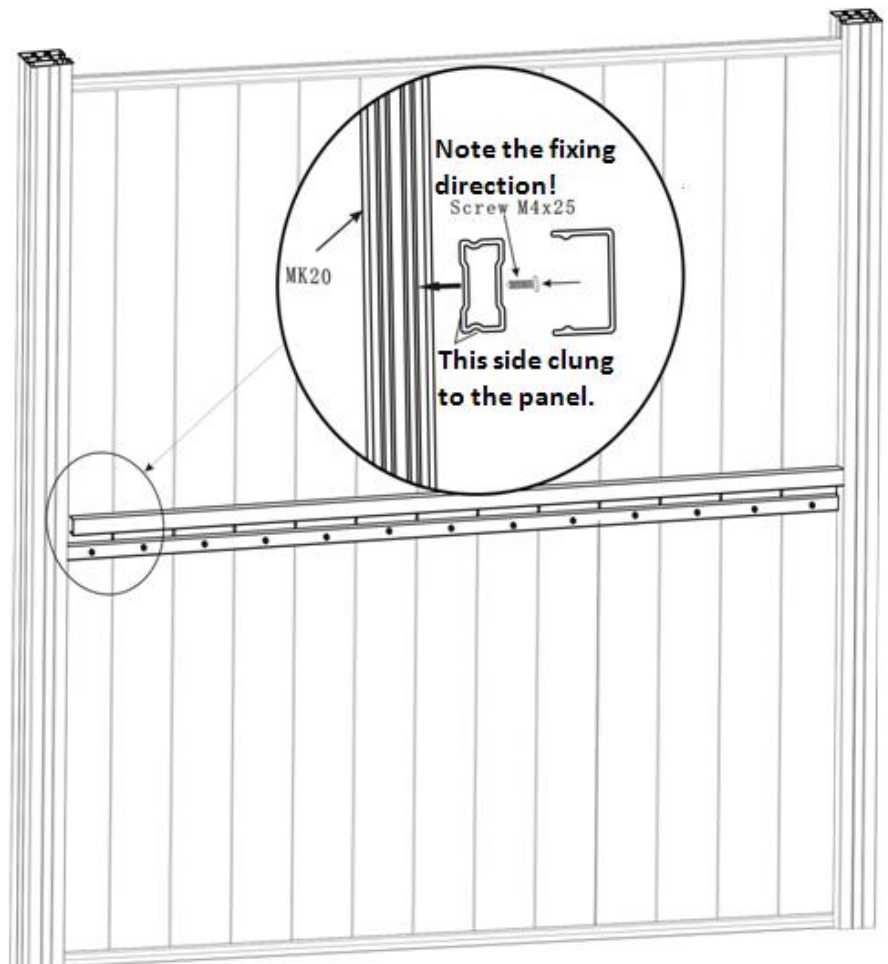


5. Insert the fastener PJ0053 into the groove of fascia PJ0047, and secure it by using screw M4x15. Keep the fastener PJ0053 penetrates the Fascia PJ0047 by 22mm, install the other end in the same way.

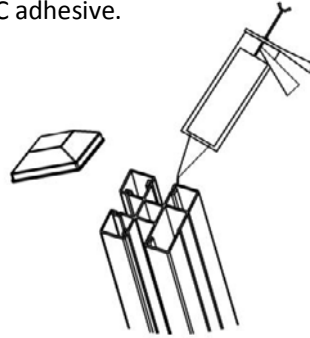
6. Slide the set-fascia into the top panel. Leave a gap of 5mm between the fascia

7. Secure the fascia and the interior of the two posts using the Fastener PJ0053, and then drive the screw M4x15 in.

8. Make adjustments for each panel before joist installation. Secure the joist onto the every panel with 13 screws (M4x25). One screw per panel to make sure it is firmly held in place. Then put the Joist Fascia PJ0051 on the installed joist to cover up unsightly building work.



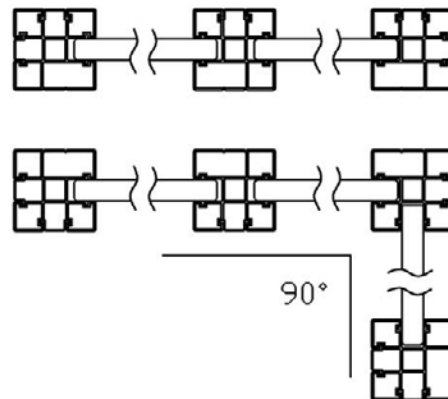
9. Secure the post cap with glue, silicone or PVC adhesive.



Complete!

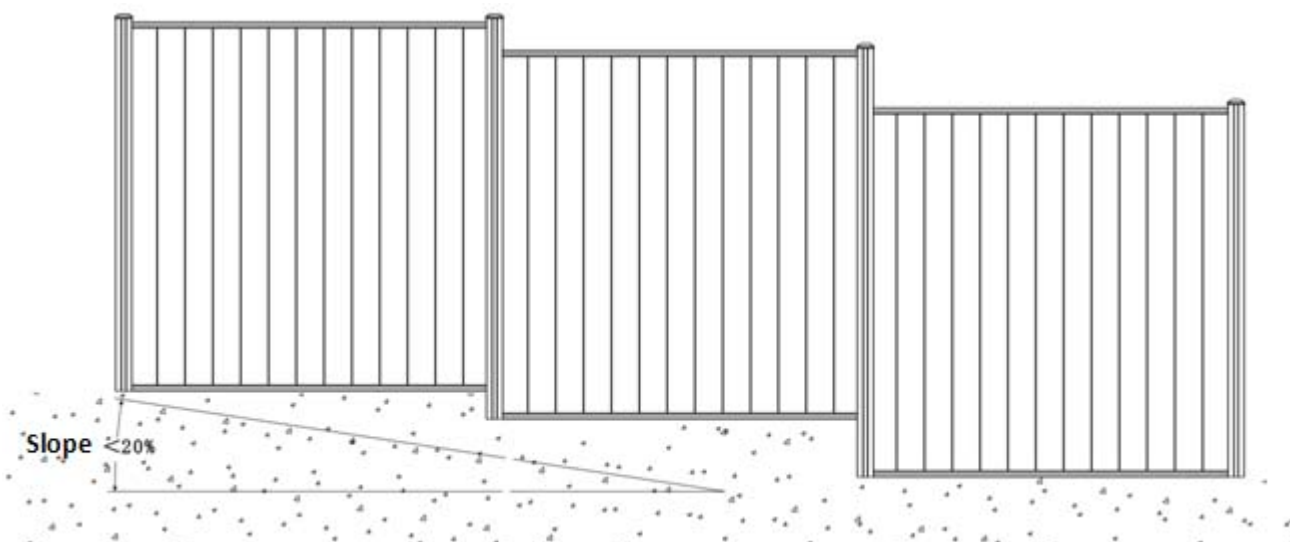
Installation method for special situation

- Generally, keep the side-groove of each post must be in the same direction as the fencing.
- An angle of 90 degree will be created when fences intersect at the fence corner.



■ Slope ground

- a. Inform and provide NewTechWood product specialist with the detailed information, the components will be made especially by NewTechWood.
- b. For the best results, professional team can be hired to install fencing.
- c. Install the individual fencing using above indicated instructions.
- d. Plan as the following illustration.



✦ You have purchased a high-quality lifetime WPC product that will provide you with years of security and comfort. We truly appreciate your business, and we wish you the best of luck with your installation. Please feel free to ask a friendly NewTechWood product specialist if you have any questions.

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