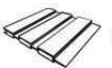
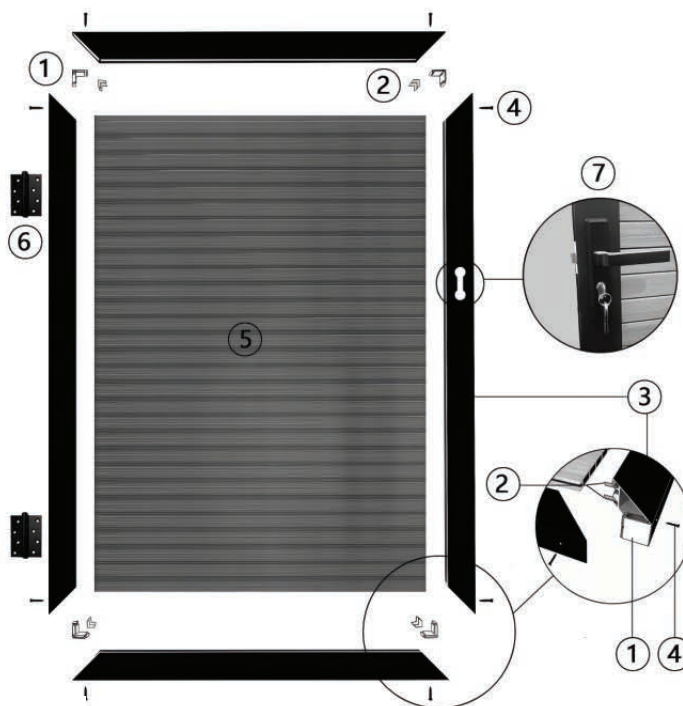


Fence Gate Components List

#	Part Description	Qty
1.	 Aluminum Corner Bracket X4	X4
2.	 Stainless Steel Limit Bracket X8	X8
3.	 Aluminum Gate Frame Profile X4	X4
4.	 Self-Tapping Screws X8	X8
5.	 WPC Fence Panels X10	X10
6.	 Hinges X4	X4
7.	 Lock with Key X1	X1



Tools you will need

- Power Drill (with a Phillips head bit for the self-tapping screws)
- Rubber Mallet (essential for tapping profiles together without making dents)
- Tape Measure
- Spirit Level
- Pencil

Phase 1: Frame & Panel Assembly

Assemble the 'U' shape (bottom and sides). You cannot build the full square frame first or you won't be able to fit the WPC boards inside. You need to leave the top off.

1. Lay one Side Profile (3) and the Bottom Profile (3) on a flat, clean surface (put down cardboard to prevent scratching).
2. Insert an Aluminium Corner Bracket (1) into the mitred ends where the side and bottom meet.
3. Note on Limit Bracket (2): Check the detailed circle on the bottom right of the image above. Ensure the Stainless Steel Limit Bracket (2) is inserted according to the groove alignment before securing.
4. Use the Self-Tapping Screws (4) to secure the corner. Drive the screws through the profile and into the corner bracket to lock it.
5. Repeat this for the other Side Profile, so you have a 'U' shape (Left side, Bottom, Right side).



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Step 2: Insert the WPC Panels

1. Take your WPC Panels (5). These will need to be cut to size on site.
2. Slide the first panel down from the open top of the 'U' frame until it sits flush in the bottom groove.
3. Tap it gently with the rubber mallet to ensure it is seated fully.
4. Stack the remaining 9 panels one by one on top of each other.

Step 3: Install the Top Profile

1. Once all panels are inserted, place the final Top Profile (3) over the panels.
2. Insert the remaining Aluminium Corner Brackets (1) and Limit Brackets (2) into the top corners.
3. Push the top profile down so the mitres meet cleanly with the side profiles.
4. Secure these top corners with the remaining Self-Tapping Screws (4).

Phase 2: Hardware Installation

Step 4: Install the Lock and Handle

1. Locate the pre-drilled or cut-out section on one of the side profiles (7).
2. Insert the lock body mechanism into the profile.
3. Attach the handles and key cylinder through the profile, securing them with the bolts provided in the lock kit.
4. Test the key and handle movement to ensure it extends and retracts the latch smoothly.

Step 5: Attach the Hinges

1. Determine the way you want the gate to swing (inward or outward) and which side acts as the hinge side.
2. Position the Hinges (6) on the gate frame - spacing: typically place the top hinge about 150mm (6 inches) down from the top and the bottom hinge 150mm up from the bottom.
3. Drill pilot holes if necessary and screw the hinges to the gate frame.

Phase 3: Hanging the Gate

Step 6: Mount to Post

1. Place blocks of wood under the gate to hold it at the desired height, leaving a 50mm-100mm gap at the bottom for ground clearance.
2. Use a spirit level to ensure the gate is perfectly vertical.
3. Mark the hinge holes on your post.
4. Screw the hinges to the post.
5. Remove the wood blocks and test the swing.

Step 7: Install the Keep/Strike Plate

1. Close the gate and mark where the latch hits the opposite post.
2. Install the catch/strike plate (part of the Lock kit 7) onto the post so the gate latches securely.

Pro Tips

1. Don't over tighten: When screwing into aluminium (Part 4), stop once it is tight. Stripping the thread is easy to do if you use too much force.
2. Squareness: Before tightening the screws in Step 1 and 3, use a carpenter's square to ensure your corners are exactly 90°. If the frame isn't square, the lock won't catch properly.