OUTDOOR FENCE

ABOUT

Founded in 2000,   has been a well-recognized brand in global WPC market. With years of R&D focus on WPC production and design,   occupies leading position among WPC manufacturers.   manufacturing facility covers over 100,000 square feet, equipped with R&D lab, professional teams of technicians and designers, and certified by CE, ISO9001:2015, ISO14001:2015.

WPC is produced with 100% recycled and FSC approved wood flour and waste plastic by an extrusion process.   WPC is a versatile material that combines the traditional appearance of timber with the durability and resilience of an engineered composite, attested by SGS and Intertek.

FENCE CWF-04/05

● MEASUREMENT

1800mm
100mm
1800mm
100*100mm

CWF–04

1800mm
100mm
1800mm
140*140mm

CWF–05

● MATCHING FENCE GATE

CWB–01
Single–Gate
(W1100 × H1800mm)

CWB–02
Double–Gate
(W3200 × H2000mm)

FENCE CWF-04/05

COMPONENTS

① Post
CFP-01(100×100mm)

① Post
TF-02S(140×140mm)

② Fence Board
CFB-01(150×20mm)

② Fence Board
CFB-01(150×20mm)

③ Top Fence Board
CFB-02(140×20mm)

③ Top Fence Board
CFB-02(140×20mm)

④ Steel Base
40×40mm

④ Steel Base
(h1500*φ74mm)

⑤ Aluminum Fence Base
CH-03(20×26mm)
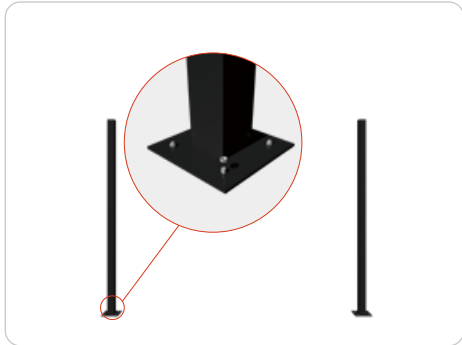
⑥ Sealing Edge
CH-04(26.2×20mm)

⑦ Post Cap
120×120mm

⑦ Post Cap
PC-140(140×140mm)

FENCE CWF-04/05
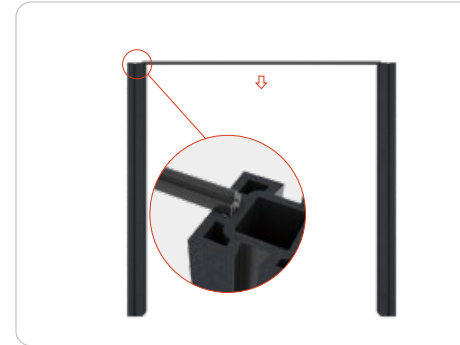
● INSTALLATION STEPS

1. Fix Steel Bases
Determine the position of the fence posts, anchor the steel bases to the ground with SS expansion bolts.
Note: Keep the fence posts in a straight line.

2. Set Posts
Slide posts over the steel bases.

3. Fix the Aluminum Fence Base
Place the aluminum fence base on the bottom along the groove of the post.

4. Slide in Fence Boards
Pus h the fence boards in one by one along the slots of the posts.
Note: Keep an overall gap of 5 mm between the board ends and the post slots.

5. Place Top Board into Place
Place the Top Fence Board on top.

6. Slot in Sealing Strips
Slot the sealing strips into the posts.
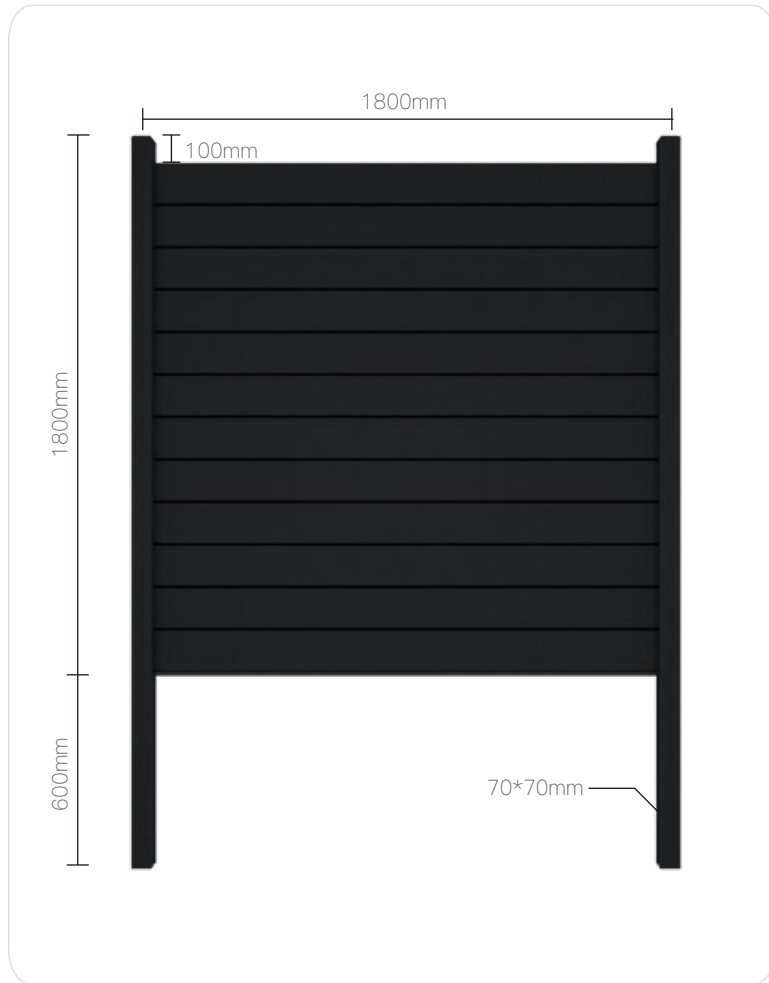
7. Put on Post Caps
Put post caps on the posts.

8. Installation Finished
Continue and finish the installation in the same manner.

FENCE CWF-06

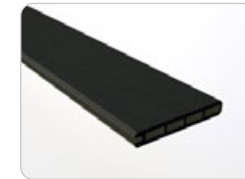## ● MEASUREMENT

1800mm

100mm

1800mm

600mm

70*70mm

● COMPONENTS

① Aluminum-Post
TA-01(70×70×2400mm)

② Fence Board
CFB-01(150×20mm)

③ Top Fence Board
CFB-02(140×20mm)

④ Aluminum Fence Base
CH-03(20×26mm)
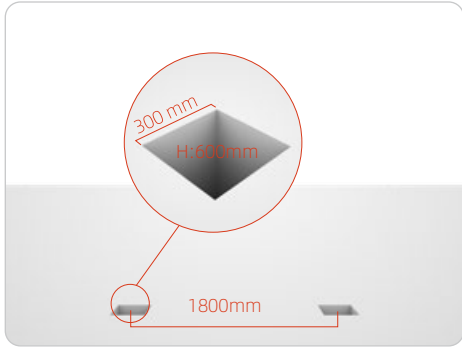
⑤ Clip
TS-F(20×14mm)
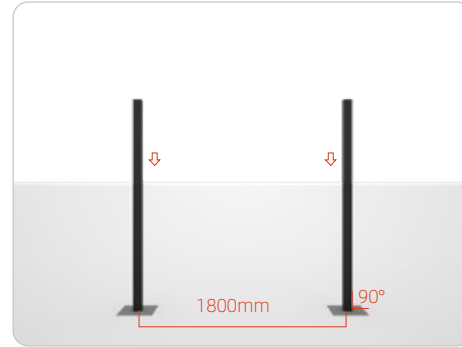
⑥ Sealing Edge
CH-05(24×6.5mm)

⑦ Post Cap
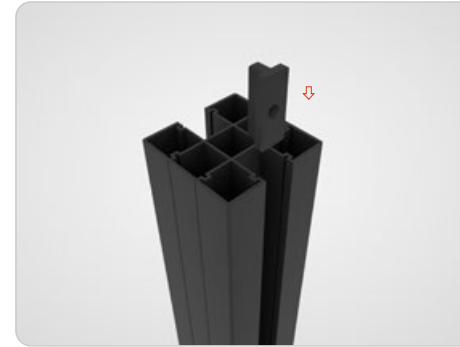PC-70(70×70mm)

FENCE CWF-06

INSTALLATION STEPS

1. Dig Holes

Dig 300*300mm holes with a depth of 600 mm and make sure they're properly spaced. The spacing between posts on–center should be 1.8 m.
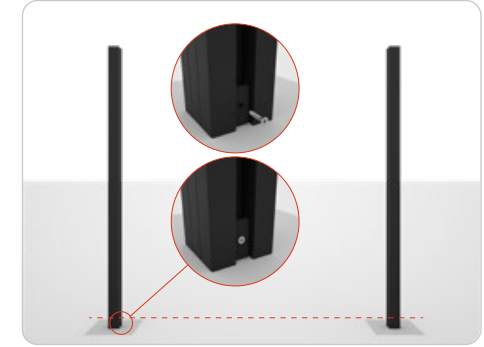

2. Set Posts

Place posts into the holes. Pour in concrete and wait for it to set. Make sure the posts are plumb and in a straight line.
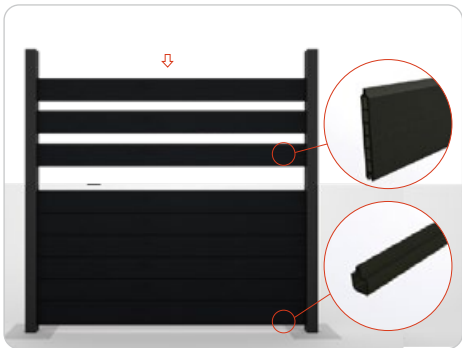

3. Slide in Plastic Clips
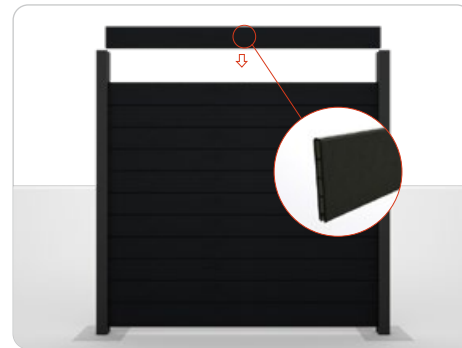
Slide plastic clips (TS–F) into the post slots.

4. Slide in Plastic Clips

Make sure the clips at the bottom of the two posts are flush with each other and in the correct position by using a level. Fix the plastic clips to the posts with self–drilling screws.
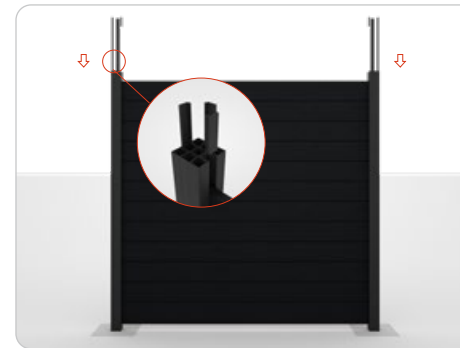

5. Slide in Fence Boards

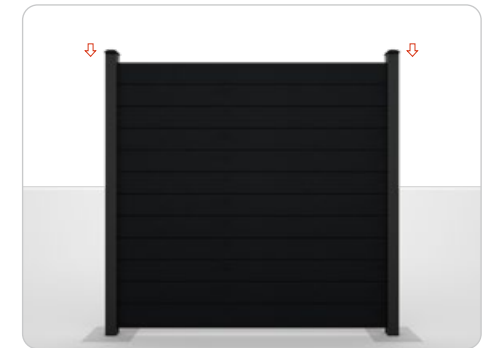Place into position the aluminum fence base and fence boards one by one.

6. Fix the Top Board

Finally install the top fence board.

7. Fix the Sealing Edges

Slide in sealing edges.

8. Installation Finished
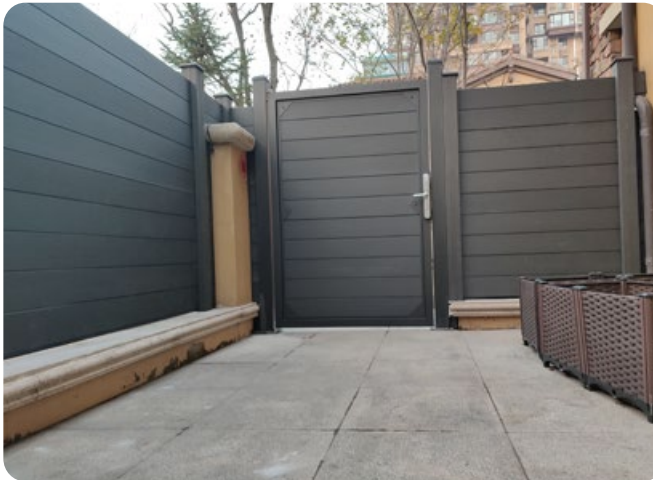
Put on post caps. Installation finished.

FENCE CWF-04/05/06

● PROJECT CASE

● AVAILABLE COLORS

Red Pine

Coffee

Blue Gray

Fence Gate CWB-01

● MEASUREMENT

【Customized special metal door frame】
The exclusive customized door frame perfectly fits the wood-plastic fence board, which is more beautiful and elegant

100*100mm

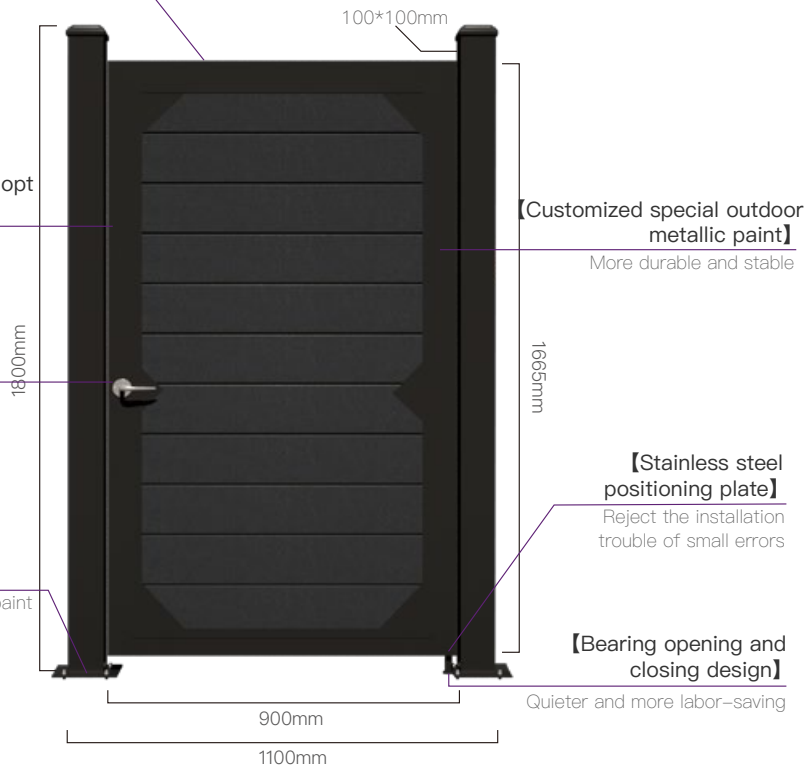【The door frame and column adopt electrostatic spraying process】
Stronger adhesion and smoother paint surface

【Customized special outdoor metallic paint】
More durable and stable

【Laser cutting】
Precise, even and tidy incision, safer and more convenient to assemble

1800mm

1665mm

【Stainless steel positioning plate】
Reject the installation trouble of small errors

【Robot welding】
Stronger adhesion and smoother paint surface

【Bearing opening and closing design】
Quieter and more labor-saving

900mm

1100mm

CWB-01
For Fence CWF-04/05

● COMPONENTS

① Fence Gate
CWB-01(1665×900mm)

② Steel Post
TF-03S(h1800*φ100mm)

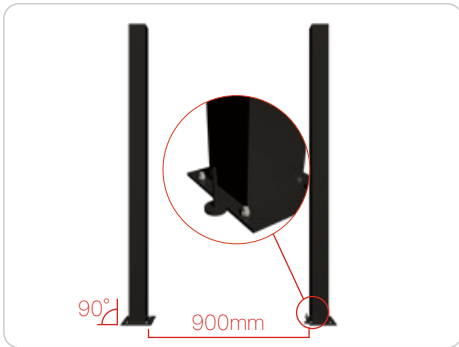③ U-Shaped Slot
(1700×20×20mm)

④ L-Hinge

⑦ Latch Protector

⑥ Post Cap
AL-100(100×100mm)

⑤ Bearing

● Fence Gate CWB-01 Installation


1. Set Posts

Prior to installation, make sure the ground is solid and smooth. Determine the swing direction of the fence gate. Anchor the fence gate posts to the ground with expansion bolts.
Note: Keep a distance of 900 mm between the sides of the posts and make sure they're plumb and in a straight line.
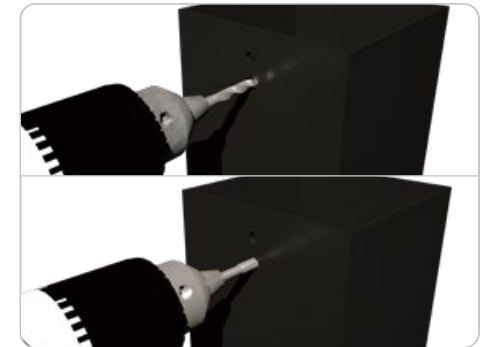

2. Install Bearing Pedestal and Bearing

Put the bearing pedestal and bearing on the pin.
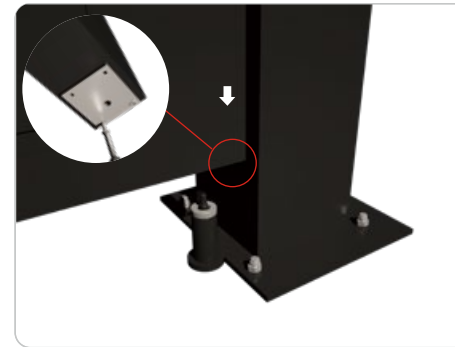
3.Fix Shim to Gate

Fix the shim with screws over the hole on the bottom of the gate, make sure the shim is well centered. Mount the gate onto the pin.

4. Drill and Tap Holes

Use the gate to determine the position of the upper L–hinge, then drill and tap the holes for the L–hinge.

5. Fix L–Hinge to Post

Fix the L–hinge to the post with machine screws, and tighten the nuts from inside the post.

6. Gate Placement

Secure the L–hinge to the gate with a hexagon socket bolt.
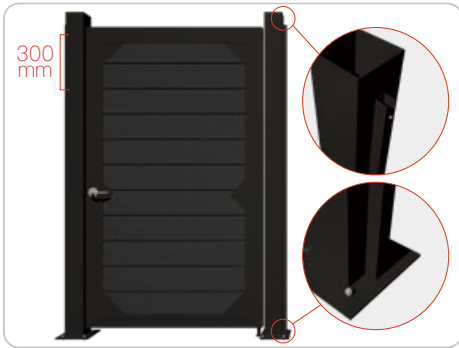

7. Gate Placement Finished

Gate placement completed.

## 8. Fix Strike PLate and Latch Protector

Fix the strike plate and latch protector to the post with self–drilling screws, and make sure it's in the correct position so that the lock functions well.

● Fence Installation

9. Fix U–Slots to Fence Gate Post

Place U–slots on the side of the fence gate post where fence boards are installed, make sure they're centered, then fix with screws at an interval of 30 cm.
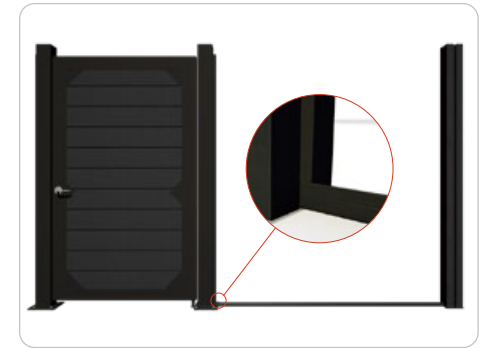
300 mm
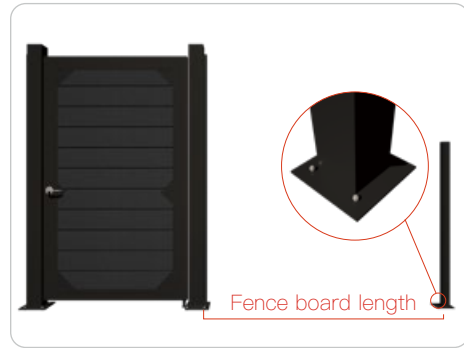
10. Install Fence Post

Determine the position of the fence posts, anchor the steel base to the ground with SS expansion bolts, and slide the fence post over the steel base.
Note: Make sure the fence posts are in a straight line.
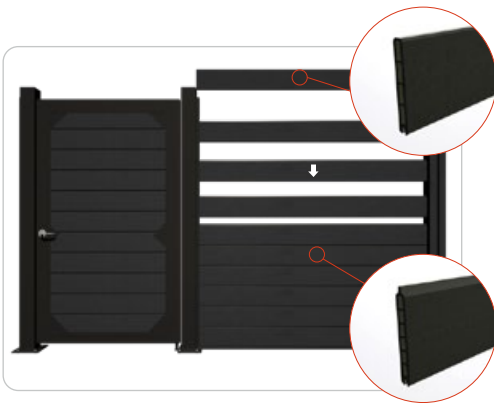
Fence board length

11. Set Posts

Put the post on the steel base.

12. Fix the Aluminum Fence Base

Slide an aluminum fence base to the bottom along the slots of the post.

13. Install Fence Boards

Push in the fence boards one by one along the slots of the posts, and the Top Fence Board should be last.

14. Insert Sealing Strips

Fence installation completed, Insert sealing strips into the posts.

15. Put on Post Caps

Put the post cap on the top of the post.

16. Installation Finished

Continue with other fence installations. Installa–tion finished.

Fence Gate CWB-02

● **MEASUREMENT**

100*100mm

【The door frame and column adopt
electrostatic spraying process】
Stronger adhesion and smoother
paint surface

【Customized special
outdoor metallic paint】
More durable and stable

【Customized special
metal door frame】
The exclusive customized door frame
perfectly fits the wood–plastic fence
board, which is more beautiful and elegant

【Laser cutting】
Precise, even and tidy incision,
safer and more convenient to
assemble

【Stainless steel
positioning plate】
Reject the installation trouble
of small errors

【Robot welding】
Stronger adhesion and smoother
paint surface

【Bearing opening and
closing design】
Quieter and more labor–saving

2000mm

1700mm

3000mm

3200mm

CWB–02
For Fence CWF–04/05

Fence Gate CWB-02

● **COMPONENTS**

① Fence Gate
   CWB–02(3000×1700mm)

② Steel Post
   TF–03S(h2000*100*100mm)

③ U–Shaped Slot
   (1700×20x20mm)

④ L–Hinge

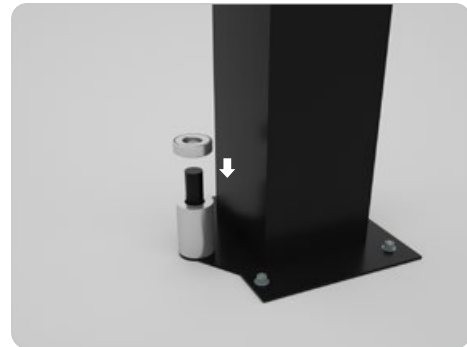⑦ Latch Vertically

⑥ Post Cap
   AL–100(100×100mm)

⑤ Bearing

# ● Fence Gate CWB-02 Installation
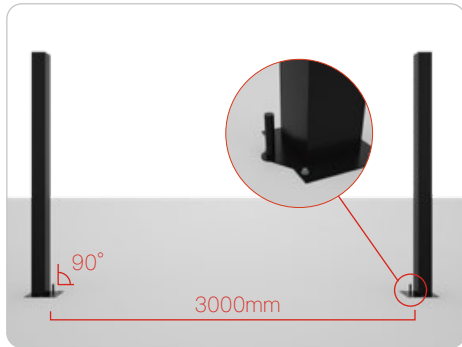
1. Set Posts

Before installation, make sure the ground is smooth and solid. Determine the swing direction of the gate. Anchor fence gate posts to the ground with expansion bolts.

Note: Keep a distance of 3000 mm between two posts and make sure they're in a straight line.

2. Install Bearing Pedestal and Bearing

Put the bearing pedestal and bearing on the shaft.
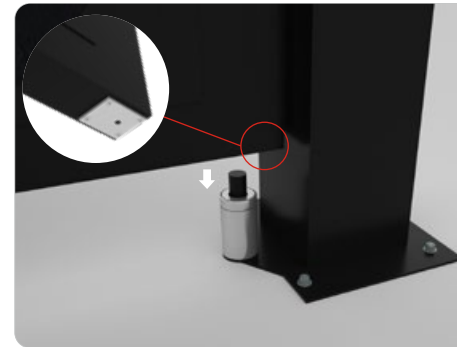
3.Fix Shim to Gate

Fix the shim with screws over the hole on the bottom of the gate, make sure the shim is well centered.
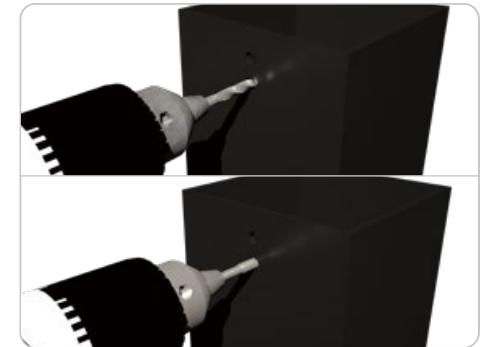
4. Drill and Tap Holes

Mount the gate to the post and then drill and tap the holes for the L-hinge.

5. Fix L-Hinge to Post

Fix the L-hinge to the post with machine screws, and tighten the nuts from inside the post.
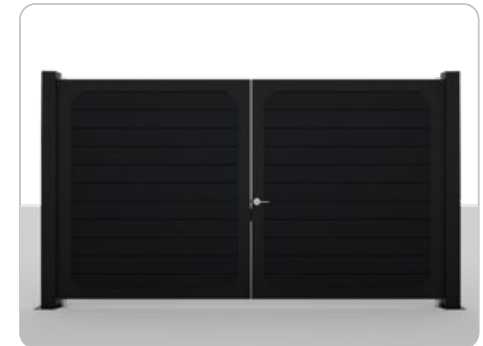

6. Gate Placement

Secure the gate in palce with a machine screw going through the L-hinge.
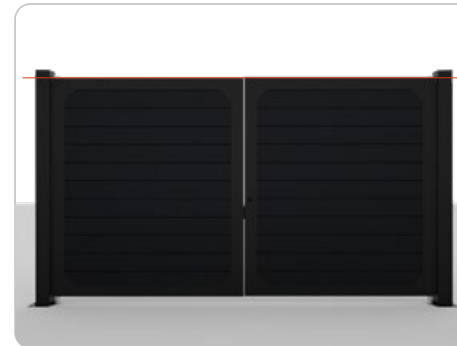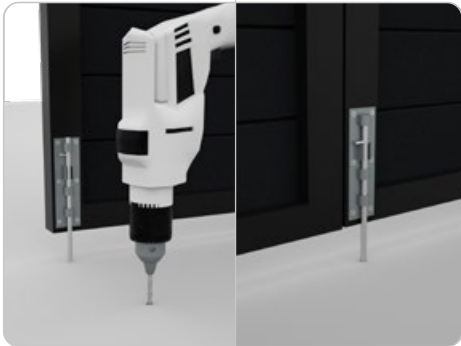

7. Gate Placement Finished

Make sure the left and right sides are aligned and the gaps are uniform. You can make adjustments by adding or reducing shims.
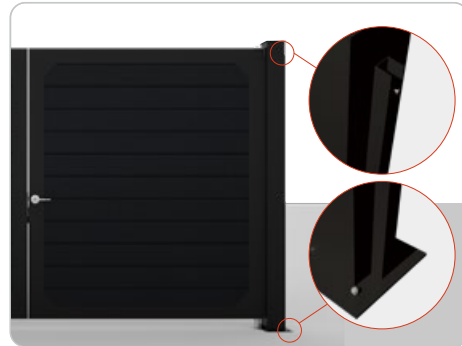

8. Install the lock

Fix the lock to the gate, and make sure it's in the correct position so that the lock functions well.
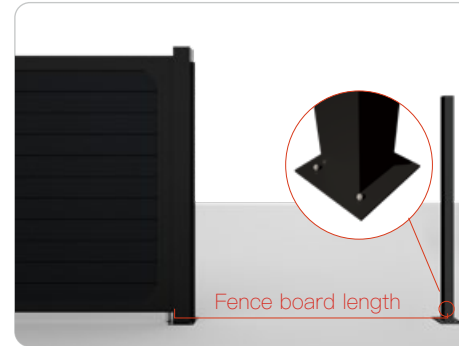
● Fence Gate CWB-02 Installation

9. Fix Latch Vertically

With respect to the ground clearance, at the bottom of the gate, secure the latch vertically in position with self–drilling screws. Drill a hole 5 mm in depth and 16 mm in diameter on the ground to accommodate the latch bolt when locking the gate.
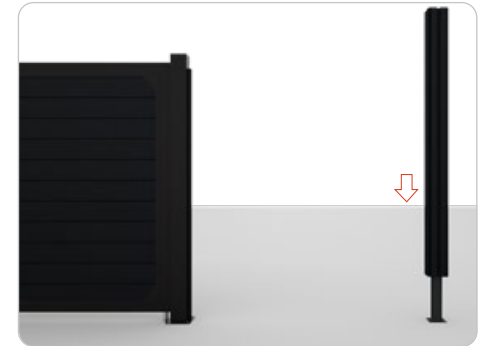

10. Fix U–Slots to Fence Gate Post

Place U–slots on the side of the fence gate post where fence boards are installed, make sure they're centered, then fix with screws at an interval of 30 cm.

Fence board length

11. Set Posts

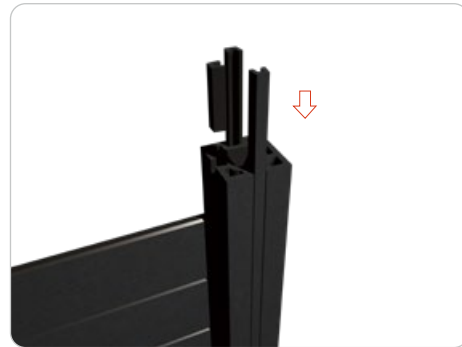Put the post on the steel base.

12. Fix the Aluminum Fence Base

Slide an aluminum fence base to the bottom along the slots of the post.

13. Install Fence Boards

Push in the fence boards one by one along the slots of the posts, and the Top Fence Board should be last.
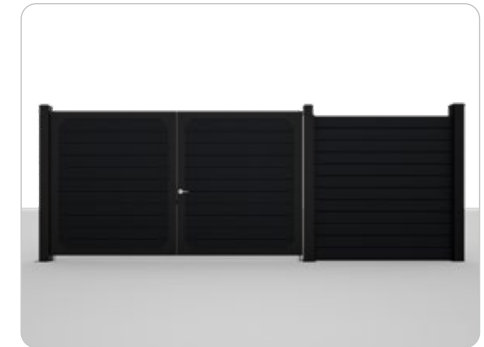

14. Insert Sealing Strips

Fence installation completed, Insert sealing strips into the posts.

15. Put on Post Caps

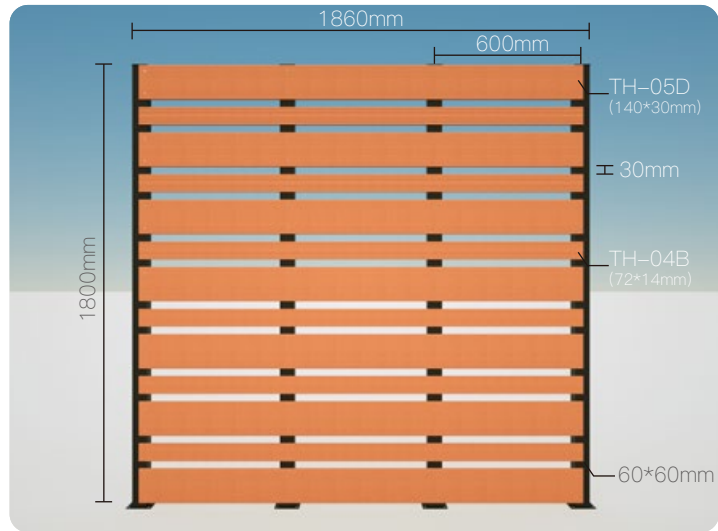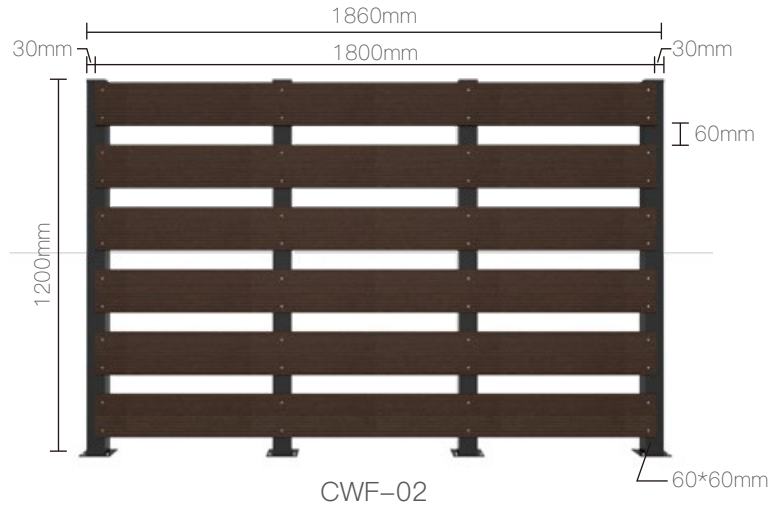Put the post cap on the top of the post.

16. Installation Finished

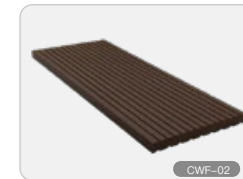Continue with other fence installations. Installa–tion finished.

FENCE CWF-02/03

● MEASUREMENT

1860mm
30mm · 1800mm · 30mm
60mm
1200mm
60*60mm

CWF-02

1860mm
600mm
TH-05D (140*30mm)
30mm
TH-04B (72*14mm)
1800mm
60*60mm

CWF-03

● COMPONENTS

② ③ ①

① Steel Post
60×60mm
CWF-02/3

② Post Cap
60×60mm
CWF-02/3
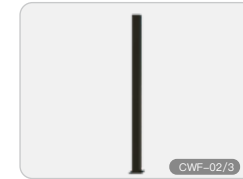
③ Fence Board
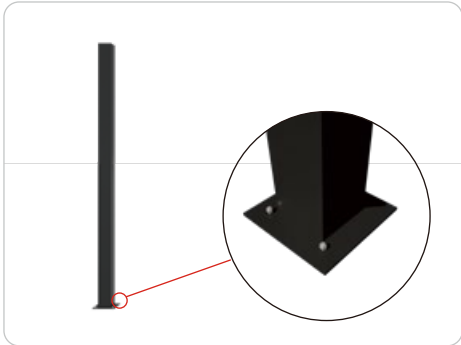TH-05D(140×13mm)
CWF-02

③ Fence Board 1
TH-05D(140×13mm)
CWF-03

③ Fence Board 2
TH-04B(72×14mm)
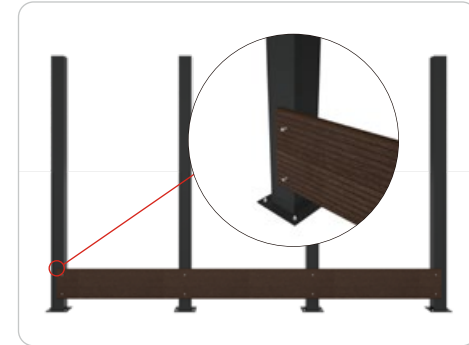CWF-03

FENCE CWF-02/03

● **INSTALLATION STEPS**

1. Set the First Steel Post
Fix the steel post to the ground with SS expansion bolts.
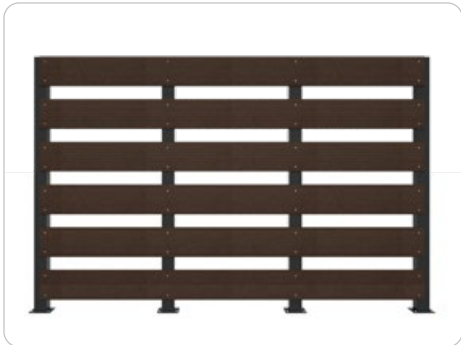Note: Make sure the ground is solid and smooth.

2. Set Other Steel Posts
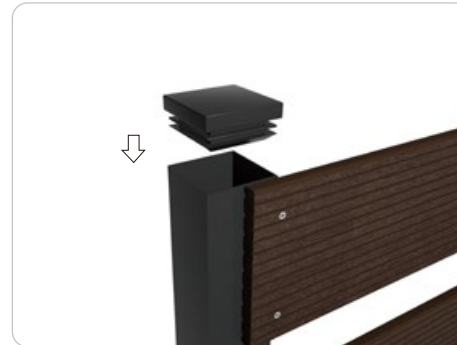Fix the other steel posts. The distance between every two posts is 600mm.

3. Fix the First Fence Board
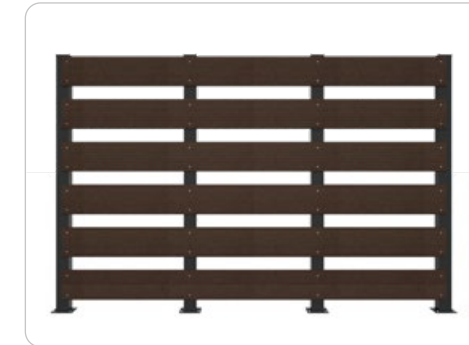Fix the first fence board to the steel posts with screws.

4. Finish Fixing Fence board
Complete the installation of the remaining fence boards at an consistent interval.

5. Put on the Post Cap
Put the post cap on each post.

6. Finish Installation
The installation now is all finished.

FENCE CWF-02/03

● **PROJECT CASE**

● **AVAILABLE COLORS**

Red Pine   Coffee   Blue Gray