



INSTALLATION MANUAL

Wood Composite Fencing

Classic Collection - Aluminum Posts

Full privacy panels | Surface and in-ground mounting

Before you begin

Read the complete guide and check the supplied components before setting out the fence.

Tools



Pencil



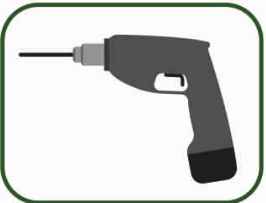
Measuring tape



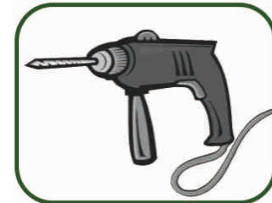
Level



Table saw



Electric drill



Hammer drill



Hammer



Earth auger

Hardware



Expansion anchors

For securing post bases to suitable concrete.



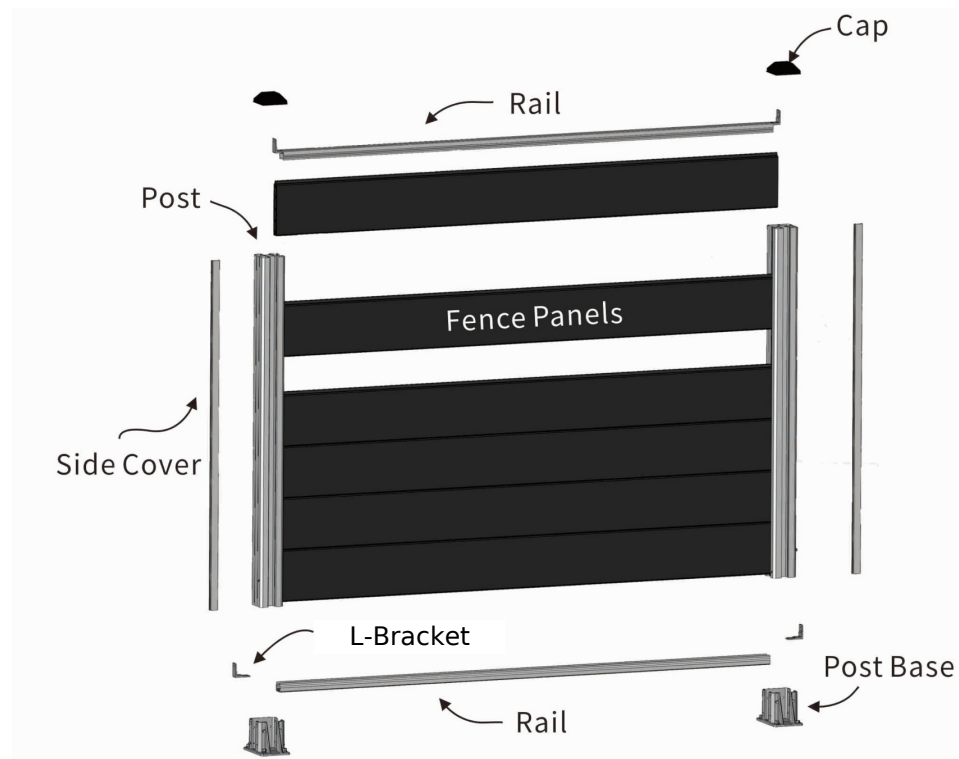
Round-head self-drilling screws

For post-to-base and L-Bracket connections shown in this guide.

Before fixing posts: Verify the fence line, finished levels and mounting method. Confirm that the supplied kit, fasteners and support details suit the project. Use suitable personal protective equipment.

Know the components

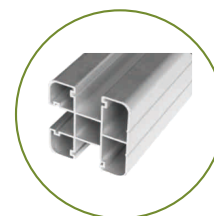
Identify the aluminum posts, rails, L-Brackets and finishing pieces before assembly.



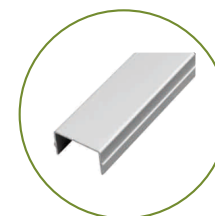
Exploded view of the full privacy panel assembly.



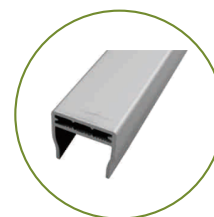
Fence boards



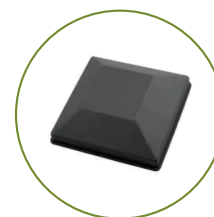
Aluminum post



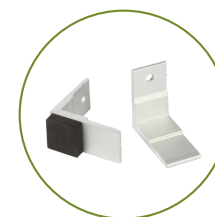
Side cover



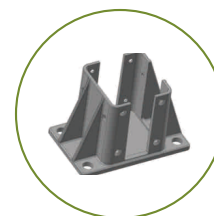
Top and bottom rails



Post cap



L-Brackets

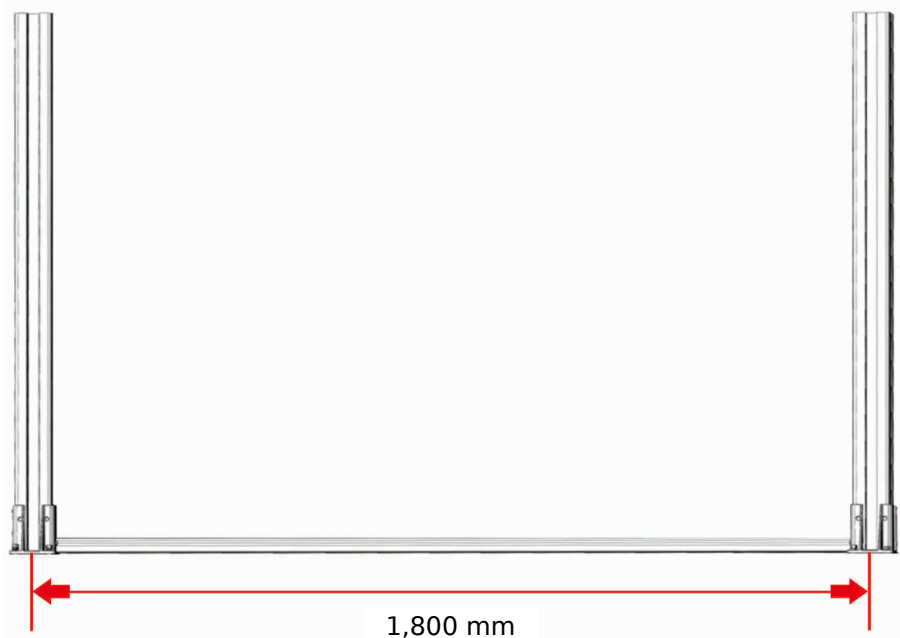


Post base

Use the supplied Classic Collection components and fasteners for the connections shown in this guide.

1A Set out surface-mounted bases

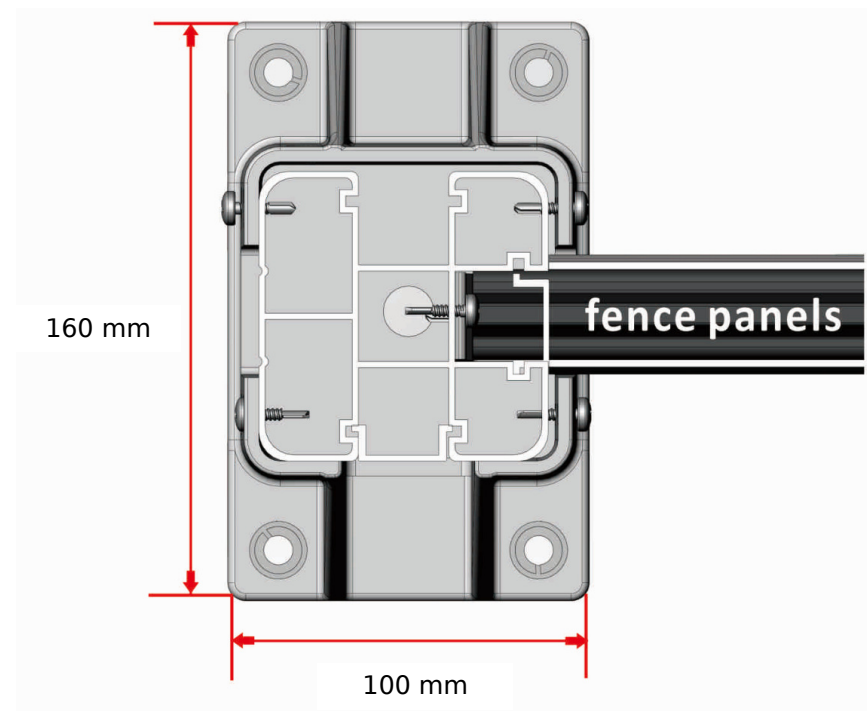
Choose Step 1A for suitable concrete, or Step 1B on page 7 for in-ground mounting.



1A.1

Set out the bases

Position the bases at **1,800 mm centre-to-centre spacing**. Check the fence line, finished level and supplied panel dimensions before marking the fixings.



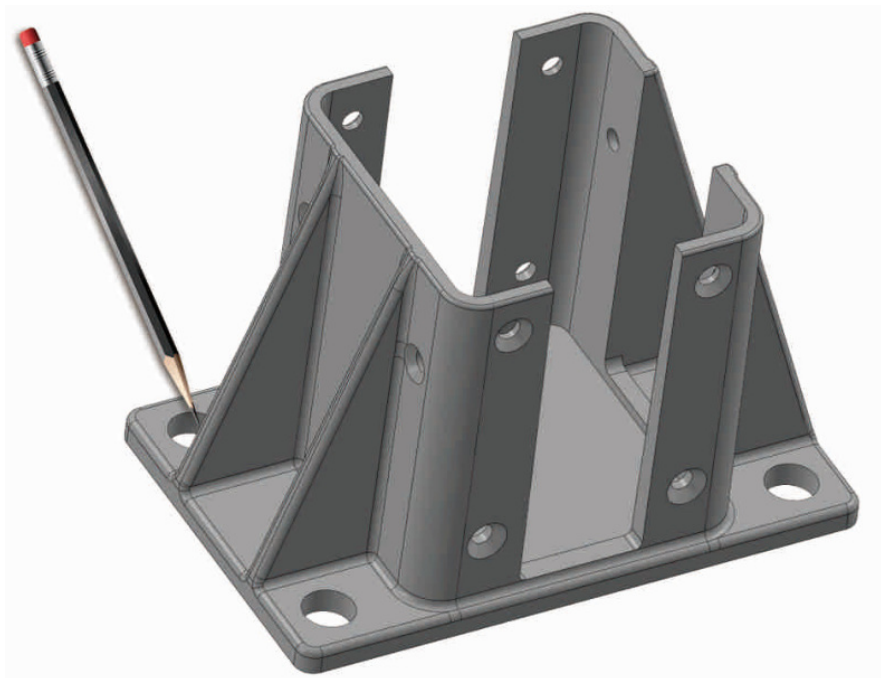
1A.2

Orient each base correctly

The **100 mm side** runs **parallel** to the fence panels. The **160 mm side** runs **perpendicular** to the panels, as shown.

1A Mark and drill the fixing holes

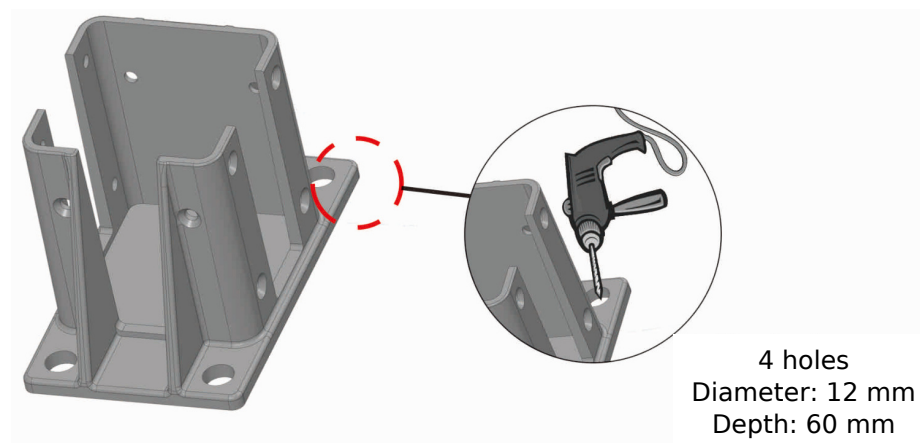
Surface mounting continued | Prepare the concrete for each post base.



1A.3

Mark the four fixing positions

Set the base in its final position and mark the four anchor holes with a pencil.



1A.4

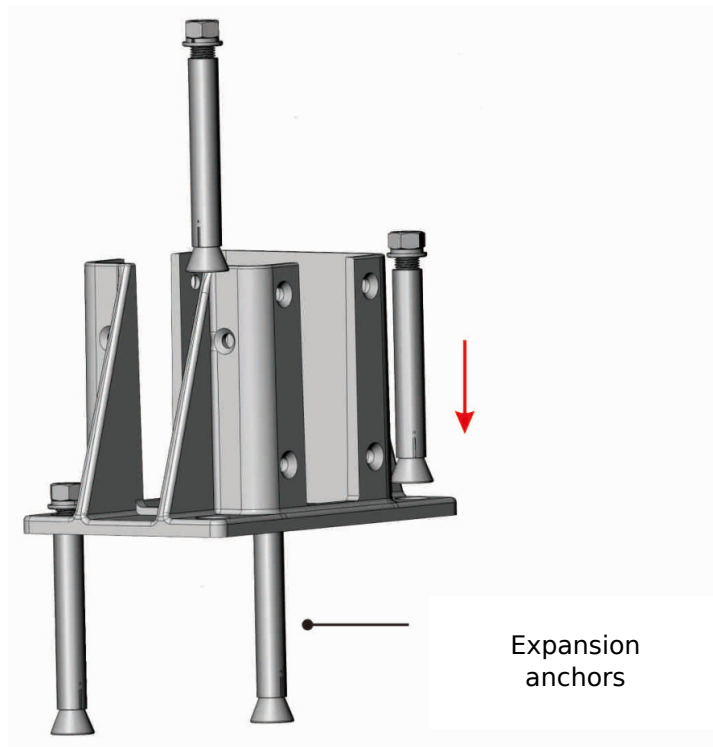
Drill the four holes

Remove the base. The illustrated detail shows four holes, each 12 mm in diameter and 60 mm deep.

Before drilling: Confirm the required hole diameter and depth for the supplied anchors and the concrete condition.

1A Secure bases and aluminum posts

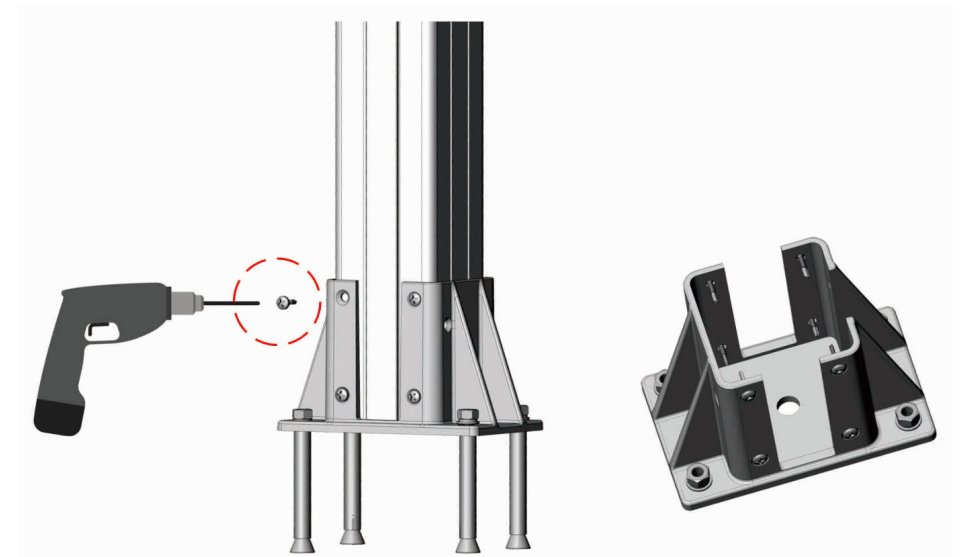
Surface mounting continued | After securing the posts, continue to Step 2 on page 8.



1A.5

Anchor each base

Fix the base to the concrete with the specified expansion anchors. Insert the post and check that it is vertical.



1A.6

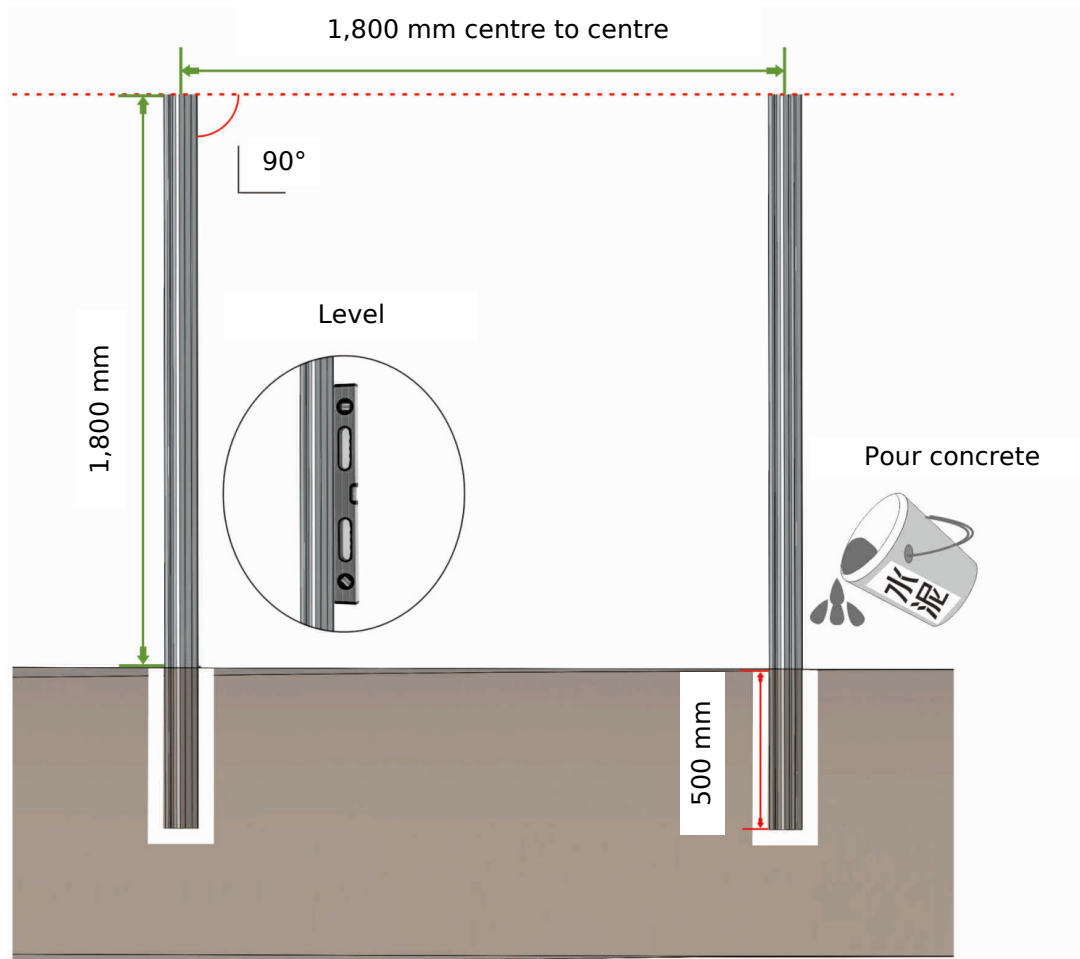
Fasten the post to the base

Use an electric drill to install the round-head self-drilling screws. The illustrated assembly uses eight screws in total.

Check before proceeding: Posts must be aligned, plumb and securely fastened to their bases.

1B Install in-ground aluminum posts

Alternative to Step 1A | Set aluminum posts in concrete footings, then continue to Step 2.



1B.1

Set out the posts

Position the posts at 1,800 mm centre-to-centre spacing. Confirm the spacing against the supplied panel kit.

1B.2

Keep the posts plumb

Place each post in its footing and check both directions with a level. Align the post channels with the fence opening.

1B.3

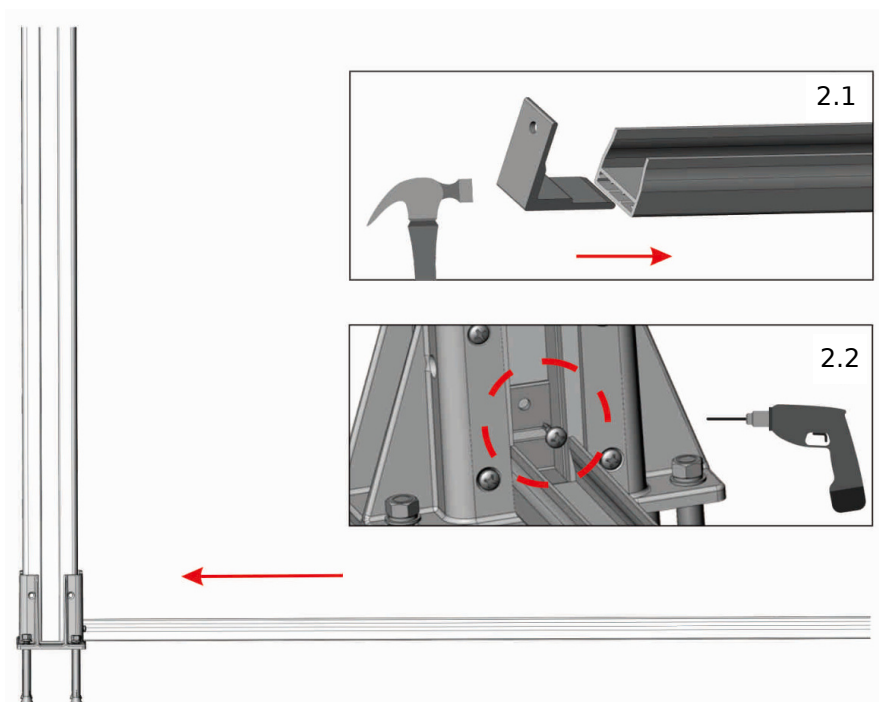
Set the posts in concrete

Maintain alignment and keep the posts vertical while the concrete sets. Assemble the panel after the posts are secure.

Confirm footing dimensions: The 500 mm hole depth is a reference detail. Final footing depth and diameter must suit the site, including soil, frost, wind exposure and local requirements.

2 Install the bottom rail

Fit the L-Brackets and secure both ends of the bottom rail to the aluminum posts.



2.1

Insert the L-Bracket

Tap an L-Bracket into the bottom rail in the direction shown.

2.2

Fasten the first end

Position the rail in the post groove. Fasten the L-Bracket to the aluminum post with the specified self-drilling screw.

2.3

Secure the opposite end

Repeat at the other post. Check that the rail is level and both fixings are secure.

Critical — bottom-rail screws: These screws support the weight of the boards. Fasten both L-Brackets securely to the aluminum posts before installing the boards.

3 Insert the fence boards

Slide the boards into the opposing post channels, one at a time.



Slide the boards down evenly from the top.

3.1

Start with the first board

Lower both ends into the opposing post channels and seat the first board on the bottom rail.

3.2

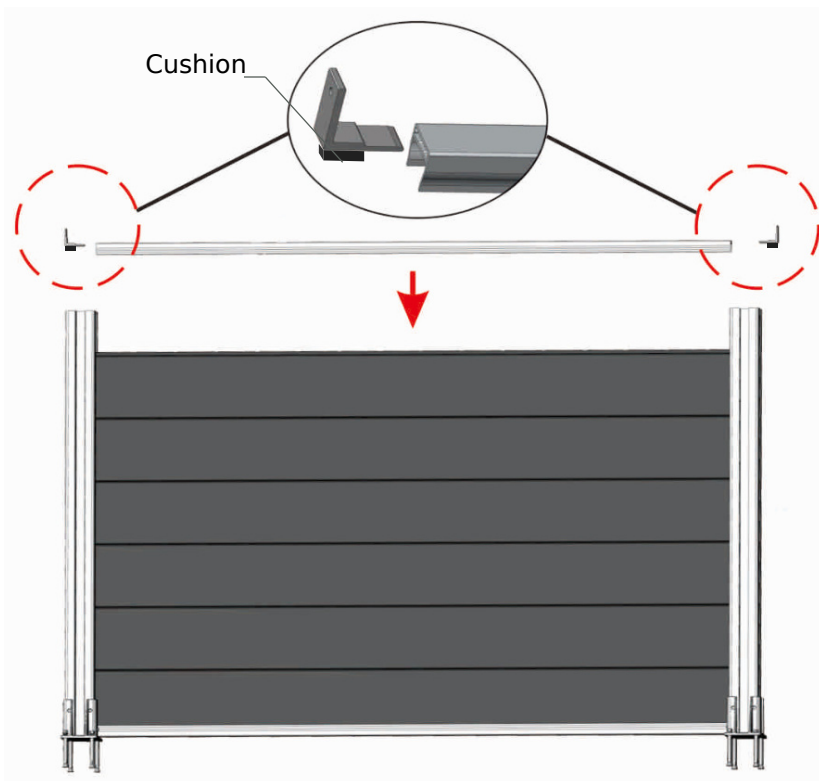
Build the panel

Continue adding boards from top to bottom, one at a time. Keep both ends engaged in the post channels.

- ☐ Check that the boards are evenly seated before fitting the top rail.

4 Install and secure the top rail

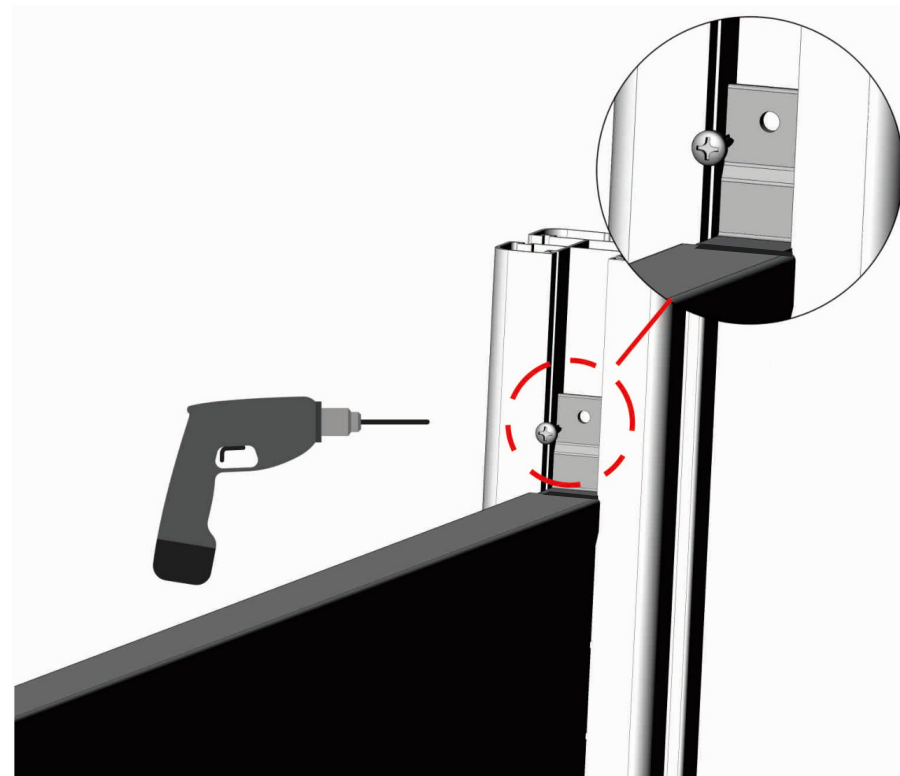
Fit a black cushion beneath each L-Bracket and follow the bracket direction shown.



4.1

Fit the L-Brackets and top rail

Place a black cushion beneath each L-Bracket. Tap the brackets into the rail ends, then lower the rail onto the boards.



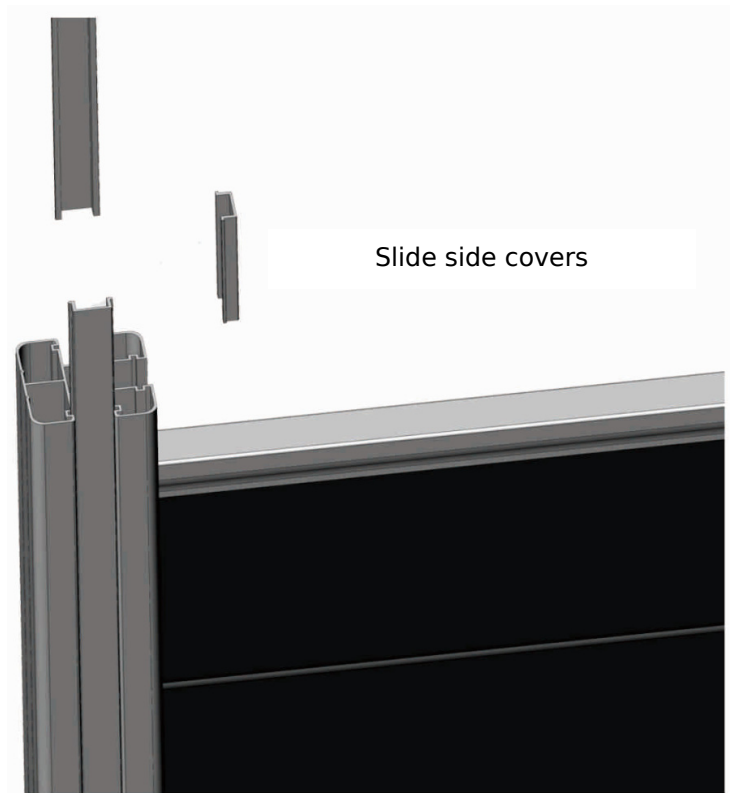
4.2

Fasten both ends

Drive the specified round-head self-drilling screws through the L-Brackets into the posts. Secure both ends in the same way.

5 Fit the side and inside covers

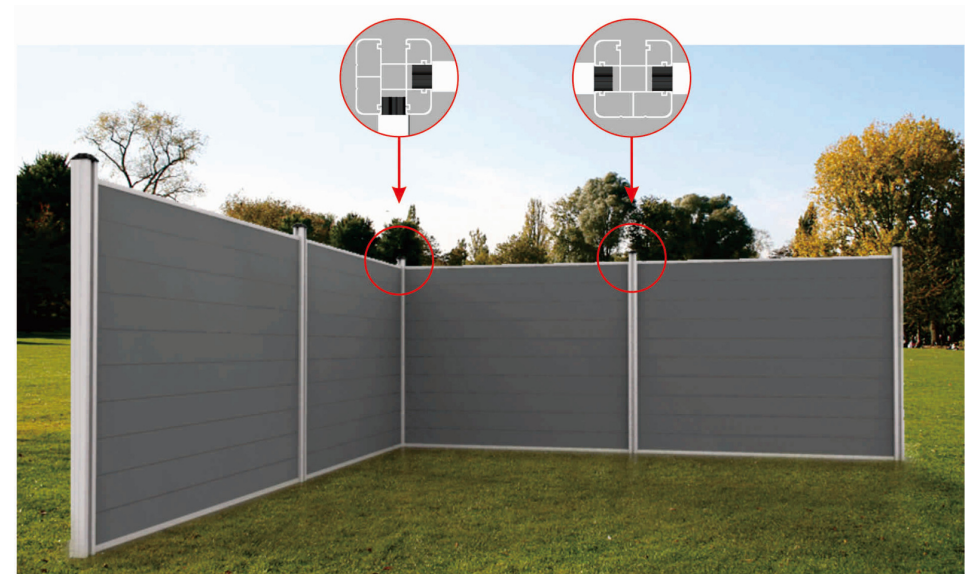
Close the remaining post grooves with the supplied covers.



5.1

Fit the covers

Slide the side covers into the post grooves. Install the **inside covers** as well, as shown.



5.2

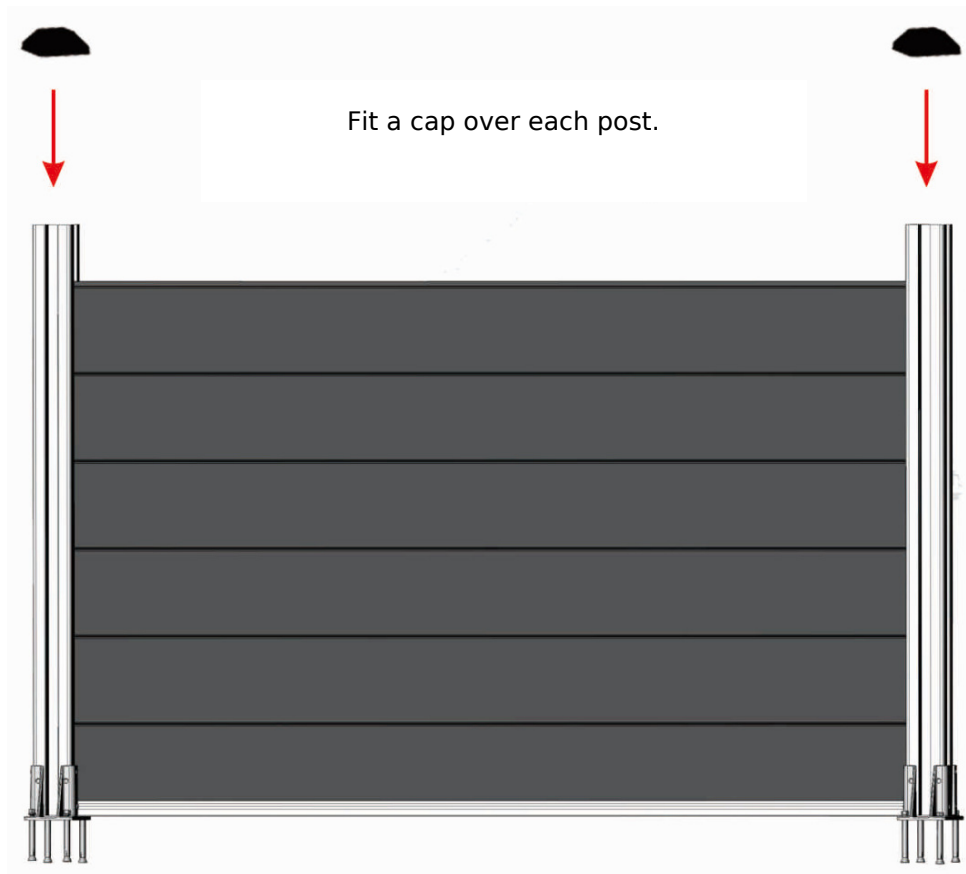
Check the post channel arrangement

Use the post channels for corner and straight sections as shown above.

☐ All covers are fully seated in their grooves.

6 Fit post caps and finish

Complete the panel and check the finished installation.



Finished full privacy panel.

6.1

Complete the panel

Fit the cap to the top of each aluminum post, as shown. Check that both caps are seated securely.

6.2

Final installation check

- ☐ Posts are aligned and plumb.
- ☐ Bases and fixings are secure.
- ☐ Rails are level and L-Brackets are fastened.
- ☐ Boards, inside covers, side covers and caps are seated correctly.

Installation support: info@neolinecomposites.com | 604-716-6661