



INSTALLATION MANUAL

Wood Composite Fencing

Supreme Collection - Composite Posts

Full privacy panels | Surface and in-ground mounting

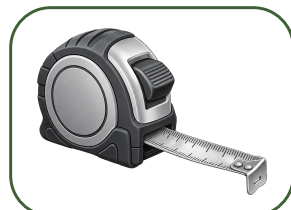
Before you begin

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

Tools



Pencil



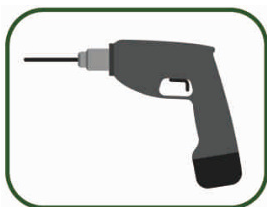
Measuring tape



Level



Table saw



Electric drill



Hammer drill

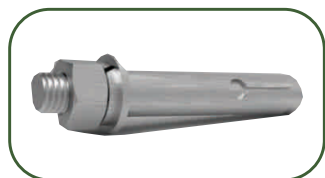


Hammer



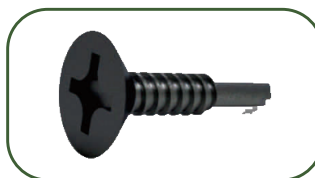
Earth auger

Hardware



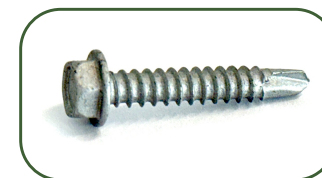
Expansion anchors

For surface-mounted post bases.



Flat-head self-drilling screws

For top-rail and cap connections
shown in this guide.



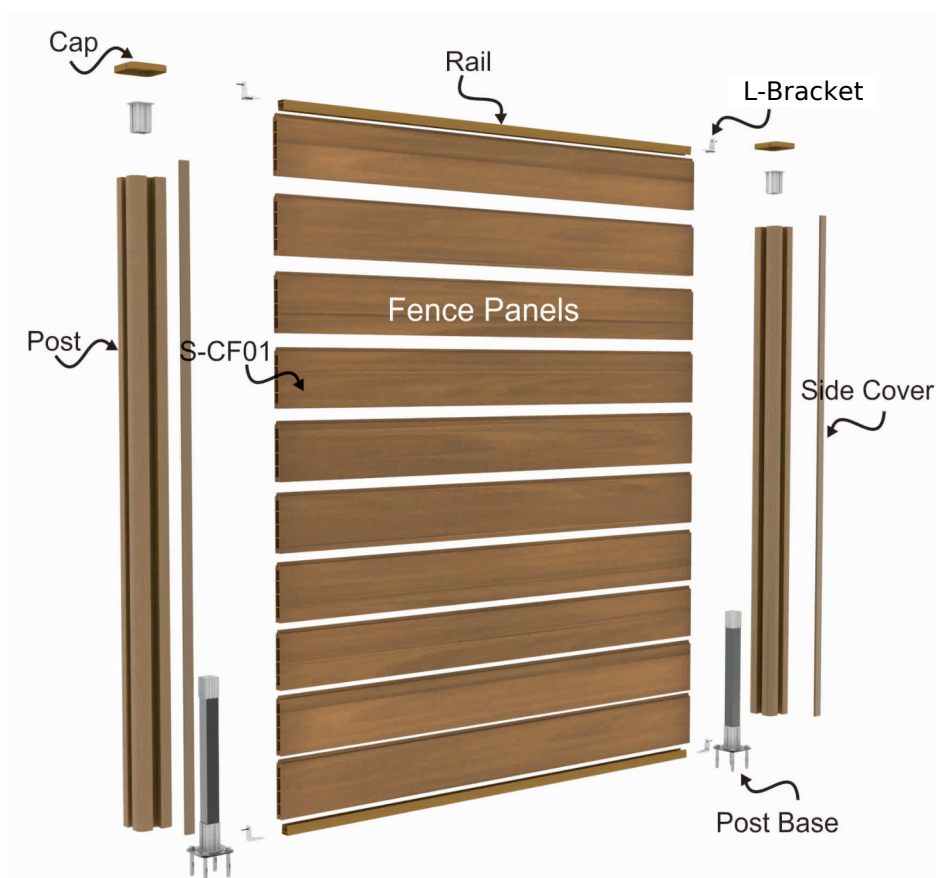
Bottom-rail screw

Hex-head self-drilling screw.
See the enlarged detail on page 7.

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 boards, steel supports, rails, brackets and fittings before assembly.

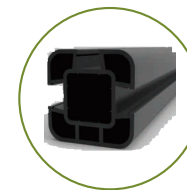


Exploded view of the full privacy panel assembly.

Match fittings A, B and C to the installation diagrams. Fit A and B before sliding the composite post over the steel support.



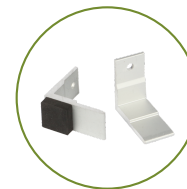
Fence board



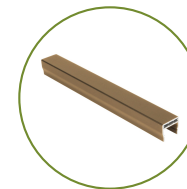
Composite post



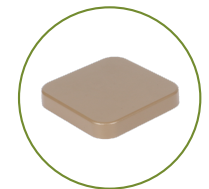
In-ground steel tube



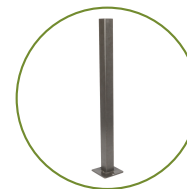
L-Brackets



Top and bottom rails



Post cap



Post base



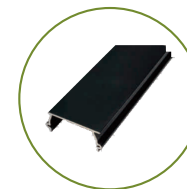
Plastic fitting A



Plastic fitting B



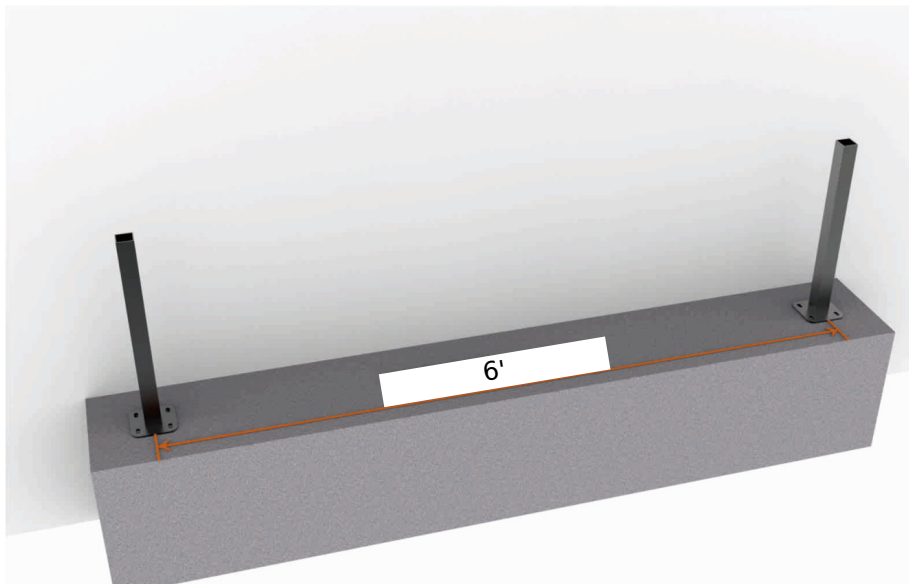
Plastic fitting C



Side cover

1A Install surface-mounted bases

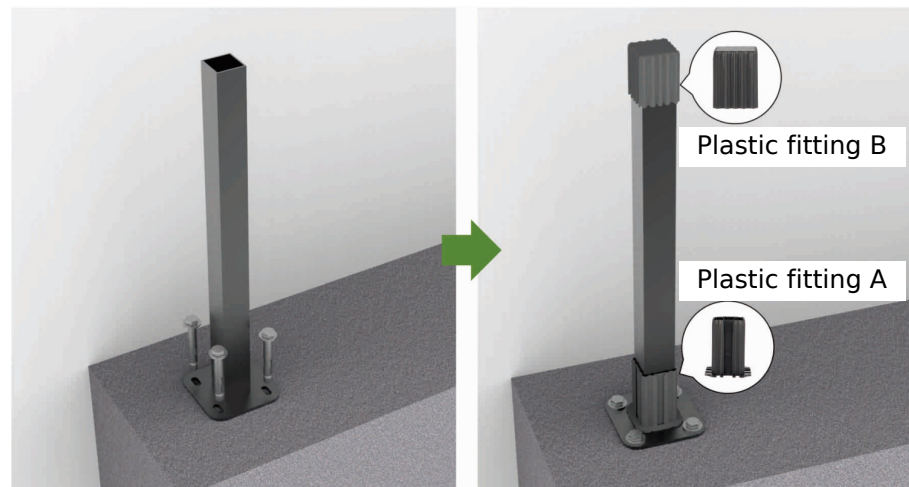
Surface mounting | Choose 1A or 1B to suit the site; complete one method, then continue to Step 2.



1A.1

Set out the bases

Position the steel post bases at approximately 6' centre-to-centre spacing. Check the spacing against the supplied panel kit before fixing.



1A.2

Anchor the base

Secure the base plate to suitable concrete with the specified expansion anchors. Keep the steel support vertical.

1A.3

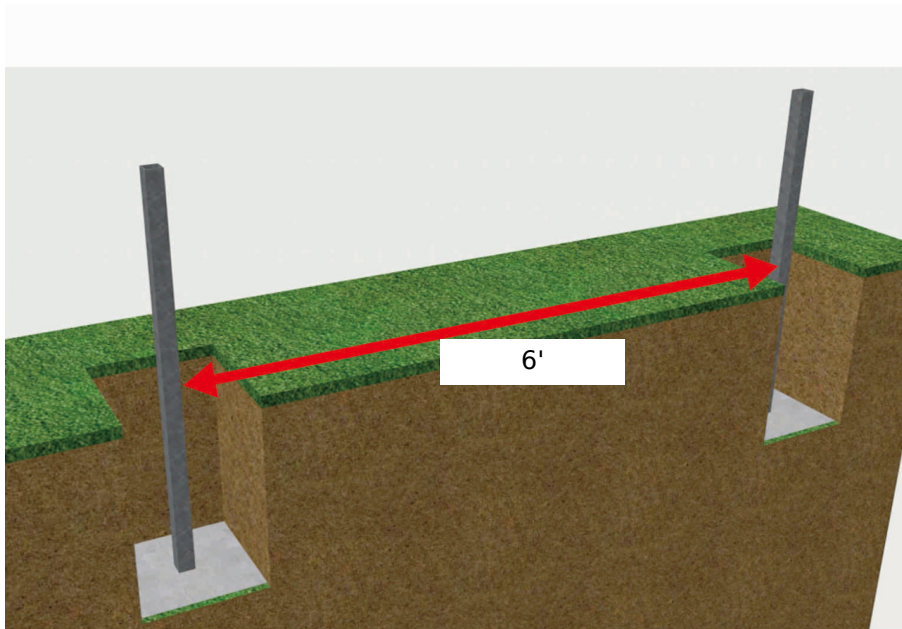
Fit A and B

Place fitting A at the bottom and fitting B at the top of the steel support, as shown.

Check before proceeding: Confirm the concrete and anchorage are suitable. Check that both supports are aligned, secure and plumb.

1B Install in-ground steel supports

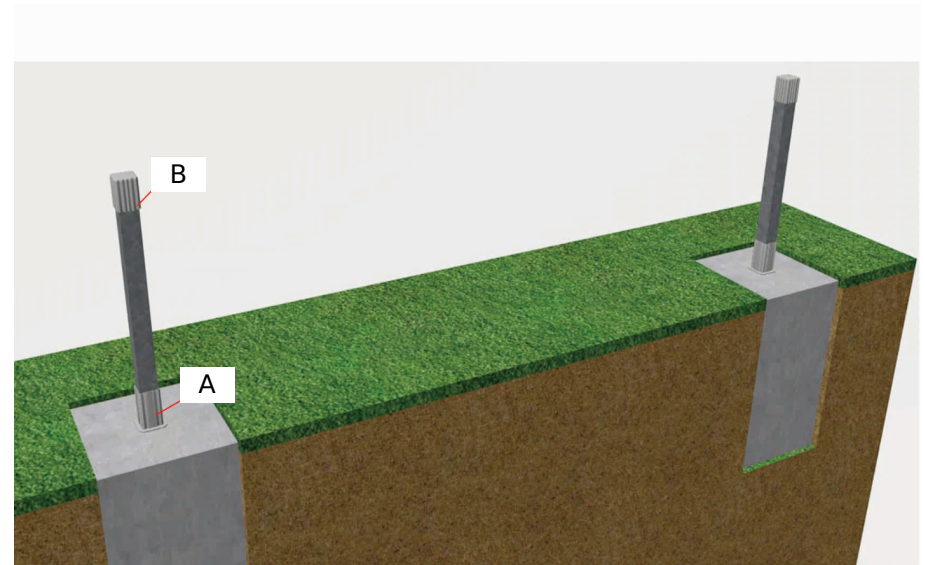
In-ground mounting | Alternative to Step 1A. Complete this method, then continue to Step 2.



1B.1

Set the steel supports

Maintain approximately 6' centre-to-centre spacing. Set each steel support vertically in its concrete footing.



1B.2

Fit the plastic supports

Once the support is securely set, install plastic fitting A at the bottom and fitting B at the top, as illustrated.

Confirm footing dimensions: The approximately 1.6' hole depth is a reference detail. Final footing depth and diameter must suit the site, including soil, frost, wind exposure and local requirements.

2 Fit posts and lower brackets

Complete the post sleeves before assembling the bottom rail.

2.1

Slide on the composite posts



Slide each composite post over the steel support and fittings A and B. Keep the post channels facing the fence opening.

2.2

Prepare the bottom rail



L-Bracket without pad



L-Bracket without pad



Tap the **L-Brackets without pads** into the ends of the bottom rail. Match the bracket direction shown in the illustrations.

Continue to page 7 to position and secure the bottom rail.

3 Secure the bottom rail

Use the bottom-rail screw shown here for this connection.



3.1

Position and level the rail

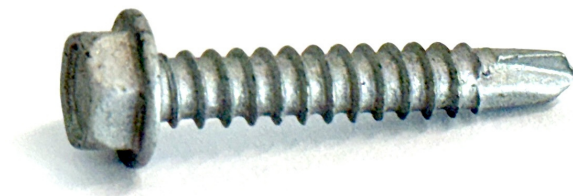
Position the assembled rail between the posts and check that it is level.

3.2

Secure the L-Brackets

Fasten both L-Brackets with the specified bottom-rail screws. For in-ground posts, drive each screw through the wall of the steel tube.

Bottom-rail screw



Hex-head self-drilling screw

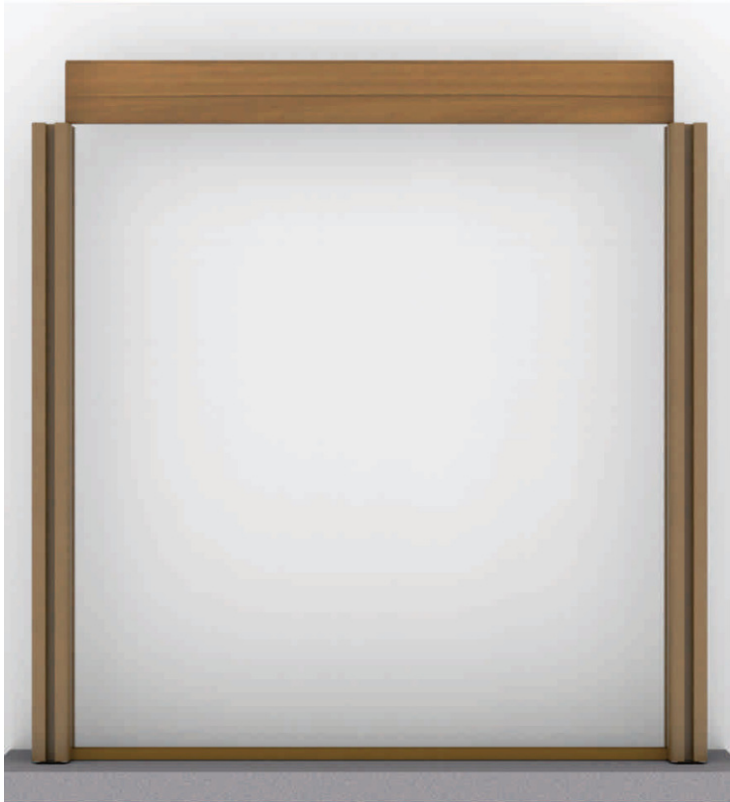
Use the screw size and quantity supplied or specified for your fence kit.

CRITICAL: BOTTOM-RAIL SCREWS

These screws support the weight of the fence boards. For in-ground posts, each screw must pass through the wall of the in-ground steel tube. Verify both connections before adding boards.

4 Insert the fence boards

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



4.1

Start with the first board

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



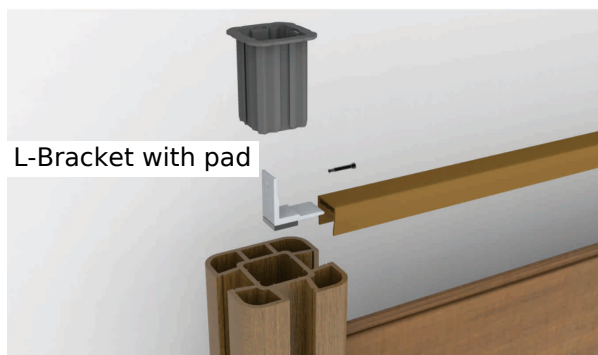
4.2

Build the panel

Continue adding boards one at a time. Keep both ends engaged and seat each board evenly.

5 Install fitting C and the top rail

Use the L-Brackets with pads for the top-rail assembly.



5.1

Prepare the rail

Tap the L-Brackets **with pads** into the top rail, following the illustrated direction.

5.2

Position fitting C

Fit C into the top of the post. Its **aluminum-sheet side must face the fence boards**.

5.3

Secure the top rail

Position the rail above the boards and fasten the brackets with the specified flat-head self-drilling screws.

6 Fit side covers and post caps

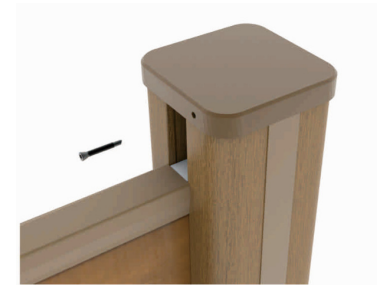
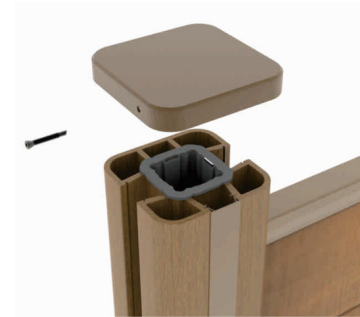
Complete the panel and check the finished installation.



6.1

Slide in the side covers

Insert the side covers into the unused post channels, as shown.



6.2

Fit and secure the caps

Place the post caps over fitting C and secure them at the illustrated fixing points.

6.3

Final installation check

- ☐ Posts are aligned and plumb; supports are secure.
- ☐ Rails are level and all specified fixings are installed.
- ☐ Boards, side covers and caps are seated correctly.

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