



Installation Guide:

Fresno Aluminium Pedestrian Gate System



Before you begin

Congratulations on purchasing your new Fresno pedestrian gate. When assembled, installed and maintained correctly, your gate should look great for years to come. Please read this guide carefully before starting.

This guide provides general assembly and installation advice and may not cover every site-specific scenario. If you need tailored support, contact the Urban Group team on 0800 80 33 26.

- This guide is not suitable for balustrades or installations requiring fall protection.
- Consult your PS1 and Urban Group for any project-specific requirements.
- Discuss special site conditions such as sloping land, high wind zones, or coastal locations before installation.
- Locate underground utilities before digging or fixing posts.
- Confirm local council and boundary fencing requirements before starting.
- Inspect all materials on delivery and report any damage within 7 days so a freight claim can be raised.

01

Tools & Equipment Required

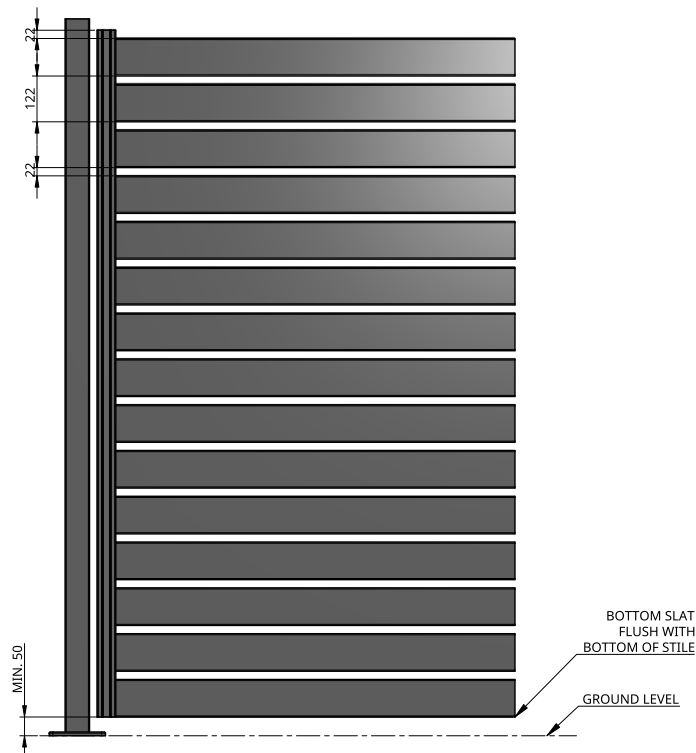
- Tape measure
- Level
- Battery or impact drill
- Mitre saw with suitable Aluminium cutting blade
- Saw stools / trestles
- Blocks or packers for hanging gate
- Pencil or marker
- PPE - gloves, eye protection, hearing protection

02

Cut Gate Stiles to Length

Before you begin the gate assembly, determine the finished gate height and width required for your opening.

To calculate the length to cut the gate stiles, first determine the finished height you require. Measure the distance to the ground, then divide this by 122 mm if you are using 22 mm spacers, or by 110 mm if you are using 10 mm spacers. Round your number down to the nearest full number. Add 15 mm to allow the stile to protrude above the top slat for the post cap.



STILE LENGTH EXAMPLE

Finished height = 1650 mm. $1650 \div 122 = 13.5$. Round down to 13. Then $13 \times 122 = 1586$ mm. Add 15 mm, giving a cut length of 1601 mm. Cut the gate stiles using a drop saw or suitable cutting saw with a fine-tooth blade designed for aluminium.

03

Cut the Slats to Length

Measure the clear width of the opening. Deduct the gaps required for the hinges and gate latch to determine your finished gate width. To calculate the slat cut length, deduct 30 mm from the finished gate width.

SLAT LENGTH FORMULA

Finished Gate Width – 30 mm = Slat Cut Length.

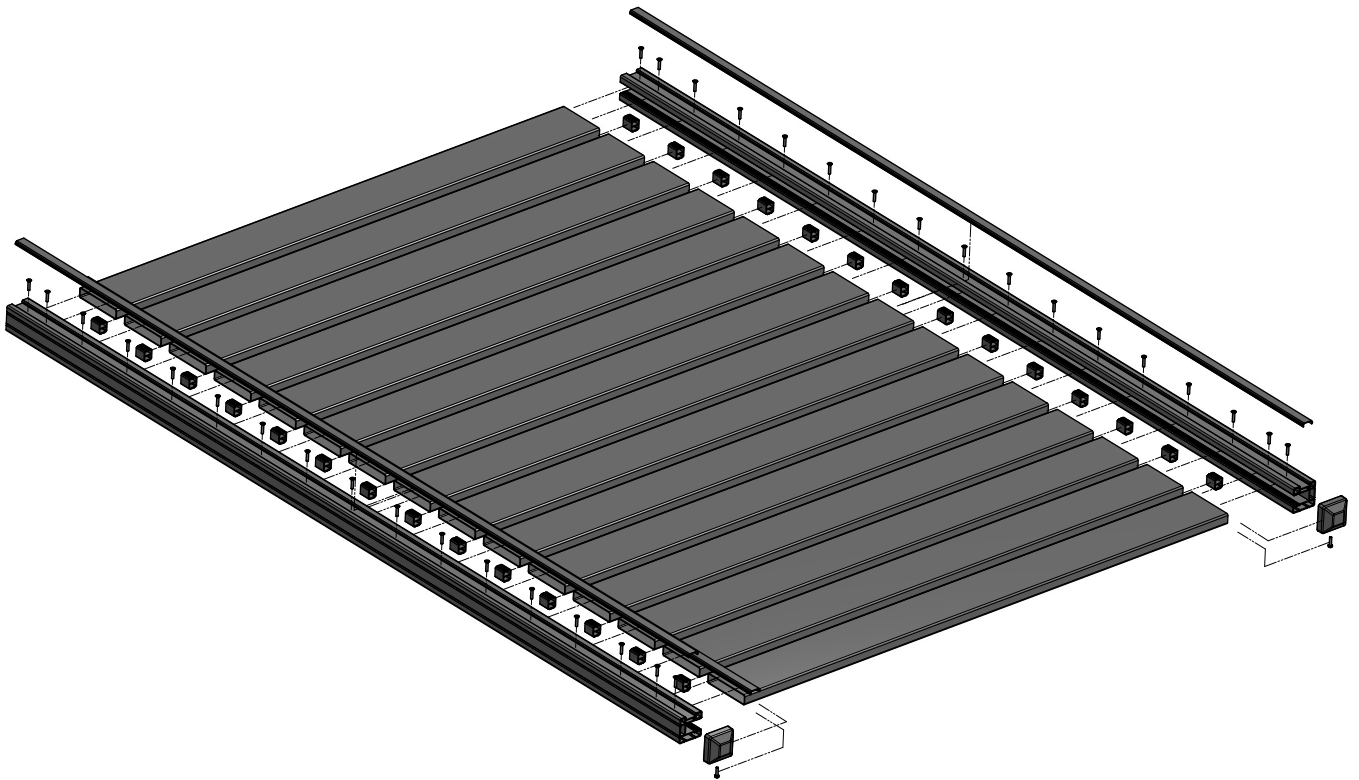
Cut the slats to this measurement using the same saw and suitable blade used for the stiles.

04

Assemble the Gate

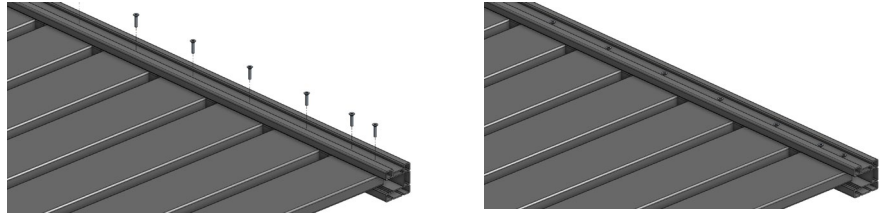
Lay the two stiles parallel to each other on trestles or saw stools. Assemble the gate progressively using the slats, spacers, and supplied fixings.

1. Lay the two stiles parallel to each other on the trestles or saw stools.
2. Insert the first slat into the stiles and ensure it is flush with the ends. This will form the bottom of the gate.
3. Fix this slat with one screw at each end.
4. Install a spacer into the channel in each stile so the spacer sits tight on top of the slat.
5. Install the remaining slats and spacers.
6. Check that the gate is parallel in both directions and square.
7. Fix the top slat to the stiles with one screw at each end.
8. Double check that the gate is square again and install two more screws into the top slat and four into the bottom slat (two each side).
9. Install two screws into each side of the middle slats and 1 screw into each end of the remaining slats as per the following drawing.



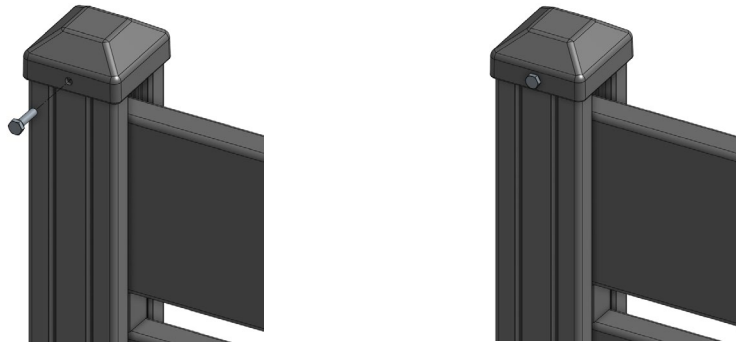
05

Assemble the Gate (continued)



After the main gate body has been assembled, cut the trim covers to the same length as the stiles and complete the final assembly items below.

- Re-check the gate is square then insert the trim cover into the post to hide the screws. Ensure the components are aligned correctly before driving the screws home.
- Install the two caps on top of the stiles and rivet or fix them onto the trim cover as required. This helps prevent the trim cover from dropping out when the gate is hung vertically.



ASSEMBLY CHECK

Before hanging the gate, confirm that the gate is square, slats are evenly spaced, trim covers are secure, caps are fitted, and all fixings are tight.

06

Hanging the Gate

Decide which side the gate will hinge from before fitting the hardware.

1. Install the two hinges onto the gate while it is still on the trestles.
2. A typical hinge location is approximately 150 mm down from the top and 150 mm up from the bottom.
3. Set up blocks or packers for the gate to rest on in the closed position.
4. Move the gate off the trestles and onto the packers.
5. Fix the gate hinges to the gate posts.
6. Install the latch as per the manufacturer's instructions.
7. Check that the gate opens and closes freely and that the clearances are correct.

TIP

Take time to set the packers correctly so the gate sits at the right height and remains level while the hinges are fixed.

07

Cleaning of Gate

Congratulations on the installation of your gate. Once installed, give the gate a light wash and clean off any swarf, drilling residue, or site dust.

Refer to the Urban Group care and maintenance guide for full cleaning instructions and the recommended cleaning frequency for your environment.

For ongoing care and maintenance tips, or to explore compatible accessories, visit Urban Group online or contact our team.

Auckland

71A Patiki Road
Avondale, Auckland
09 394 7250

Wellington

33 Tararua Road
Levin, Manuwatu
06 367 6363

Christchurch

17 Syd Bradley Road
Yaldhurst, Christchurch
03 260 5105

0800 80 3326

sales@urbangroup.co.nz
urbangroup.co.nz