

FENCING

This brochure provides everything you need to install your CMI Steel Fence with confidence.

Inside, you'll find a full breakdown of system components, tools required, and clear step-by-step instructions for assembly.

We'll guide you through planning, measuring, and installing your fence—plus tips for selecting colours and achieving a clean, professional finish.

Whether you're a first-time DIYer or an experienced hand, this guide makes it simple to get the job done right.

Why Choose CMI's DIY Steel Fencing System?

The CMI Fence is a great looking, high quality system designed specifically so that YOU can install it YOURSELF.

This DIY modular system is put together with components made from the highest quality Bluescope COLORBOND® steel and are manufactured by CMI to ISO 9002 to ensure design accuracy and that everything fits perfectly!

Components also come in a wide variety of colours so that you can choose a combination for your fence posts, sheets and rails that integrates with your house, garden and outdoor environment.

Installing your fence is simple; just pick up or order the components you need and assemble according to the instructions overleaf.

Planning & Preparation

Fencing Site Checklist

Before or when you order or pick up fencing materials, ensure you have answers to the following fencing site issues.

Understanding Soil Types

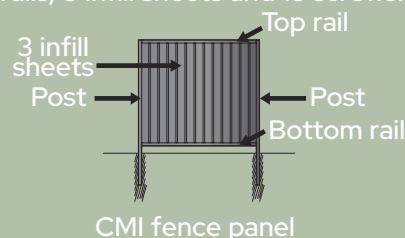
- **Soil Type:** Soil type affects concrete required for fence posts.
- **Rocky soil:** 1 x 20kg bag of concrete in hole 300mm deep.
- **Clay/Firm Earth:** 2 x 20kg bags of concrete in hole 600mm deep.
- **Sand/Loose Fill:** 3 x 20kg bags of concrete in hole 900mm deep.
- **Hole diameter:** minimum 200mm.

Things to Check Before You Start

- **Council regulations:** Check your local council regulations on boundary fencing.
- **Wind/Marine Conditions:** Severe wind and saltwater conditions can affect performance of your fence. If your property is in a high-wind area, near the ocean, or borders a pool, contact your nearest CMI branch for advice. Branch contact details are listed on the back of this guide or at www.cmiwa.com.au
- **Underground Services:** Ring |100 'Dial before you dig' to ensure you know the whereabouts of underground services such as electricity, gas and water mains.

Components

The CMI fence panel includes 2 posts, 2 rails, 3 infill sheets and 15 screws.



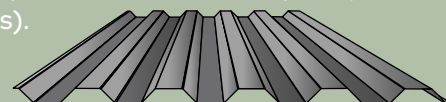
CMI fence panel

Infill Sheets

CMI COMCLAD sheeting (0.35mm bmt).
Sheet width 830mm (3 per panel - 2370mm wide panel).
COLORBOND® (both sides).



CMI BEST MATE sheeting (0.35mm bmt).
Sheet width 815mm (3 per panel - 2370mm wide panel).
COLORBOND® (both sides).

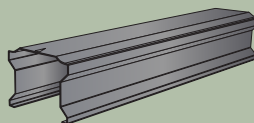


Gate Posts/ End Posts

Single Gate Post/End Post: 65mm x 65mm.
Double Gate Post: 65mm x 65mm.
Stock length 2400mm.
Powder coated or Galvanised.
Custom Gate/End Posts Made to Order/P.O.A.



Gate Post / End Post



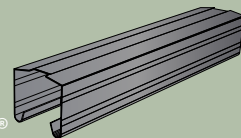
Fence Post

Fence Posts

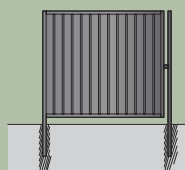
Stock length 2400mm. COLORBOND®

Universal Rails

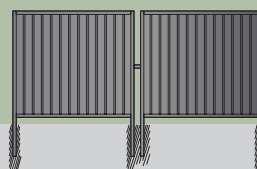
Stock length 2360mm. COLORBOND®



Top / Bottom Rails



Single Gate



Double Gate

Gates

Standard Single Gate: For 1.8m

1.8m fence with 2900mm opening.
Custom Gates Made to Order/P.O.A.

Accessories

Pre-painted 10x16 Hex Head Self-Drilling Screws.
(No Neoprene Washers).
15 screws per panel.

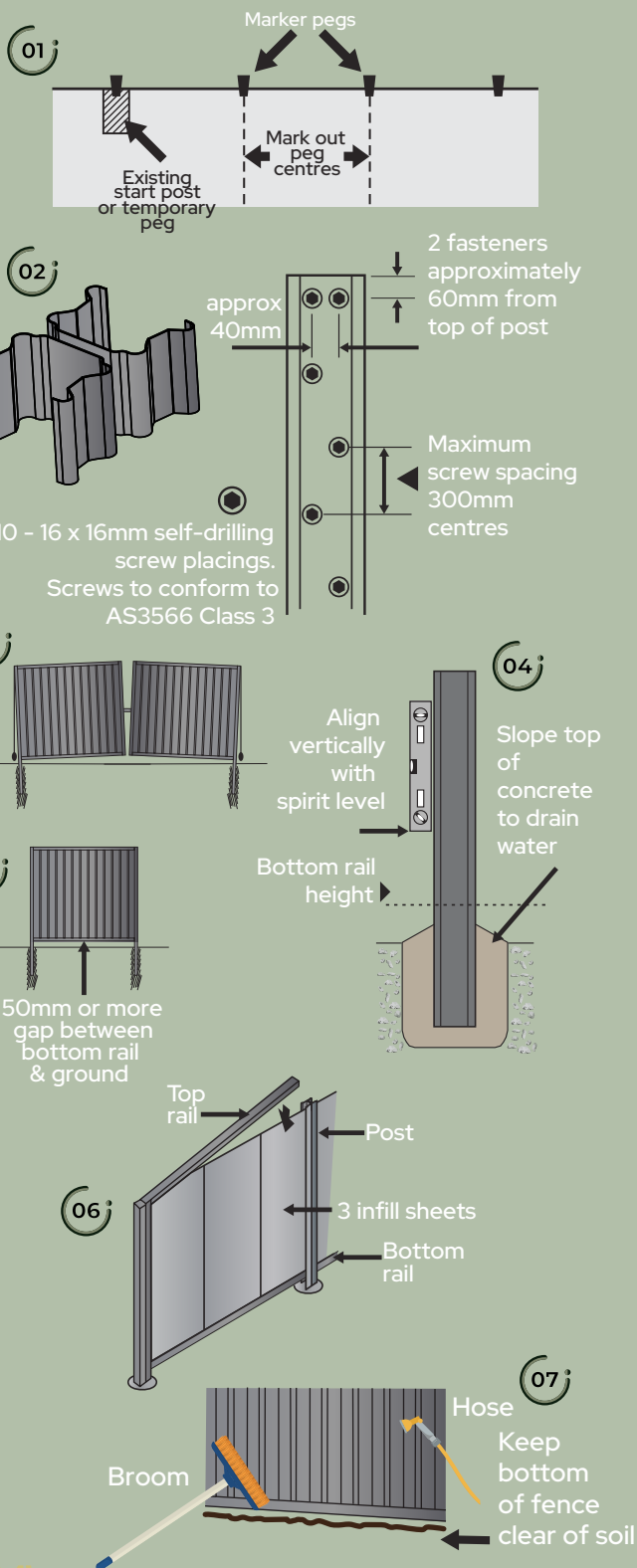


Installation Overview

Your DIY Guide to Installation Step by Step Guide

Equipment Checklist

- | | |
|--|---|
| ☐ Screwgun with clutch | ☐ Shovel/Spade |
| ☐ Spirit/Magnetic Level | ☐ Wheelbarrow |
| ☐ Rubber Mallet | ☐ Nibbler/Tin Snips (optional) |
| ☐ String Line & Pegs | ☐ Concrete Mixer (optional) |



Marking Out Post Holes 01

Identify fence line and mark it out with a line of string. Mark the starting point "End Post" with a peg and continue to place a peg at each post centre every 2370mm (or rail length plus 10mm) along the line. You can use the bottom rail (2360mm) as your measure (remember to add the 10mm). Dig hole at the site of each peg 200mm in diameter and either 300mm deep (in rocky soil) or 600mm deep (in clay or firm earth). Holes should have straight sides or be slightly wider at the base.

Sloping Sites: Fence panels can be stepped on slopes or raked (preferable) for better visual appeal and strength. Raking requires the use of tin snips or a nibbler to cut the infill sheets at an angle.

Assembling Posts 02

Begin post assembly by fastening open channel posts together to create your intermediate fence posts. Start with two fasteners approximately 60mm from the top of the post, with further fasteners being placed 300mm apart. 7 screws per assembly.

Installing Gates 03

Gates should be installed prior to erecting your fence. Postholes for gates needs to be 10mm deeper than fence postholes. Position your posts and gates, chocking centre of gates to compensate for deflection caused by the weight of the gates. Use a plumbline to tilt the top of the gateposts 10mm off vertical.

Fixing End Post in Ground 04

Place your first post in its hole and adjust to correct height. Support with temporary brace. Fill hole with fully mixed, wet concrete and slope top of concrete away from post to drain away water. Remove gates from posts (if applic.) and allow at least 2 days for concrete to set.

Installing Fence Posts 05

Insert bottom rail between posts to determine exact locations of next post. Adjust bottom rail to correct height (with minimum gap of 50mm above ground) and screw fix the rails. Place top rail into post and fix (temporarily) with self-drilling screws (quarter tighten).

Check that the top rail sits 2mm above posts (to reduce risk of injury). Continue this process until fence length is finished and allow concrete to cure overnight (longer if wet weather).

Installing Infill Sheets 06

Unscrew the top rail and remove. Fit 3 infill sheets into each bottom rail, overlapping the sheets as shown. Starting from one end, place the top rail on infill sheets, and reattach top rail to each post with self-drilling screws on both sides. Once completed, hose down fence to remove any swarf.

Maintaining Your Fence 07

Keep your fence looking great is as simple as hosing it down every so often with water and using a soft broom to remove cobwebs.

Keep the bottom of the fence clear of soil or mulch and avoid spraying the fence with garden sprays or fertiliser. If this occurs, hose the fence immediately with water to avoid discolouration.

Installation Overview

Installing Plinths

01 Set the First Post

Position the first post with the channel open toward the direction of the fence. (Include 50x50 RHS when retaining above 2 plinths), then set in concrete.

Sloping Sites: Fence panels can be stepped on slopes or raked (preferable) for better visual appeal and strength. Raking requires the use of tin snips or a nibbler to cut the infill sheets at an angle.

02 Install Bottom Fence Rail (Optional but Recommended)

Slide a universal fence rail into place with the channel opening facing up. Level it and screw it off at the post.

03 Set the Second Post

Position the second post. For mid-posts, screw two posts back-to-back. (Include 50x50 RHS when retaining above 2 plinths), then concrete in place.

04 Insert the Plinth (Comwall)

Slide the CMI Comwall into the post channels, ensuring the plinth is level.

05 Install Top Fence Rail Above Plinth

Slide a universal fence rail into place with the channel opening facing up and screw off at the posts.

06 Secure the Plinth (Optional)

You may choose to fix a screw through the rail into the top of the Comwall for added support.

07 Install Fence Sheeting

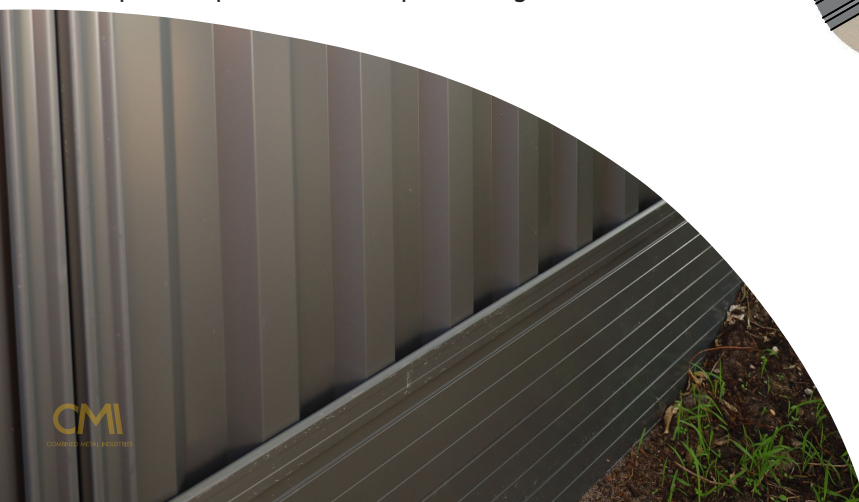
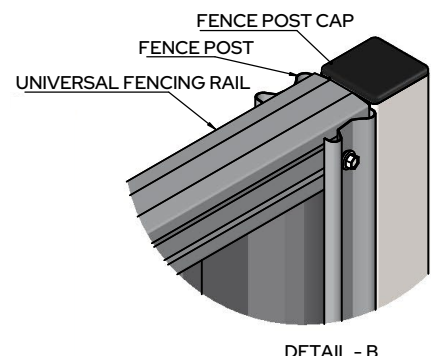
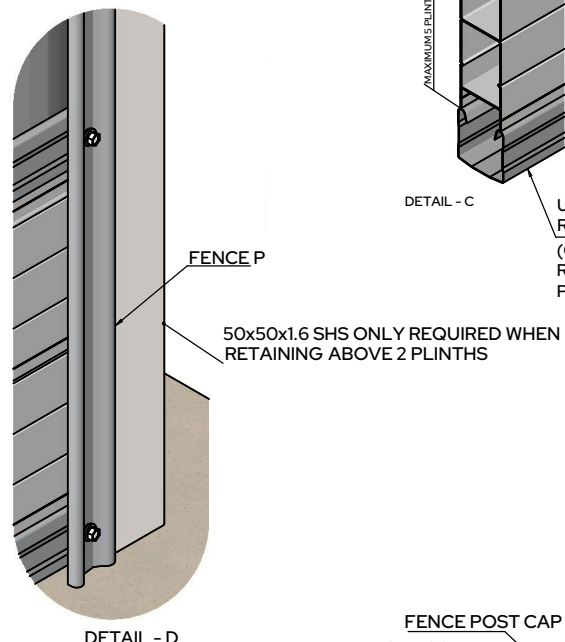
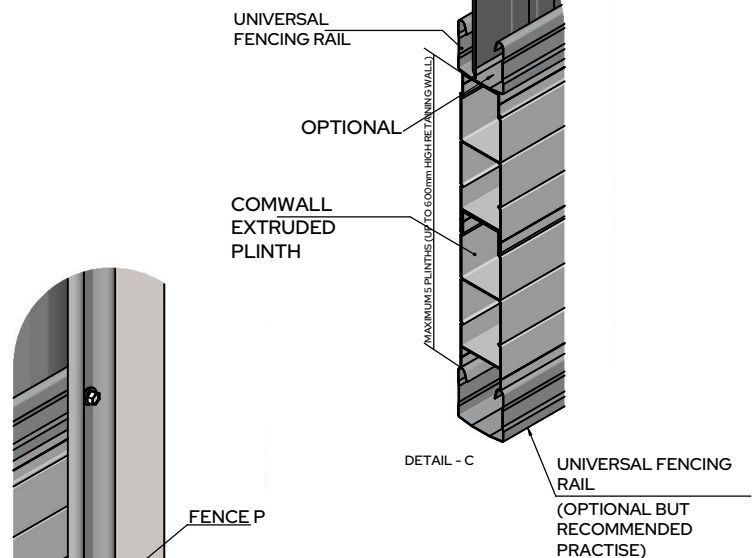
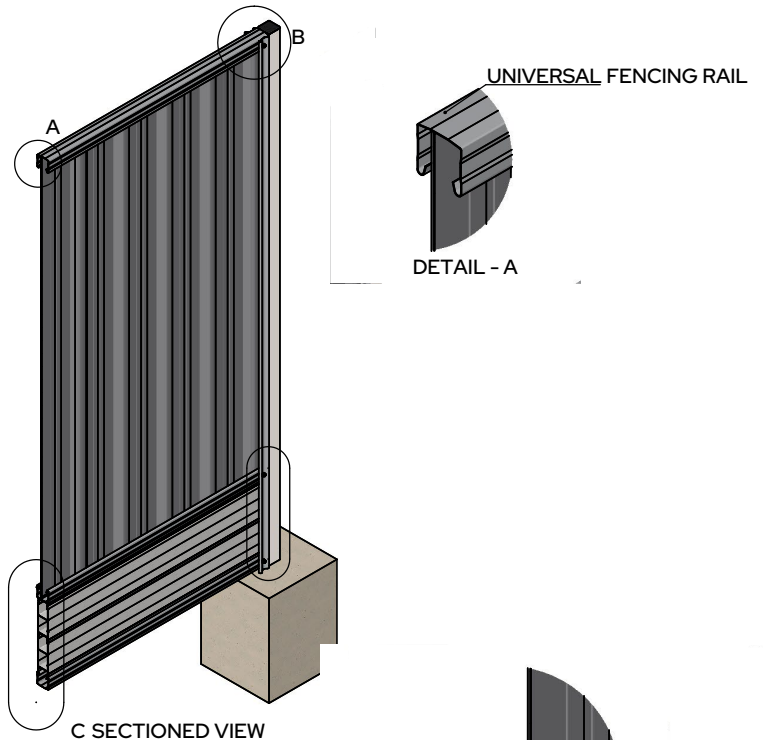
Slide the fence sheeting into place above the plinth and rail.

08 Cap Off with Top Rail

Finish by capping the sheeting with a universal fence rail and screwing off at the posts.

09 Repeat as Needed

Repeat the process for each panel along the fence line.



COLORBOND® Colour Selection

Customise your fence to suit your style.

CMI Steel Fencing is available in a wide range of COLORBOND® steel colours, allowing you to mix and match fence posts, rails, and infill sheets to complement your home, garden, and outdoor space. Whether you prefer classic, modern, or bold tones – there's a colour combination to match your vision.

Speak with your local CMI branch for colour samples and advice.

Note: Actual colours may vary from printed samples. Always confirm with a physical swatch prior to final selection.



Monument®



Woodland Grey®



Basalt®



Ironstone®



Bluegum®



Shale Grey™



Riversand®



Evening Haze®



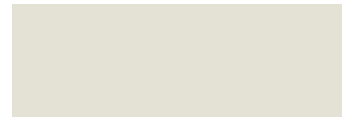
Dune®



Domain®



Paperbark®



Surfmist®



Wollemi®



Wilderness®



Pale Eucalypt®



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COMBINED METAL INDUSTRIES



Colorbond®

