

Zero-Maintenance Black Metal Privacy Fence Kit — Complete System

Complete Kit Installation Guide

A complete all-steel system in one shipment: steel posts, framed steel panels, top and bottom rails, U-channels, carriage bolts, and an illustrated guide, no cutting, welding, or sourcing parts from three suppliers. These FireSmart panels are hurricane-tested and weatherproof, with 2mm welded frames and 26-gauge galvanized DualCoat infill painted both sides. Backed by a 40-year warranty. Sizes 4x6 to 8x8 in 7/8" Corrugated or Deep Groove, in Black, Grey, Brown, Corten, or Gal

Note. This kit supplies its own posts. You do not need to buy posts separately.

This product

Sizes	4' x 6' · 4' x 8' · 5' x 6' · 5' x 8' · 6' x 6' · 6' x 8' · 7' x 6' · 7' x 8' · 8' x 6' · 8' x 8'
Colours	Midnight Black · Coastal Gray · Coffee Brown · Corten Steel
Options	7/8's Corrugated · Deep Groove/Ribbed
Configurations	80
Example SKU	FMFP-4x6-78C-BK

Receiving and handling

- Your panels were manufactured to precise standards and stacked straight out of the machine into a clean, organized bundle, then loaded by forklift. That minimises scratches in production and transit.
- **Lift sheets straight up — never slide them across one another.** A panel edge acts like a key and will cut through paint or finish on the sheet below.
- Take only a few sheets at a time, one person on each side. Edges are sharp: wear work or garden gloves.
- Each stack ships with a protective top and bottom sheet. They are sacrificial — discard them once you have unloaded.

What you will need

- | | |
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| <ul style="list-style-type: none">• Post hole digger or auger• Drill with metal bits• Level | <ul style="list-style-type: none">• Tape measure• Wrenches or sockets• Concrete mix |
|---|---|

- Work gloves
- Clamps (optional but helpful)

Working out your posts

Post length	Panel height + 3 ft, rounded up to the stocked ladder — 6 ft, 9 ft or 12 ft.
How many	One post per section, plus one end post to close each run, plus one more for every gate.
Hole depth	About 3 ft for a 6 ft fence. Go deeper if your local frost line requires it — check your municipality.
Concrete	Fill while holding spacing and alignment. Brace the posts and let the concrete cure 24–48 hours before hanging anything.

Specific to this product

Corten will stain what sits under it	Weathering steel sheds rust-coloured runoff for its first season while the patina stabilises. Do not install directly above pale paving, render or decking you care about without a drip edge or a sacrificial gravel strip.
Going tall (7' x 6' · 7' x 8' · 8' x 6' · 8' x 8')	A taller panel is a bigger sail. Increase post depth beyond the 3 ft baseline, and consider a wider hole and more concrete on any exposed or windy run. Post length is still panel height plus 3 ft — a 8 ft panel needs a 12 ft post from the ladder.
Everything is in the box	Posts, framed panels, top and bottom rails, U-channels and hardware ship together. Lay the components out and count them against the packing list before you dig — it is much easier to find a missing bolt at the start than halfway down the run.

Installing this product

- 1 Set the posts**

Mark the line and space posts to your panel width. Dig roughly 3 ft for a 6 ft fence — adjust for your frost line. Set plumb, concrete, brace, and cure 24–48 hours before going further.
- 2 Vertical U-channels**

Place a vertical U-channel on the inside face of each post at your chosen bottom height. Check both are plumb and parallel, then fasten through the pre-drilled holes with the supplied self-tapping screws. Confirm the spacing matches your panel width before you commit.
- 3 Bottom horizontal channel**

Dry-fit the bottom channel between the two verticals to form the base of the frame, then bolt through the pre-drilled holes with the supplied bolts, washers and nuts. Level it before final tightening.

4 Drop the panel in

Slide the panel down between the vertical channels until it seats fully in the bottom channel. Centre it so the clearance is equal on both sides. For extra rigidity you can fix the panel to the channel lip with self-tappers or rivets.

5 Top horizontal channel

Set the top channel over the panel edge, align with the tops of the verticals, and bolt home with the supplied carriage bolts and nuts to close the frame.

Before you call it done

- Every bolt fully tightened.
- Panels snug in their channels with no rattle.
- Frame square, plumb and level.
- Consistent reveal between panel and post along the whole run.

Cutting, drilling and sealing

Every cut and every drilled hole exposes bare steel. How you make that cut, and what you do to it afterwards, is what decides whether the edge lasts as long as the panel.

DO

- **Cut cold.** Tin snips, a nibbler, or a circular saw fitted with a fine-tooth carbide metal-cutting blade. These shear the steel without heating it.
- **Cut with the finished face down** when using a saw, so the burr forms on the back and the visible face stays clean.
- **Support the sheet close to the cut** so it cannot flex and distort the profile.
- **Drill, do not punch.** Use a sharp metal bit at moderate speed and deburr the hole afterwards.

NEVER

- **Never an abrasive wheel, chop saw or angle grinder with a cutting disc.** The heat burns the zinc and paint back from the edge — rust will start at that cut and travel.
- **Never cut over other panels.** Hot filings land on the finish and embed, and every one becomes a rust freckle.
- **Never leave swarf on a panel.** Sweep filings off immediately, before they sit in dew overnight.

SEALING THE CUT EDGE

Galvanized / dip-coated steel and wire	Touch the cut edge with a zinc-rich cold-galvanizing compound. The galvanizing protects a small exposed edge sacrificially, but a cut end or a snipped wire deserves the touch-up.
HDP-painted panels and sheet	Deburr, then apply matched touch-up paint to the cut edge. Two thin coats beat one thick one.
Corten weathering steel	Leave it. Corten is designed to rust to a stable protective patina — a cut edge simply joins in. Do not seal or paint it.
316 stainless	Deburr and clean. Avoid contaminating it with carbon-steel filings from another cut — that is what causes surface rust spotting on stainless.

Cut edges that are burnt or left bare are the most common cause of early edge rust, and damage from improper cutting is not a finish defect.

Maintenance and upkeep

These systems are built to be left alone. The upkeep below is what keeps the finish warranty intact — it is not a chore list.

Twice a year	Rinse with a hose. Where road salt, coastal spray or livestock is involved, rinse more often — salt left sitting is what shortens a coated finish.
Cleaning	Mild soap and water with a soft brush or cloth. Rinse it off. Never a pressure washer at close range, never an abrasive pad, never a solvent or bleach-based cleaner — all of them cut the finish.
Scratches	Touch up promptly with matched paint or, on galvanized, a zinc-rich compound. A scratch left through a winter becomes an edge rust line.
Fixings	Check bolts and fasteners after the first season and every couple of years after. Ground movement and thermal cycling loosen hardware; a loose panel wears at its contact points.
Vegetation	Keep soil, mulch and dense planting off the panel base. Constant damp against steel is the one condition that beats any coating.
Corten weathering steel	Leave it entirely alone. The patina IS the protection and it takes months to stabilise. Do not seal, paint or scrub it. Expect rust-coloured runoff during the first season — keep it off pale paving and render.

Warranty

BarrierBoss warranties are set **by component**, not by product:

COMPONENT	TERM
Steel, wire and factory finish	40-Year Warranty
Factory assembly	5-Year Limited Workmanship
Corten weathering steel	No coating warranty — the patina is intentional and protective

Installation is the installer's responsibility. Concrete, hole diameter and depth, frost-line allowance, and setting panels square, plumb and level are down to the installer. Damage from improper installation or from cutting with an abrasive wheel is not covered.

BarrierBoss — made, moved and unloaded by us. Delivered and unloaded on your property.
Questions about your install? Contact us before you cut, drill or concrete — we would rather answer first.