



2.5" x 2.5" Galvanized Post

PRODUCT DATA SHEET

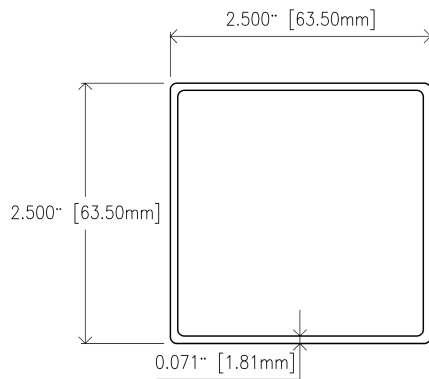
U.S. Patent 11,066,846 B1

PART: 2.5" Post
REV: F
DATE: 2026-07-19
SHEET: 1 of 1

DESCRIPTION

Cold-formed galvanized steel support post for the patented ecFence privacy fence system. Set first in concrete footings, the post receives the ecStarter and each ecPanel course that builds the run. Galvanized substrate with powder-coat topcoat available in standard ecFence finish colors. Engineered to FBC 2023 HVHZ (ASCE 7-22), PE-sealed, for fence heights up to 6 ft — residential and commercial perimeter applications.

DRAWINGS



CROSS-SECTION



ISOMETRIC

SPECIFICATIONS

Coating, Substrate	G60 pre-galvanized	Outside dimensions	2.5 x 2.5 in (63.5 x 63.5 mm)
Coating, Topcoat	Powder coat per AAMA 2603	Standard length	8 ft (96 in)
Weight, per post	19.23 lb (8.72 kg)	Field-cut range	1 in to 96 in
Bundling	45 pieces / bundle	Section modulus, S _x	0.5452 in ³
		Wind rating (system)	115 MPH · Exposure C · up to 6 ft*
		Engineering reference	Drawing S-1 (Florida) — fences up to 6 ft



DURABLE



ROT-PROOF



TERMITE-PROOF



LOW
MAINTENANCE

FINISH COLORS

PRODUCTION

● Natural Bronze ○ Arctic White

COMING SOON

● Foggy Gray ● Midnight Black

INSTALLATION & FASTENING

POST SETTING

Set in 3000 PSI concrete footing, 12" Ø x 2'-6" deep. 2'-0" post embedment, 6" of concrete below post. Post spacing 6'-0" o.c.

POST SPACING

Fence Height	Spacing	Post Length
4 ft	6'-0" o.c.	6 ft
6 ft	6'-0" o.c.	8 ft
8 ft+	—	Use 3" x 3" post

Per ecFence engineering reference S-1.

FIELD CUTTING

Field-cuttable to length. Use ferrous-metal-rated tooling: compact band saw suggested; chop saw or grinder also acceptable.

STORAGE & HANDLING

Posts ship without stretch wrap, foam, or cardboard separators and may be stored outdoors, individually or in bundles. If any such packaging is added for storage, keep posts indoors or under fully waterproof cover instead — packaging held against the finish can trap moisture and stain the powder-coat.

*Engineered to FBC 2023 HVHZ (ASCE 7-22), PE-sealed. Wind ratings are per fence height. Installations over 6 ft to 8 ft require a 3 in (76.2 mm) x 3 in (76.2 mm) post (specified; supplied by others) set per Drawing S-1 (8 ft). PE-sealed drawings for permitting available from ecFence.