

Builders Fence Company, Inc. **BFC**

The Professionals' Choice in Ornamental Iron

RESIDENTIAL FENCING



ROSETTES
(FRONT AND BACK)



3/16 PLATE



FLAT BORDER

Builders Fence Company, Inc. is one of the leading manufacturers of ornamental iron fences, gates and security products in the United States. With five branch facilities located in Los Angeles, Fontana, Sacramento, San Diego, and Tacoma, we annually supply tens of thousands of ornamental iron panels for delivery nationwide. For over 47 years, we have been supplying ornamental iron fence for industrial, commercial and residential applications. BFC's highly skilled, experienced craftsmen design and fabricate, in-plant, all fence material and hardware under the most demanding standards of quality control. The specialized production methods used at BFC are further assurances of enduring quality and beauty.

- Single swing, double swing, ground track sliding & full cantilever slide gates
- All welded construction; ready for installation
- All styles modifiable to meet design requirements
- Wide range of finishes available
- Color matching of all colors
- Hardware ranges from full security systems to basic self-closing hinges and locking mechanisms



BFC RESIDENTIAL

BFC Residential Iron Fencing adds both beauty and security to any home.

STANDARD HEIGHTS TO GROUND LEVEL:

3', 4', 5', 6'

STANDARD PANEL LENGTHS:

94", 120" & 143 1/2"

STANDARD TUBE SIZES:

PICKETS (SQUARE) 5/8" X 5/8" 18 ga.

RAILS (SQUARE) 1" X 1" 16 ga.

RECOMMENDED FINISH: Galva-Guard I

Note: See page 3 for optional finishes.

GATE AVAILABILITY:

Single swing, double swing, ground track sliding & full cantilever slide gates.

Custom lengths can be manufactured at either nominal or no additional costs.

POSTS:

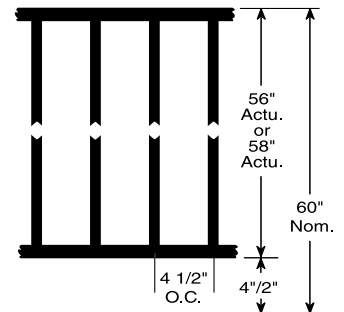
Posts are supplied according to weight and size of fence material. They are available for dirt-set, concrete-set or flange mounting.

INSTALLATION:

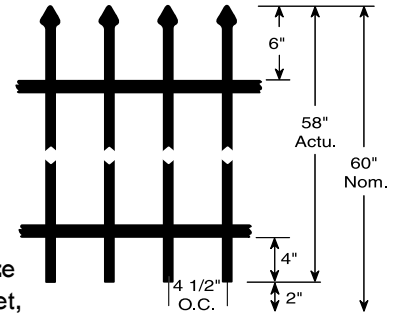
All fence panels and gates are delivered prepared for welded installation. BFC offers wall mount and post mounting brackets if required.

OPTIONS:

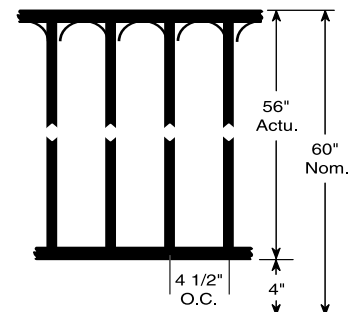
BFC's Residential Iron Fencing offers endless choices of twisted pickets, scroll work, cast iron finials, rings, flame-cut letters and arching rails providing a unique design for the home.



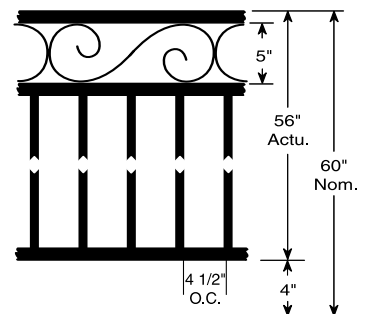
REGAL



ARISTOCRAT



EMPIRE



NAPOLEON

STYLE & FINISH OPTIONS

32 31 00/BUJ
BuyLine 4226

GALVA-GUARD I - Recommended Paint Finish

Pre-Galvanized Tubing and Polyurethane Painted

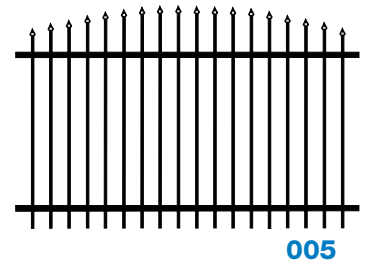
Materials are fabricated using galvanized tubing and finished with one spray coat high solids primer and one spray coat high solids gloss black polyurethane paint.

CUSTOM RESIDENTIAL OPTIONS:

GALVA-GUARD II - For Even More Protection

Hot-Dipped Galvanized and Polyurethane Painted

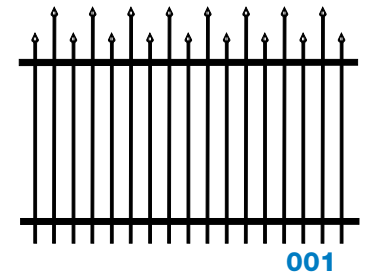
After fabrication, materials are hot dip galvanized per ASTM-A 123 and finished with one spray coat high solids polyurethane primer and one spray coat gloss black polyurethane paint.



GALVA-GUARD III - Recommended Powder Finish

Pre-Galvanized Tubing and Polyester Powder Coated

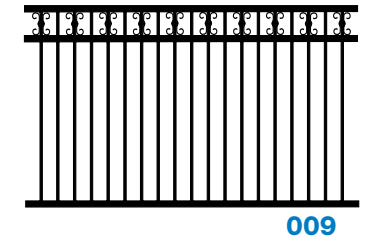
Materials are fabricated using galvanized tubing and finished with one powder coat zinc-rich epoxy primer and one coat polyester powder coat black.



GALVA-GUARD I, II and III provide long lasting beauty and superior corrosion protection.

Finish Descriptions

Polyurethane paint is a high solids aliphatic two component polyurethane coating system that offers long lasting gloss and color retention. BFC polyurethane coating can match any color specified.



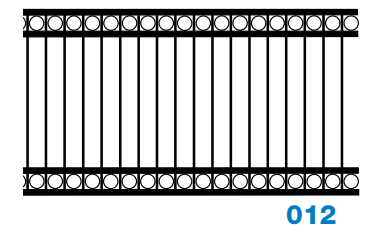
Polyester powder coating, known for its hard durable finish is available in a wide selection of colors.

In addition to our recommended finishes above, BFC also offers the following more economical finish for use in dry, non-corrosive environments.

BFC POLY PRO +

Polyurethane Painted

After fabrication, materials are power washed in an iron phosphate solution and receive one spray coat high solids polyurethane primer and one spray coat high solids gloss black polyurethane paint.



BFC STANDARD POLYURETHANE COLORS - CUSTOM COLOR MATCHING AVAILABLE





*Whether with
our own fleet
of trucks
or by common
carrier,
BFC delivers
nationwide.*

SPECIFICATIONS

PART 1 - General

1.01 WORK INCLUDED

This specification covers ornamental iron fence materials including ornamental iron gates, posts and hardware.

1.02 RELATED WORK

Section ___ - Earthwork

Section ___ - Concrete

Section ___ - Painting

1.03 SYSTEM DESCRIPTION

The manufacturer shall supply a complete ornamental fencing system including all components defined herein (fence panels, posts, gates and hardware).

1.04 QUALITY ASSURANCE

The contractor must be familiar with the construction methods and materials involved in ornamental iron fencing.

1.05 REFERENCES

ASTM A 36 - Structural Steel, Bars, Flats and Shapes

ASTM A 123 - Zinc (Hot-dipped Galvanized) Coatings

ASTM A 500 - Steel Structural Tubing in Rounds and Shapes

ASTM A 513 - Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing

1.06 SUBMITTALS

Submit the manufacturer's shop drawings and literature prior to installation. Approved shop drawings shall become the basis for acceptance of the work.

1.07 DELIVERY, STORAGE, AND HANDLING

Deliver to the job site materials in good condition and properly protected against damage to factory-finished surfaces.

Store materials in a clean, dry location and in such a way as to avoid damage, especially from dust, chemicals and moisture in the air by covering with protective material. Handle materials carefully on the job site to protect factory finishes.

1.08 WARRANTY

Builders Fence Co., Inc. hereby certifies that it manufactures the ornamental iron fencing and gates in accordance with specifications and/or shop drawings supplied by BFC. Builders Fence

Co., Inc. assumes the responsibility of providing products meeting BFC's prescribed specifications. Local environmental factors vary widely, therefore BFC does not guarantee that its product will perform in any defined manner in any specific environment. Damage to coating due to shipping and installation is to be expected and must be adequately touched up or repainted immediately after occurrence by installer to meet original specification standards.

PART 2 - Products

2.01 ACCEPTABLE MANUFACTURERS

The ornamental fencing system shall be manufactured by :

Builders Fence Company, Inc.
P.O. Box 125
Sun Valley, CA 91353-0125
1-800-767-0367

2.02 MATERIALS

A. Pickets, rails, and posts shall be manufactured from tubing meeting the requirements of ASTM A 513 or A 500 Grade B.

B. Solid steel bars, flat plates and shapes shall be manufactured from steel conforming to the requirements of ASTM A 36.

C. Pickets for gates shall be of the same size and style as those in the fence panels. Frames for gates shall be of sufficient size and thickness to provide adequate support without sag. Adjustable trussing may be required. Gate hardware shall be supplied by the manufacturer and shall be of sufficient size and capacity to support the gate specified.

2.03 FABRICATION - General

A. Steel used in the manufacturing of panels, gates and posts shall conform to the ASTM standards specified and shall be new prime material.

B. Panels, gates and flanged posts shall be of welded construction. No wire rods, screws or rivets shall be accepted to attach pickets to rails. Layout and welding shall be done by experienced craftsmen. Welds shall be made by the gas metal arc method and welds shall be neat, clean and of the sizes indicated on the drawings. All flush welds shall be ground smooth.

C. After fabrication panels, gates and posts shall be power washed in a phosphoric acid solution, rinsed and dried.

Finish shall be chosen from one of the following:

- BFC GALVA-GUARD I
- BFC GALVA-GUARD II
- BFC GALVA-GUARD III
- BFC POLY-PRO+

PART 3 - Execution

3.01 PREPARATION

A. The contractor shall layout the new fence in accordance with the fence construction plans, shop drawings, and all applicable requirements and codes.

B. The contractor shall verify any grade changes or surface irregularities.

C. Discrepancies between the approved shop drawings and field conditions must be approved by the architect or engineer prior to proceeding with the installation.

3.02 INSTALLATION

A. Fence posts shall be set plumb and level at spaces shown on the drawings. Footings shall be of the sizes indicated. Post caps shall be as indicated on the drawings.

B. Fence panels shall be welded or bolted to the posts. Field welding of rail to the post shall be a complete 360 degree (all four sides) and shall be the size indicated on the drawings. Welds shall be cleaned and coated with a primer the same day the welding is performed. Bolted connections shall use bolts and tabs of the size indicated on the drawings. After tightening bolt, threads shall be peened.

C. Gates shall be installed plumb and level and shall be the sizes and style indicated on the drawings. The contractor shall install any gate stops that may be required. Any padlock provisions or strikes shall be field attached to assure alignment. The contractor shall lubricate the hinges, rollers and other gate hardware after installation.

D. All field welds and any abrasions to factory coatings shall be thoroughly cleaned, re-primed and touched up by the contractor with paint of the same quality, color and gloss of that used by the manufacturer.

3.03 CLEANING

A. The contractor shall clean job site of excess materials.

B. Post hole excavations shall be scattered uniformly away from the posts or removed as directed.

C. Concrete splatter shall be cleaned from exposed posts.

**For a complete Architect Handbook,
please fax a request to (818) 768-9454.**

web: www.buildersfence.com

email: bfcfence@earthlink.net



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