

CLASSIC
ORNAMENTAL™
P R E M I E R



ORNAMENTAL IRON FENCING

MASTER  **HALCO**®



Classic Premier™ Ornamental fencing provides the classic look of traditional ornamental iron with a level of quality and durability that is truly premier in the industry. Constructed of galvanized steel with a polyester powder-coat finish, Classic Premier™ fencing offers strength, durability and corrosion resistance in an attractive and virtually maintenance-free fence.

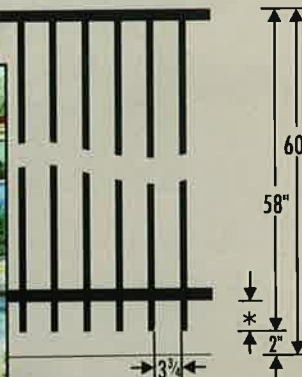
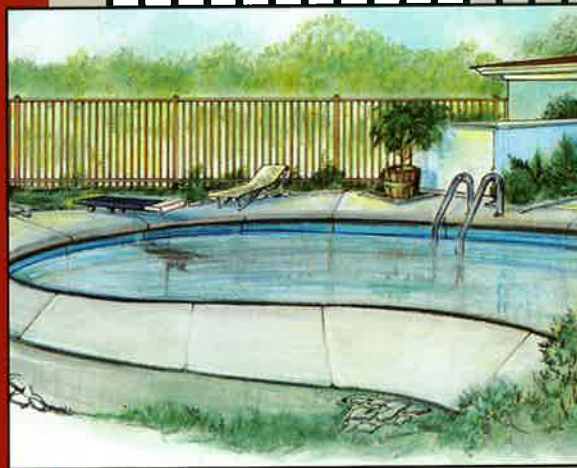
The design possibilities are staggering! Choose from 6 attractive styles in 4 colors; black, white, bronze and desert sand. Classic Premier™ fence panels can rack to conform to a slope. And 8' sections instead of 6' sections mean fewer posts to set. No unsightly screws or rivets are used to assemble the panels, affording them their unusually clean appearance.

The strength of Classic Premier™ fence panels is enhanced by the unique shape of the "forerunner" rails. In fact, all Classic Premier™ fencing comes with a 12-year limited warranty* against defects in workmanship and materials and against cracking, chipping, blistering, peeling and corroding of the powder-coat finish.

Knock-down shipping reduces costs and eliminates damage during transit. Master-Halco's distribution network means ready availability across the USA.

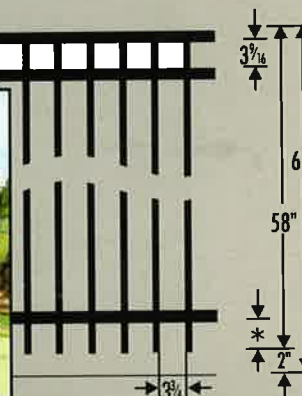
Assembled panels are available upon special request. Contact your nearest Master-Halco distribution center for pricing and availability.

* Refer to warranty certificate for complete details and limitations.



Universal

Simple, clean lines.
A wonderful addition to landscaping, ideal around the swimming pool.



Universal 3-Rail

The double top rail gives the perfect accent to almost any residential or light commercial application.

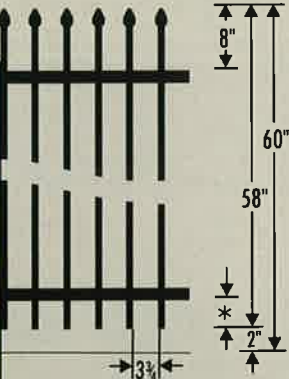


Picket

The look of an old-fashioned wrought iron fence.

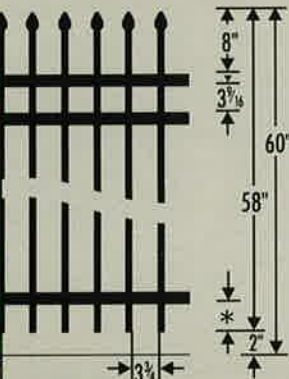
Add heavy-duty molded plastic spear points to the tops of the pickets for a distinctive, old-world look.

* 4" on 4' high fence
6" on 5' high fence
8" on 6' high fence



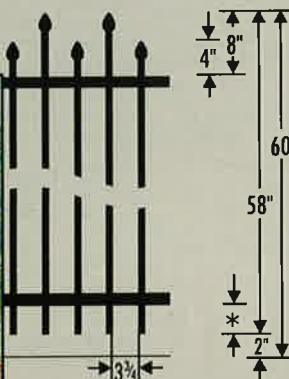
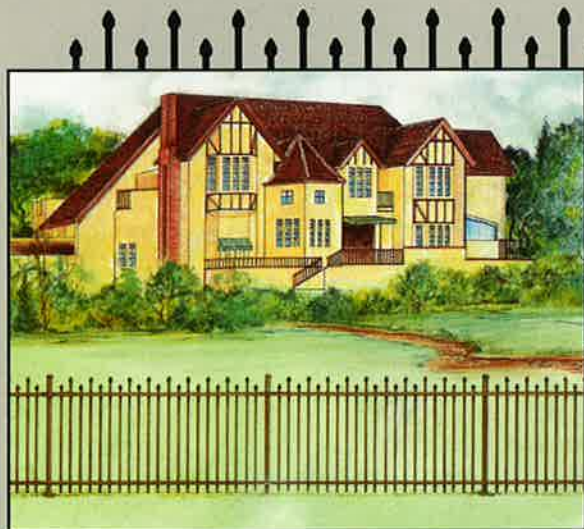
Spear

A traditional look, secure yet attractive.



Spear 3-Rail

A traditional look with the added elegance of a double top rail. Attractive and effective.



Staggered Spear

Alternating picket heights give this fence a gothic flair.

Classic Premier™ Ornamental fencing is available in the following colors:



Black



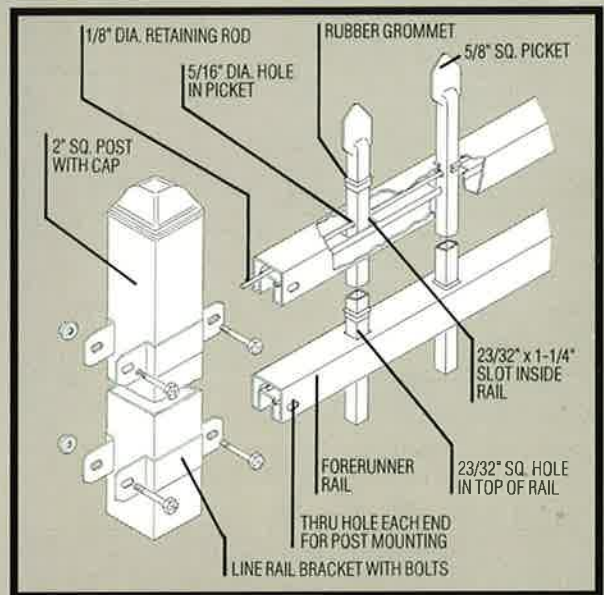
Bronze



White

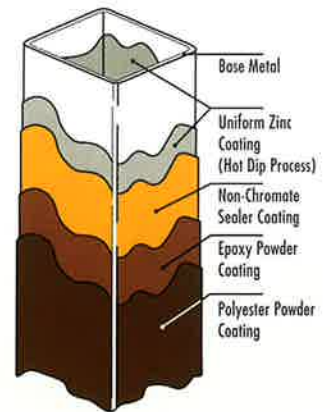
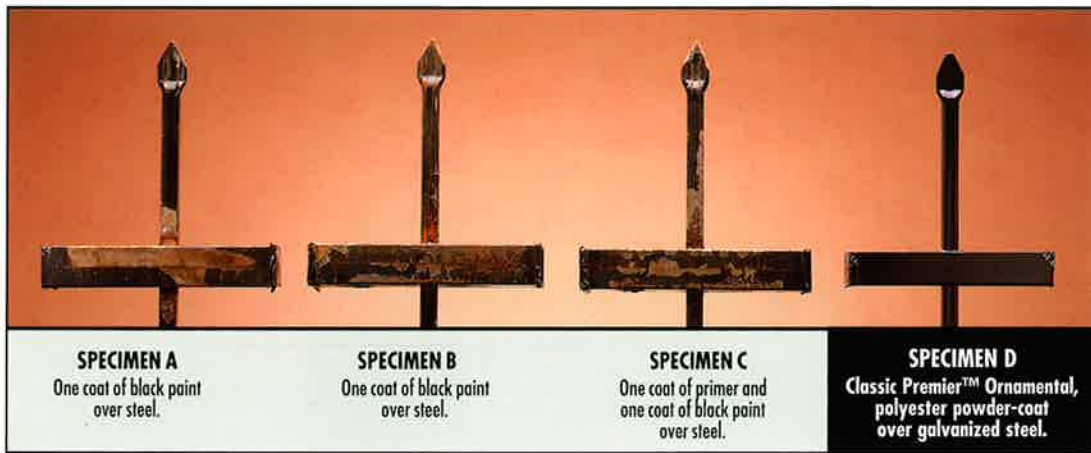


Desert Sand



Detail Illustration

* 4" on 4' high fence
6" on 5' high fence
8" on 6' high fence



Classic Premier™ 4-Step Coating

SALT SPRAY TEST- ASTM B117

Independent Test Lab Results:

Each of the specimens was scribed (ASTM D1654) with a cut through the coating to the bare metal. The specimens were then exposed to a 5% salt spray (ASTM B117) and evaluated periodically for degree of rusting and/or any change in the coating.

Specimen A was removed after 100 hours. Specimens B and C were removed after 200 hours. These three specimens showed the following results:

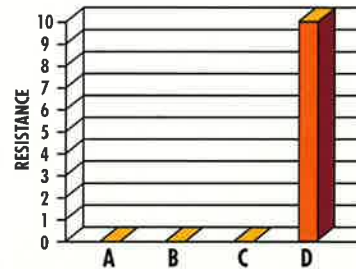
Specimens A, B and C - each of these specimens showed similar failure, the coating softened and blistered extensively and there was rust along the scribe line. When the specimens were scraped, the coating along the scribe

line and on the blistered areas was easily removed. The creepage rating was a "0" for loss of coating (worst possible rating).

Specimen D was removed after 300 hours. The results were as follows:

Specimen D - No rust and absolutely no coating removed! The specimen was in a condition similar to when it was first exposed to the salt spray, even after scraping! Classic Premier™ Ornamental received the best possible rating, "10"!

RESISTANCE TO CORROSION CREEPAGE SPECIMENS RATED PER ASTM D1654



12-YEAR LIMITED WARRANTY

SPECIFICATIONS

Section 02830

Ornamental Iron Fencing

1.01 Work Included

The contractor shall provide all labor, materials and accessory items necessary for the installation of the ornamental metal fence system defined herein at (specify project location).

1.02 Related Work

Section 022 - Earthwork
Section 030 - Concrete

1.03 System Description

The manufacturer shall supply a total ornamental fencing system of the design, style, strength and picket spacing defined herein. The system shall include all components; pickets, rails, posts, gates and hardware as required.

1.04 Quality Assurance

The contractor shall provide laborers and supervisors who are thoroughly familiar with the type of construction involved and the materials and techniques specified.

1.05 References

ASTM A513 - Standard Specifications for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing.

ASTM A526 - Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process.

ASTM B117 - Standard Test Method of Salt Spray (Fog) Testing.

ASTM D1654 - Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments.

1.06 Submittal

Product literature and warranty shall be submitted prior to installation to confirm compliance with the requirements for the materials specified in this section.

1.07 Product Handling and Storage

Upon receipt at the jobsite all materials shall be inspected to ensure that no damage occurred during shipping. Materials shall be stored in such a manner as to preclude damage, vandalism and theft.

2.01 Supplier

The ornamental metal fencing system shall conform to Master-Halco Classic Premier™ Ornamental _____ style (specify style from options in current Classic Premier™ Ornamental literature).

2.02 Materials

A. All Primary fence components; pickets, rails and posts shall be manufactured from coil steel having a yield strength of 40,000 psi and a tensile strength of 58,000 psi.

B. All Primary fencing components; pickets, rails and posts shall be galvanized by the hot dip process to meet the requirements of ASTM A526 and shall have a minimum zinc coating thickness of .60 oz./sq. ft. (coating designation G-60).

C. Pickets shall be 5/8" sq. 18 ga., cold rolled steel tubing manufactured per ASTM A513.

D. Rails shall be made of 16 ga. cold rolled steel. The cross-sectional shape of the rails shall conform to the manufacturer's "forerunner" design. The cross-sectional outside dimensions of the rails shall be 1-1/4" sq. Each rail shall have a minimum weight of 1.33 pounds per foot.

E. Posts shall be 2" sq., 15 ga., cold rolled steel tubing manufactured per ASTM A513.

2.03 Finish

A. Galvanized steel fence components shall be subjected to a six stage wash and pre-treatment system which includes a zinc phosphatizer and a non-chromate sealer.

B. Galvanized steel components shall then receive a two-step powder coating applied by the electrostatic spray process. The base coat shall be a thermosetting epoxy powder coating with a minimum coating thickness of 2.4 mils. The top coat shall be a mar-resistant TGIC polyester powder coating with a minimum coating thickness of 2.4 mils.

C. Color shall be _____ (select option from current Classic Premier™ Ornamental literature).

D. Coated galvanized steel fence components shall be capable of withstanding a minimum of 3500 hours of salt spray testing, without loss of adhesion as specified in ASTM B117.

2.04 Fabrication

A. Pickets, rails and posts shall be cut to specified lengths. Rails shall be punched to accept pickets. Pickets shall be drilled to accept retaining rods. Cutting, punching and drilling shall be done prior to coating to facilitate assembly without compromising the integrity of the finish.

B. Rubber grommets shall be inserted into the pre-punched holes in the rails. Pickets shall be inserted through the grommets so that the pre-drilled holes in the pickets align with the internal upper raceway of the rails.

C. A 1/8" diameter galvanized steel retaining rod shall then be inserted into the upper raceway of the rails through the pre-drilled holes in each picket.

D. Completed sections shall be capable of supporting a 250 pound load at mid-span without permanent deformation. Completed sections can rack up to 36" in 8' (22").

E. Posts shall have a square cap firmly affixed to the extending end.

F. Gates shall be fabricated using the same materials as for the complete fencing system, gate framework shall have the same cross-sectional dimensions as the panel rails.

2.05 Warranty

A. The ornamental metal fence system shall include a written 12-year limited warranty against defects in materials and workmanship.

B. The ornamental metal fence shall include a written 12-year limited warranty on the coating against cracking, chipping, blistering, peeling or corroding.

3.01 Preparation

All new installation shall be laid out by the contractor in accordance with the construction plans.

3.02 Installation

A. Set fence posts at 8' 1-5/8" on center ± 1/2". Set gate posts for gate opening specified in the construction drawings. Posts shall be placed a minimum of 18" into the ground and set in concrete.

B. Attach fabricated panels to posts using line rail brackets supplied by the manufacturer.

C. Install gates by attaching ball-on hardware supplied by manufacturer.

3.03 Cleaning

Contractor shall clean the jobsite of construction debris.

MASTER HALCO

For more information, contact the corporate office:

1-888-MH-FENCE (toll-free)

e-mail: info@mhfence.com ♦ www.mhfence.com