

unparalleled
style and value
for commercial,
industrial and
residential use.

Privacy



MASTER  HALCO

Manufactured by



TM



TM

GOOD FENCES MAKE GOOD NEIGHBORS

While that statement may not be original, it has never been more true. At Monumental Iron Works, we realize that sometimes in order to be a good neighbor, you must screen certain items from view. A Screening Fence by Monumental Iron Works does this in a very attractive way.

Unlike other materials that warp, crack, check or rot, your Screening Fence by Monumental Iron Works is made of galvanized steel. The boards have a grained finish that give the appearance of rough sawn timber. The proper size galvanized steel posts (see wind chart) and the heavy wall steel rails make your fence very strong and virtually maintenance free.

The finished coat of electrostatically applied polyester in your choice of colors makes the Screen Fence by Monumental Iron Works the most attractive way to screen your property or project.

screening

IDEAL FOR COMMERCIAL, INDUSTRIAL, OR RESIDENTIAL USE

specifications

Military Bases

Pools

Parks

Condominiums

Shopping Centers

Hotels

Motels

**Fast Food
Restaurants**

Service Stations

Junk Yards

**Dumpster
Enclosures**

Storage Yards

Schools

**Electrical
Sub-Stations**

**Amusement
Parks**

Home Owners

Apartments

Car Dealers

Available Styles



Attleboro



Bristol

a. MATERIALS - FENCE BOARDS

Fence Boards - Boards shall be 25 gauge steel (.635 mm) minimum, conforming to the requirements of ASTM A-446, Grade B, and shall have a hot-dipped galvanized coating of ASTM A-525, coating designation G-90.

b. MATERIALS - FRAMEWORK

Posts - Galvanized Square tubular members manufactured per ASTM A-787 having 45,000 psi (310 MPa) yield strength and G90 zinc coating (0.90 oz/ft²) minimum post size 4" (101.6 mm) having a 12 gauge (0.106") wall thickness.

Rails - 1-1/2" (38 mm) x 1-3/8" (35 mm) x 1-1/2" (38 mm), 11 gauge [0.120" (3.05 mm)] thick galvanized steel "U" channel per ASTM A-653 or ASTM A-607 having a 50,000 psi (344 MPa) yield strength and G90 zinc coating, 0.90 oz/ft² (0.27 kg/M²).

Attachment Brackets - Cast of malleable iron per ASTM A-47, Grade 32510. Galvanized per ASTM A-153.

Rings - Cast aluminum with minimum 20,000 PSI (137 mpa) per ASTM 319.

ASSEMBLED - Using 1/4" (6.35 mm) industrial drive rivets of a proper length to snugly hold pieces of metal in a firm position.

RECOMMENDED POST FOOTINGS

	Depth	Diameter
4' (1219 mm) High Fence	3'-0" (915 mm)	8" (203 mm)
6' (1828 mm) High Fence	3'-0" (915 mm)	12" (305 mm)
8' (2439 mm) High Fence	3'-0" (915 mm)	18" (457 mm)

Above chart based on stable soil conditions.
Local conditions may vary.

MEASUREMENTS OF WIND VELOCITY FOR SOLID COVERED FENCE

Type of Post	Height of Fence				
	4 FT (1219 mm)	5 FT (1524 mm)	6 FT (1828 mm)	7 FT (2134 mm)	8 FT (2439 mm)
4" (101.6 mm) Sq. 12 Ga. Wall (2.64mm)	125 MPH 201 KPH	111 MPH 179 KPH	92 MPH 148 KPH	79 MPH 127 KPH	70 MPH 113 MPH
6" (152 mm) Sq. 3/16" Wall (4.76 mm)	All 6" Posts up to 8' Height Exceed 135 MPH (215 KPH)				

Wind Chart Based on 50,000 PSI (344 MPA) Steel

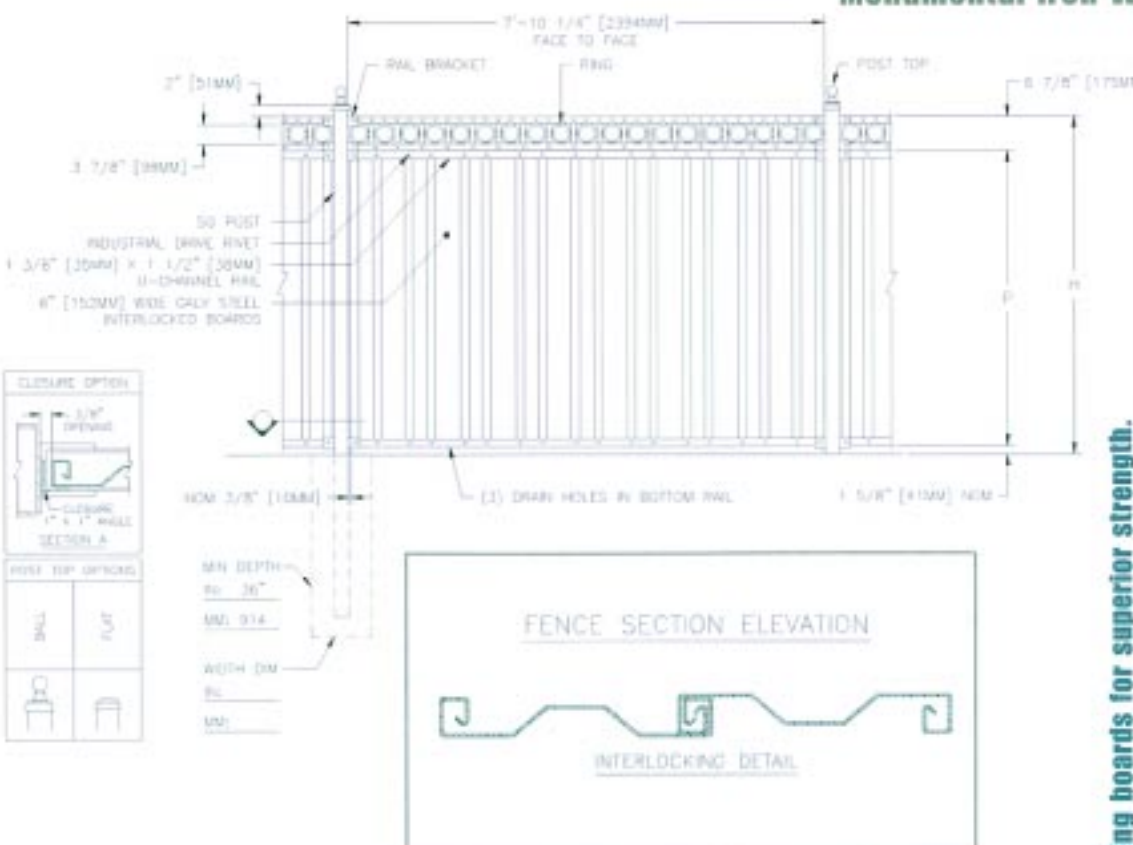
strong durable permanent

Heavy gauge galvanized steel, coated in a variety of colors and embossed in an attractive woodgrain pattern. Beautiful and designed to stay that way with minimal maintenance.

construction details

Monumental Iron Works Screen Fence System

is engineered and factory fabricated to be easily and economically erected on your site. The unique interlocking feature of our boards combined with the other MONUMENTAL components make this the most versatile screen type fence available anywhere.



Interlocking boards for superior strength.

Add Barbed Wire
Add Security



Ideal for Military or
Other High Security
Applications

FOR COMPLETE SPECS & DRAWINGS CALL 410-633-6500

finish

• Every Monumental Iron Works fence has a GALVANIZED UNDERCOAT INSIDE and OUTSIDE all members to assure maximum corrosion resistance.

• All fence components are then given a 4-stage "Power Wash" pretreatment process that cleans and prepares the galvanized surface to assure complete adhesion of the finish coat.

Stage 1 - All metal is CLEANED and PHOSPHATE treated to form an AMORPHOUS STRUCTURE on the galvanized surface for SUPERIOR POWDER COATING ADHESION.

Stage 2 - All metal is given a thorough WATER RINSE to prepare the phosphate coated surface for the SEAL RINSE (Stage 3).

Stage 3 - All metal is given a NON-CHROMATED-seal rinse, which further IMPROVES CORROSION RESISTANCE.

Note: NON-CHROMATED rinses are environmentally friendly.

Stage 4 - All metal is then baked dry, prior to the POWDER COATING being applied.

• All metal is then given a polyester resin based powder coating applied by the electrostatic process, to a thickness of 2.5 (.0635 mm) mils. The finish is then baked in a 450 degree F (232°C) (metal temperature) oven for 20 minutes.

These steps combine to produce one of the toughest, most mar-resistant and weather resistant coatings of any Screening Fence available today.

for fence and gate



A Gate to Match your Fence Selection.

Standard Colors

Tan, White, Green, Bronze, Black,
(Special Colors Available)

All Monumental
Iron Works'
Products are



The durable and beautiful finish on this
product comes from POWDER COATING...
the environmentally friendly finish

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