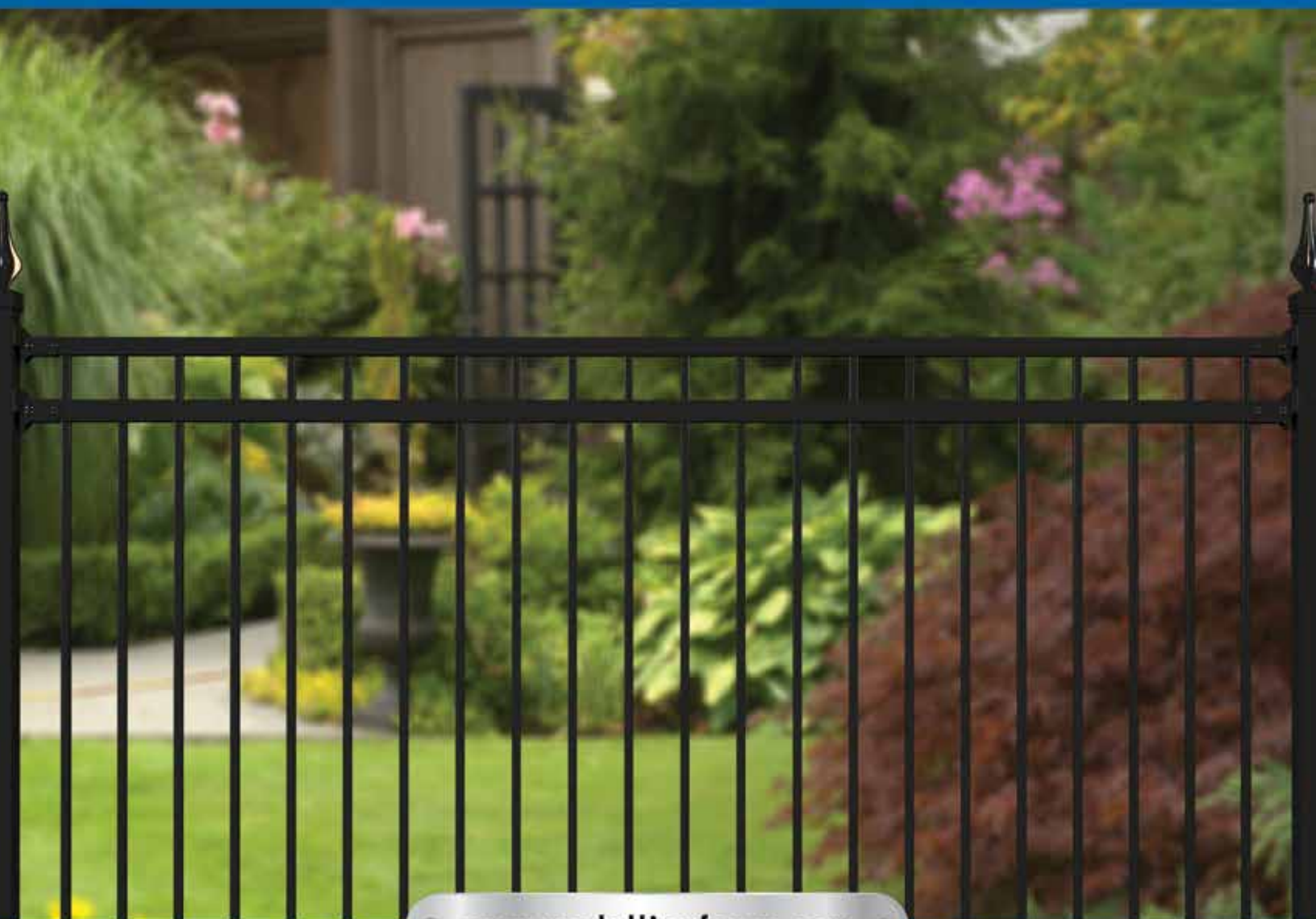




MEDALLION FENCE

DESIGN • LIFESTYLE • PERFORMANCE



www.medallionfence.com

MEDALLION 4000 | 7000 SERIES

Our Mission is to Exceed Your Expectations

TRADITION

Medallion Fence is the pioneer in the development and production of ornamental iron fencing. Family owned and operated for over 50 years, we are proud of our tradition of offering quality and design in every fence we manufacture.

FENCESCAPE

Elegance, sophistication, security, strength and durability are what clients describe as being important to them and what has made Medallion the choice of homeowners and architects alike. No other fence will enhance the aesthetics of your home or property like our ornamental iron fencing.

DESIGN FLEXIBILITY

Not every property is the same, nor should every fence be. Our goal is to provide you with the fence design that best suits your requirements and taste. Medallion has a wide variety of standard styles, or for those looking for something more ornate, we have several decorative inserts from which to select. Our expanded line of arched gates and arched transitional fence panels allows you to create the perfect environment for your home.



4000 and 7000 Series Overview

Many ornamental iron fences on the market today are manufactured using inferior roll formed open channel rails manufactured from either a pre-galvanized or Galvalume™ sheet metal. At Medallion, our posts, pickets and rails are constructed using ZAM® coated steel – a revolutionary technologically advanced corrosion resistant coating that offers numerous advantages over these competitive products. All of our rails are fabricated from a solid electric resistance welded tube profile that is precision mandrel punched in our facilities. Solid tubing as opposed to roll form channel ensures that your fence has maximum strength, durability and is more aesthetically pleasing.

Our residential 4000 Series goes even further with 25% more steel than the industry standard. Our rails and gate frames are fabricated from 1-1/4" heavy gauge tubing and our pickets are 5/8".

The 7000 Series is ideal for prestige residential and light commercial applications, an economic alternative to our heavier duty commercial and industrial lines. The 7000 Series has all of the features and benefits of the 4000 Series with a 20% larger picket profile of 3/4".

4000 Series	7000 Series
Rails: 32 mm x 32 mm (1-1/4" x 1-1/4")	Rails: 32 mm x 32 mm (1-1/4" x 1-1/4")
Pickets: 16 mm x 16 mm (5/8" x 5/8")	Pickets: 19 mm x 19 mm (3/4" x 3/4")
Posts Minimum: 51 mm x 51 mm (2" x 2")	Posts Minimum: 51 mm x 51 mm (2" x 2")

Limited 20-Year Warranty

Setting New Standards in Corrosion Protection

For the past 20 years, ornamental iron fencing has been fabricated with steel that has an anti-corrosion coating of either zinc (pre-galvanized) or a mix of 55% Aluminum-Zinc coating better known as Galvalume®. While each of these coatings does provide some corrosion protection, there are however, some inherent flaws and limitations.

CUT EDGE PROTECTION

In the manufacturing of ornamental fencing, multiple holes are punched through the rails for picket insertion. As a result, these cut edges are now left without the corrosion resistant coating that had been applied to the surface of the steel. Exposed edges are also found on the ends of the rails, pickets and posts. This lack of edge protection is more evident on fences that are produced with roll-formed channel rails which have 2 exposed edges that run the entire length of the fence rails. Both zinc and Galvalume® offer limited cut edge protection which often leads to early failure of the steel in the form of red rust.

PASSIVATION

White rust is a white powdery deposit that occurs on any zinc coated steel as a natural product of the corrosion process. Its appearance is an indication that the anti-corrosion layer is beginning to fail or sacrifice to protect the steel. The white rust problem is often exacerbated when tubes are bundled together restricting the air flow and reducing the chance for moisture to evaporate. Residual cutting fluids used in the production of the tube are left on the steel surface which will result in accelerated corrosion. In order to help reduce this problem, the tube mills coat the outer layer of the steel with an oil coating, in a process referred to as **passivation**.

It is very difficult to remove the passivated coating in the pre-treatment process prior to painting. Powder coated finishes do not adhere well to passivated surfaces and therefore the paint will often peel and blister

CONCRETE ALKALINITY

Both Zinc and Aluminum deteriorate from being in contact with alkalis. For this reason both hot dip galvanized and Galvalume® should not come in contact with uncured concrete as it can adversely affect the protective coating. Though the exterior of the fence posts has some form of an exterior finish, the interior of the tubes protective coating remains exposed allowing the alkalis to deteriorate the inner wall of the posts. This corrosion may continue over time as concrete is a porous material.

SCRATCH RESISTANCE

The corrosive inhibiting coatings used for both pre-galvanized and Galvalume® are relatively soft. During the handling and manufacturing of the fencing these coating are very susceptible to scratching thereby exposing the steel to the corrosive elements.



The Next Era in the Fight Against Corrosion Begins Here!



ARMOUR-SHIELD™

WHAT IS ARMOUR-SHIELD™

ARMOUR-SHIELD™ is a synergy of materials and manufacturing processes that is unsurpassed in strength and durability. ARMOUR-SHIELD™ begins with **ZAM®** a 21ST century, zinc-alloy coated steel tubing with a coating weight designation of ZM275 providing a total coating mass of 275g/m². The innovative corrosion resistant alloy coating of ZAM® is comprised of zinc, aluminum and magnesium that creates a highly corrosive resistant barrier suitable for many aggressive environments.

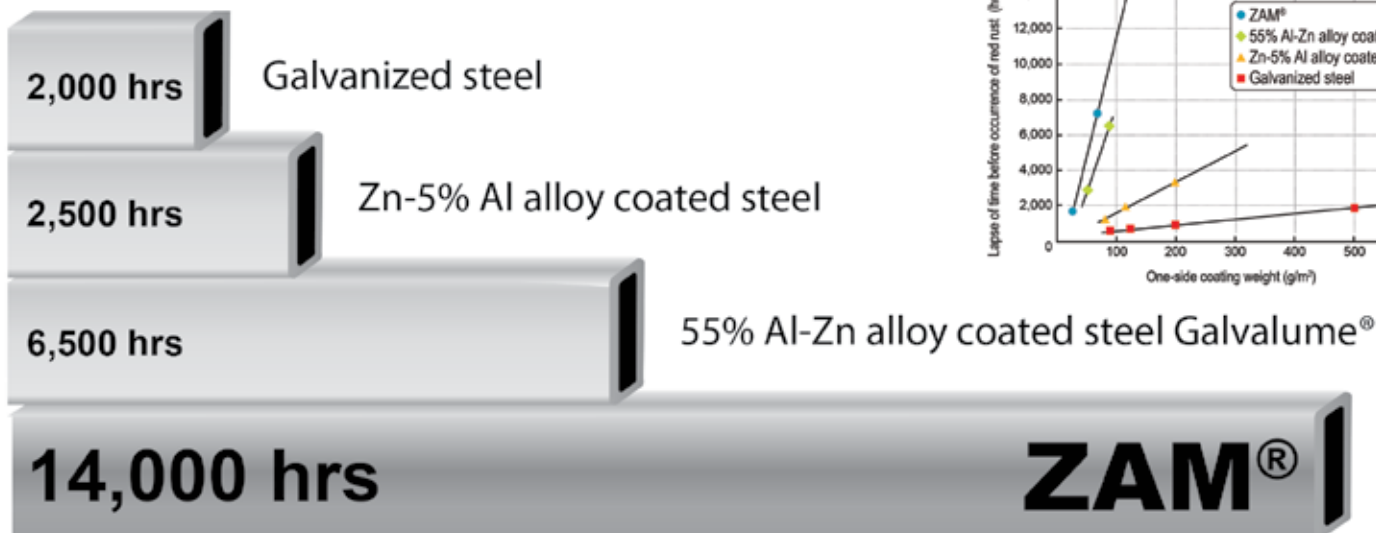
As part of our commitment to quality, Medallion Fence is constantly seeking advancements in materials and fabrication processes with a focus on corrosion prevention, paint adhesion, product strength and durability.

The superiority of ZAM® is due to the unique formation of a protective barrier that is formed on the surface. The aluminum and magnesium in the coating layer of ZAM® combine with zinc to form a fine, tightly adhered protective film that creates a two layer structure on the surface of the steel suppressing corrosion of the coating layer and enhancing the corrosion resistance of the product. The same film will also provide superior cut edge protection. ZAM® is a revolutionary, innovative, hi-tech coated steel, suitable for severe and corrosive environments.

UNSURPASSED CORROSION RESISTANCE

ARMOUR-SHIELD™ has far superior resistance to red rust than galvanized steel and Galvalume® a 55% Alum and Zinc alloy coated steel. Coated steel test results to first signs of red rust yield 7 times greater than galvanized and over twice that of Galvalume®. This is prior to the additional protection achieved by the application of our super durable powder coat finish.

*To the occurrence of red rust salt spray test (untreated)



*Testing conducted by Nisshin Steel Co. Ltd. Bar chart derived from original test results as published by Nisshin Steel Co. Ltd

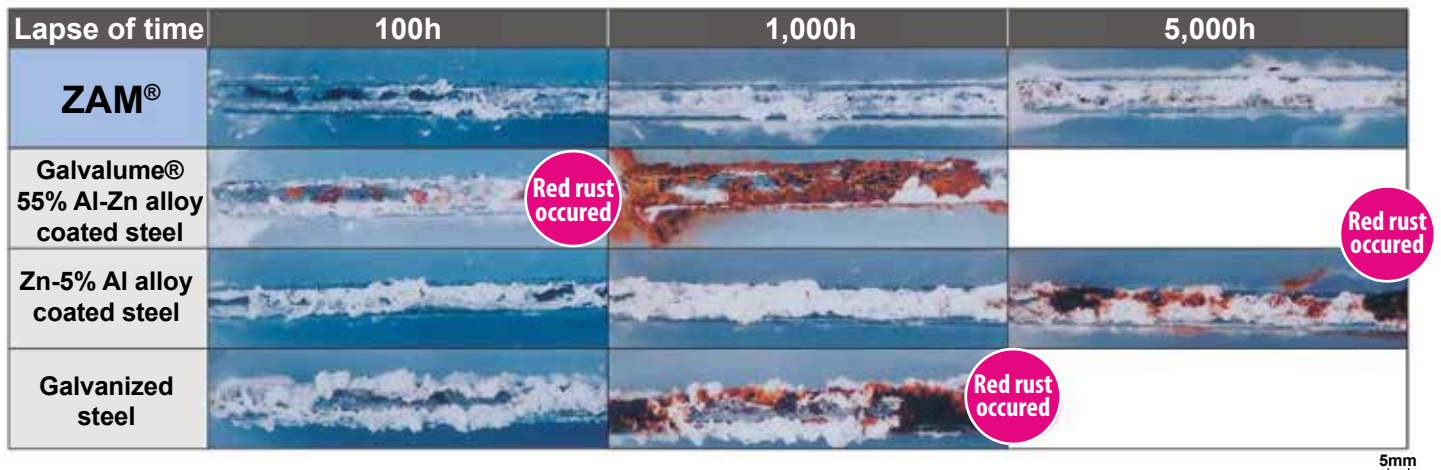
Limited 20-Year Warranty

*SUPERIOR MECHANISM FOR CUT END PROTECTION

Excellent corrosion resistance is achieved on cut edge parts by covering the ends with a fine zinc-based protective film that contains aluminum and magnesium leaching from the coating layer.

Appearances of cut edges after salt spray test

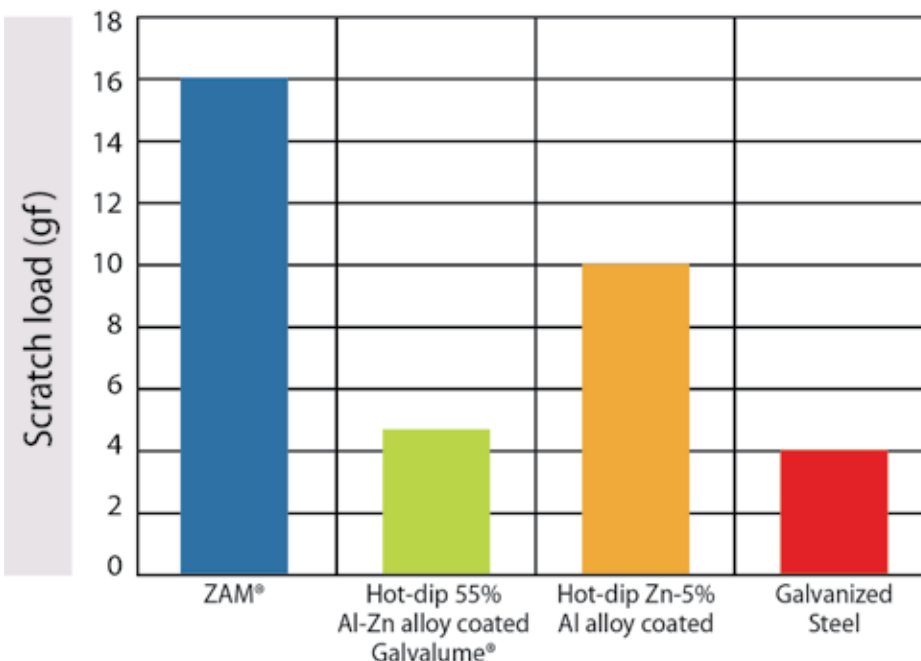
(Thickness: 3.2 mm, coating weight: 120/120 g/m², untreated)



*SCRATCH RESISTANCE OF THE COATING LAYER

ZAM® has a harder coating layer than hot dip galvanized or aluminum-zinc alloy coated steel sheets. Thus, ZAM® offers better scratch resistance and can be used in applications where it is subjected to scratching and repeated friction during processing.

Scratch resistance of various types of coated steel sheets (scratch test)



Scratch load measurement conditions

Testing needle material	Sapphire
Testing needle tip radius	0.05 mm
Load	0.0196-0.0196 N (2-20 gf)
Travel distance	20 mm

- The surface was visually examined for any scratching.
- The minimum load that produced scratching was taken as the scratching load.

*Test results as published by Nisshin Steel Co. Ltd.

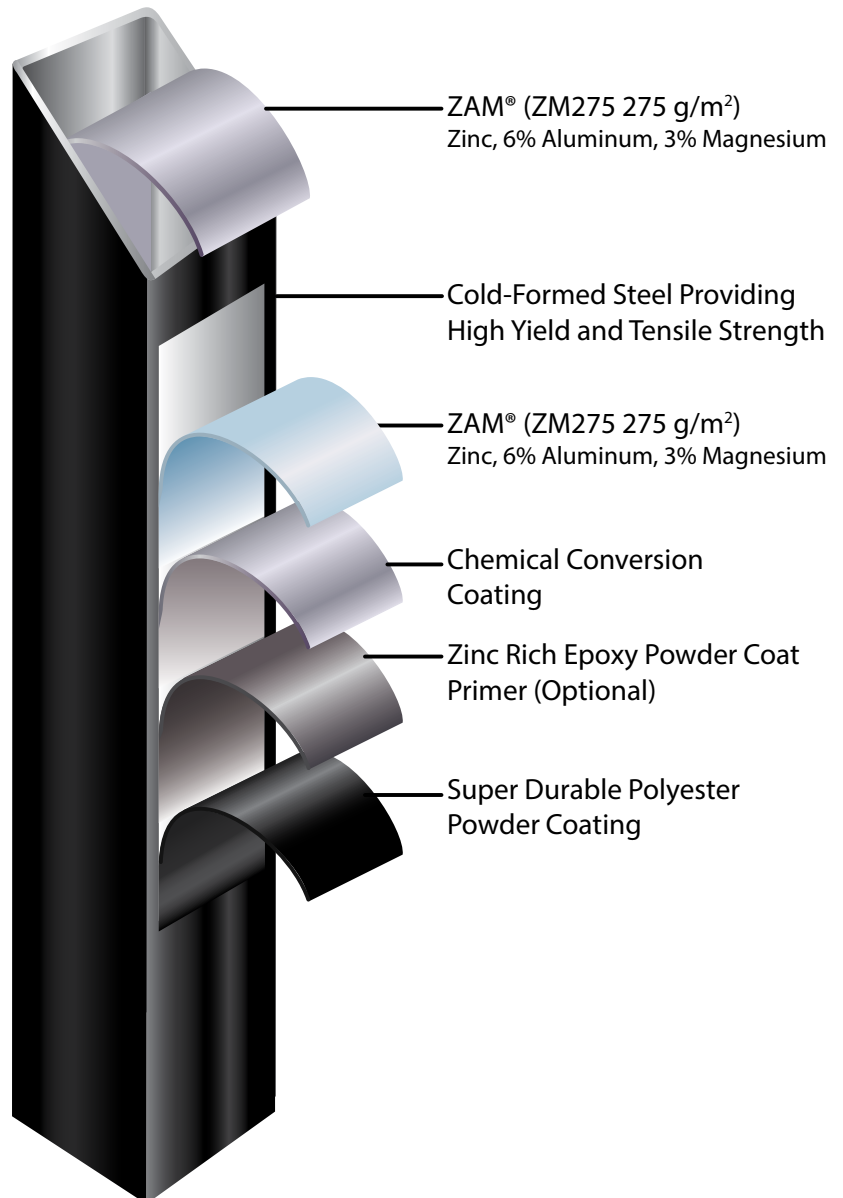
ARMOUR-SHIELD™ SUPERIOR RAILS

As part of our commitment to quality all of our rails are manufactured from electric resistant welded tube whereas most competitive products use an inferior roll formed pre-punched open channel. During the manufacturing process these rails are precision mandrel punched in preparation for picket insertion.

Our rails are 25% larger profile than industry standards. 1-1/4" square tube versus a 1" channel.

BENEFITS OF ARMOUR-SHIELD™

- New generation coating technology
- Superior corrosion protection. *Up to 7 times when compared to galvanized coated steel and over twice that of Galvalume®
- Suited for severe environments including: coastal, industrial and municipal infrastructure applications.
- Bridges the gap between traditional protective coated steel and stainless steel at a fraction of the cost.
- Superior raw cut edge protection
- Concrete compatible
- Scratch resistant due to its much harder surface. *Almost 4 times harder than Galvalume® and galvanized steel.
- Scratches self repairing up to 6mm wide
- Superior bonding of powder coat finish as Zam® is not passivated.
- Achieves life cycle and maintenance cost benefits.

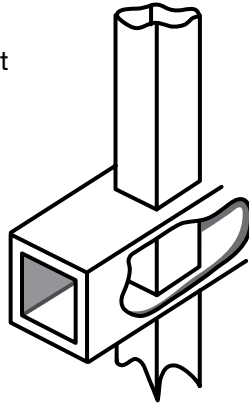


Limited 20-Year Warranty

Quality Difference

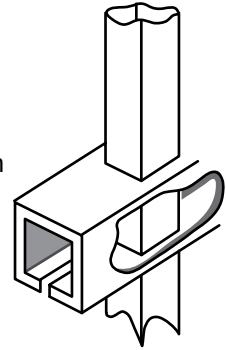
Medallion Armour-Shield™

- ✓ Full ERW 1-1/4" Solid Tube
- ✓ ZAM® ZM275 coating weight of 275g/m²
- ✓ Interior Welded Seam Protected By Enhanced Cut Edge Mechanism
- ✓ Superior Self Healing Cut Edge Protection
- ✓ Concrete Compatible Coated Steel
- ✓ Hard Anti-corrosive Coating is Scratch Resistant
- ✓ JS1000™ Plating on Bracket Fasteners
- ✓ ARMOUR-POWDER™ Superior Durability and Corrosion Protection
- ✓ Protective Layer – ZAM® Forms a Fine and Tightly Adhering Layer that Paint Bonds To
- ✓ Excellent Corrosive Protective Coating 14000 Hours to Red Rust
- ✓ 20 Year Limited Warranty



Other Brands

- ✗ 1" Roll Form Open Channels
- ✗ Galvalume® / Pre-Galvanized coating weight unspecified
- ✗ Dual Exposed Open Edge Seams Full Length of Rails
- ✗ Limited Self Healing Protection
- ✗ Non concrete compatible coated steel
- ✗ Soft Anti corrosive Coating Susceptible to Damage
- ✗ Standard Grade Plating on Fasteners
- ✗ Regular Polyester Powder Coat with Standard UV Protection
- ✗ Non-Protective Layer – Both Zinc and Galvalume® Forms a White Rust in Large and Non-adhering Crystals that Cause Paint to Lift and Peel off.
- ✗ Inferior Corrosive Protective Coating Only 2000 – 6500 Hours to Red Rust
- ✗ 5 Year Limited Warranty



FINISHING

Once assembly is completed using high tensile strength stainless steel welds, the fence panels are transferred into our state-of-the-art finishing facilities. All panels, posts and fittings are placed through a 7-stage wash system where they are degreased and chemically treated in preparation for powder coating. The super durable polyester powder paint with enhanced UV protectors is then electro-statically applied and thermally fused to the surface using a high-temperature cure oven. The result is our premium Electro-Colour™ finish that is extremely hard and durable.

COLOUR

Our standard finish is traditional gloss black. Other colours are available from our stock of finishes. Custom colour matches are available upon request. Non-standard finishes including stock colour alternatives may be subject to longer lead times and additional charges.



Gloss Black



Gloss White



Gloss Brown



Gloss Green



Matt Bronze



Silver Vein

OPTIONAL POST CAPS & PICKET FINIALS



Pyramid Cap



Ball Cap



Finial Cap



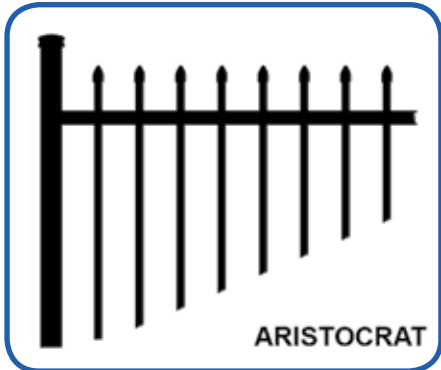
Spiral Picket Finial



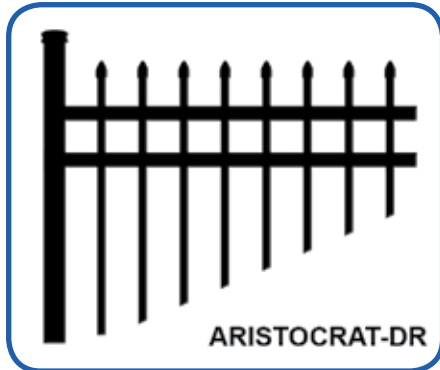
Fleur de Lis
Picket Finial

Limited 20-Year Warranty

Standard Styles



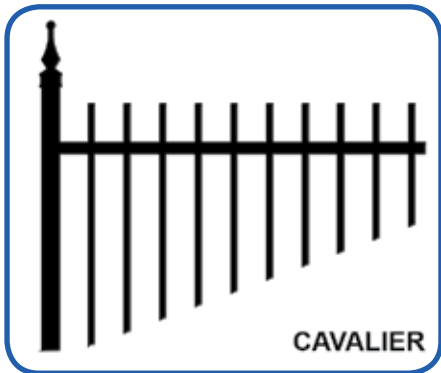
ARISTOCRAT



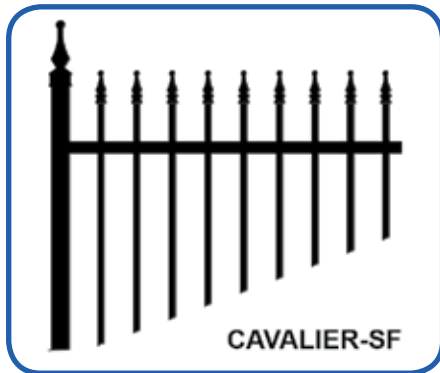
ARISTOCRAT-DR



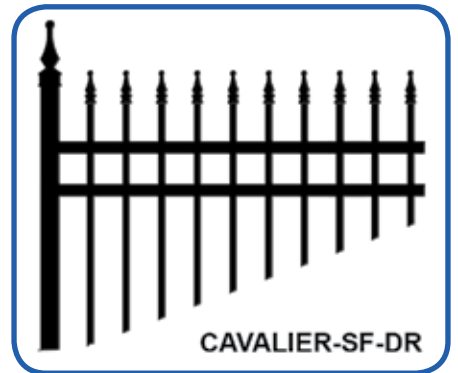
CAMBRIDGE*



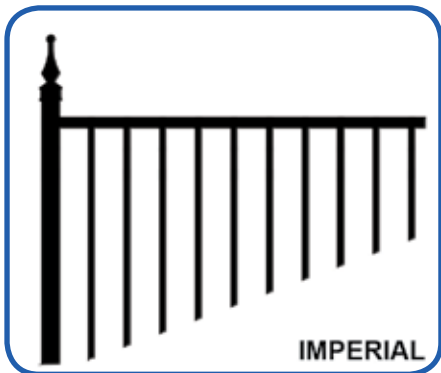
CAVALIER



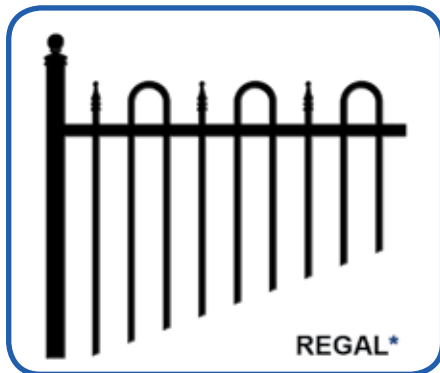
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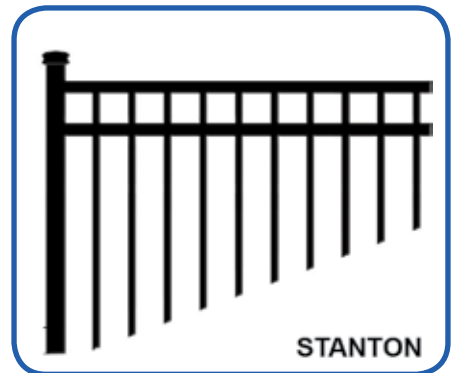
CAVALIER-SF-DR



IMPERIAL



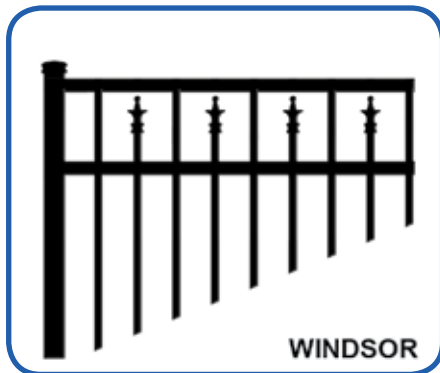
REGAL*



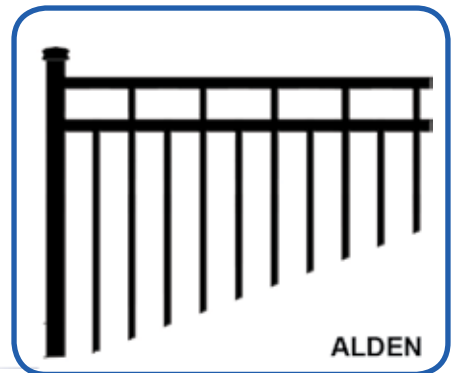
STANTON



STERLING*



WINDSOR

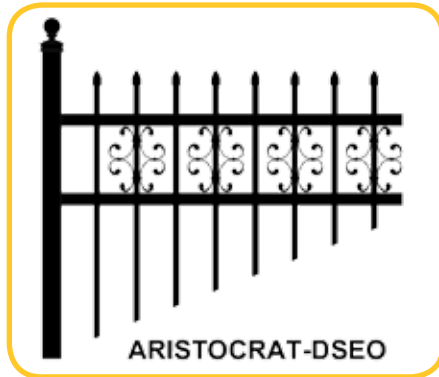
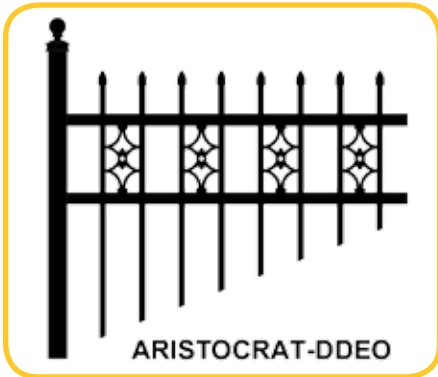
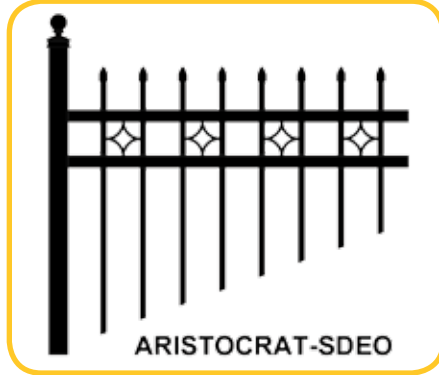
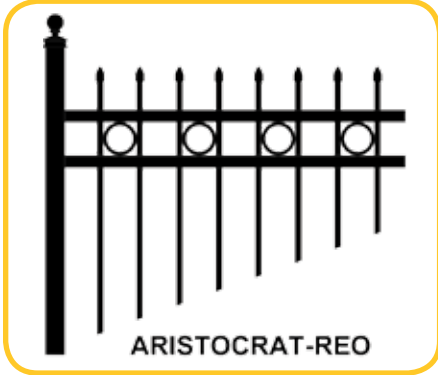


ALDEN

*Not Available in 7000 Series

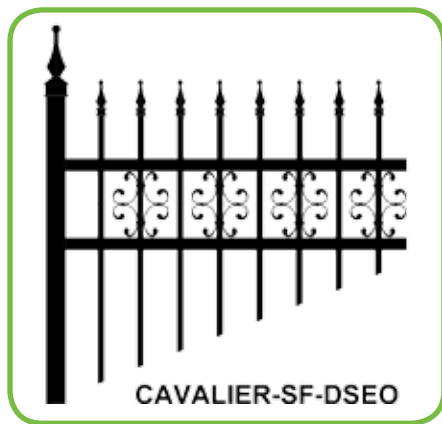
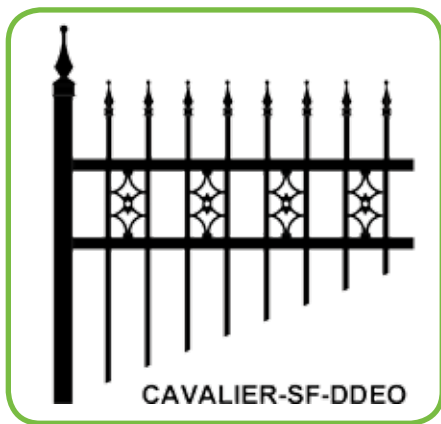
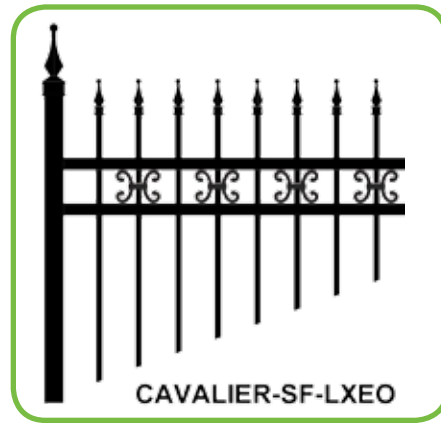
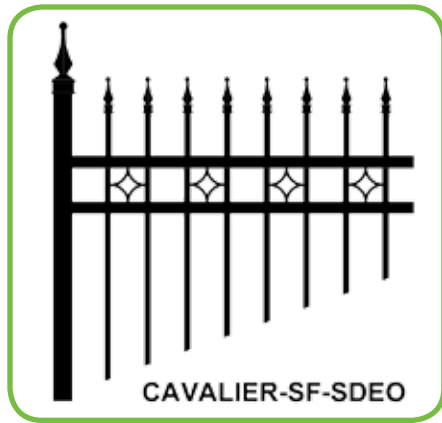
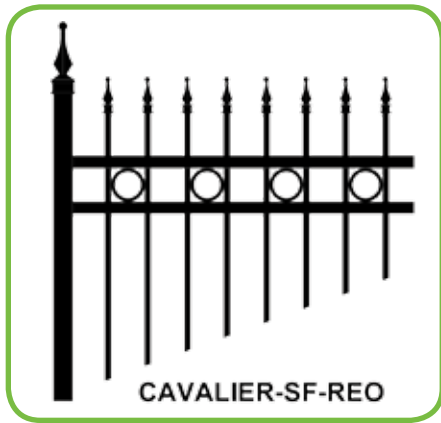
Decorative Inserts Every Other Picket

ARISTOCRAT SERIES



Decorative Inserts Every Other Picket

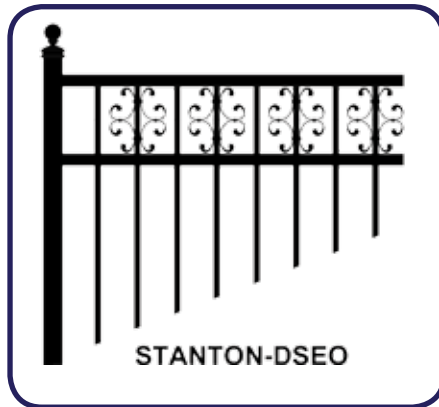
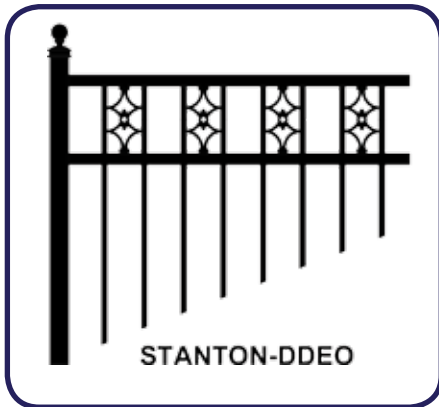
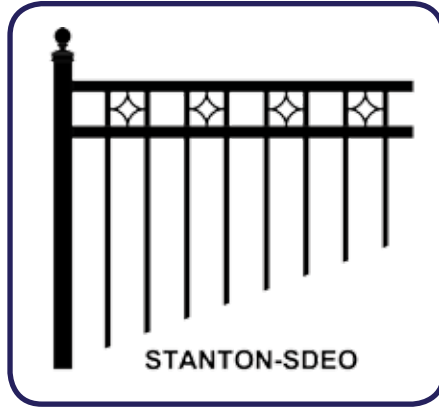
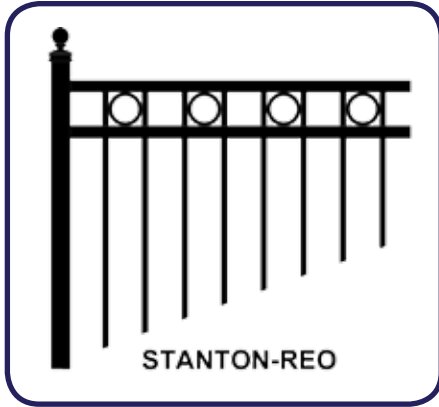
CAVALIER – SPIRAL FINIAL SERIES



Limited 20-Year Warranty

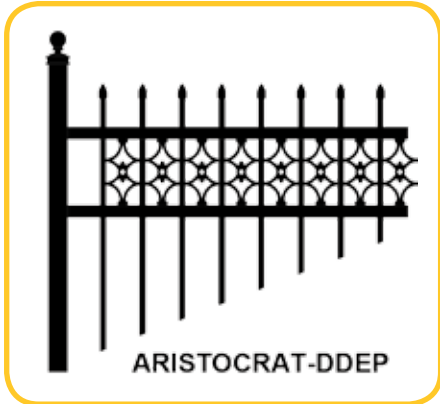
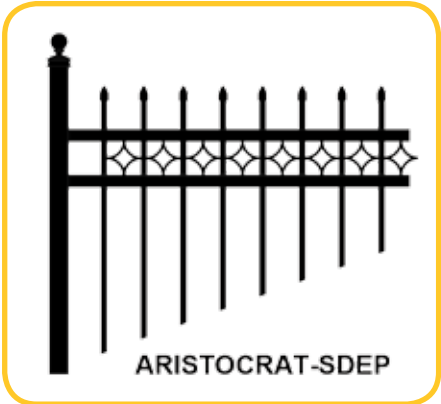
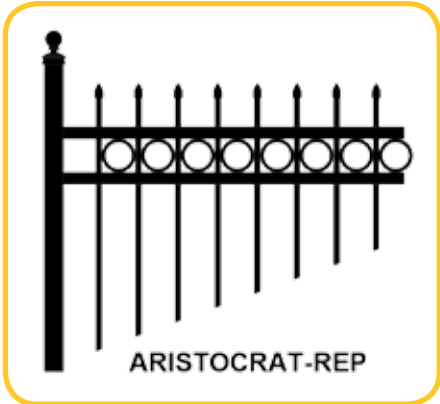
Decorative Inserts Every Other Picket

STANTON SERIES

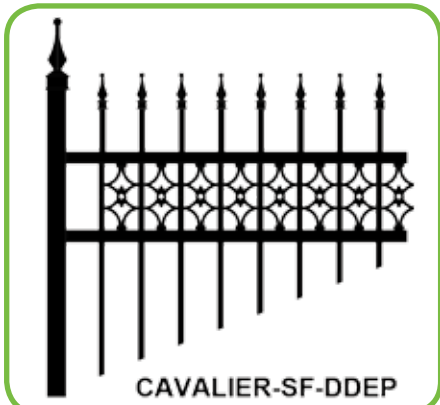
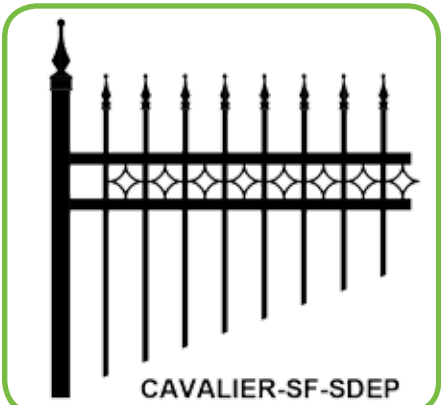
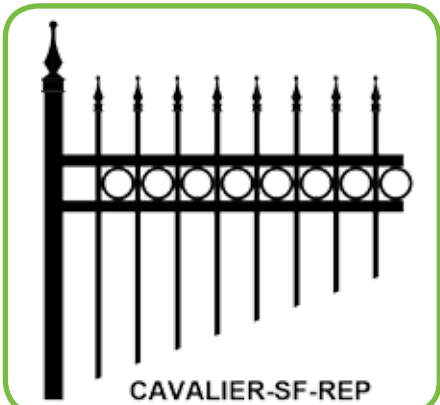


Decorative Inserts Every Picket

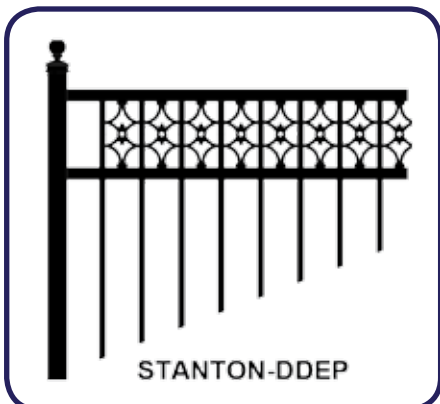
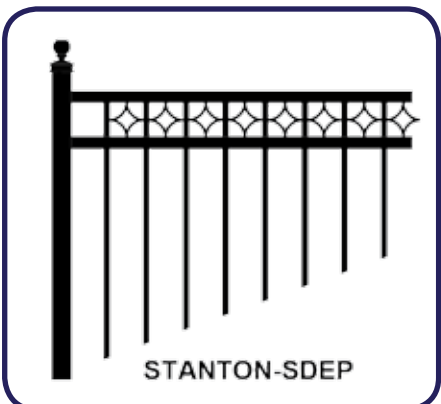
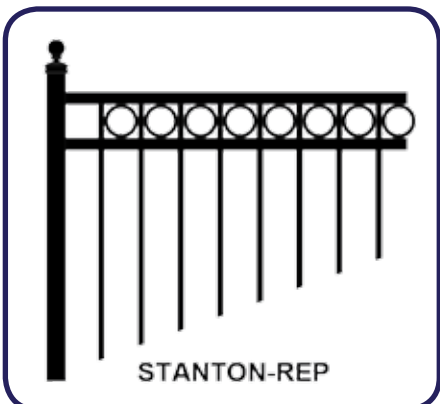
ARISTOCRAT SERIES



CAVALIER – SPIRAL FINIAL SERIES



STANTON SERIES

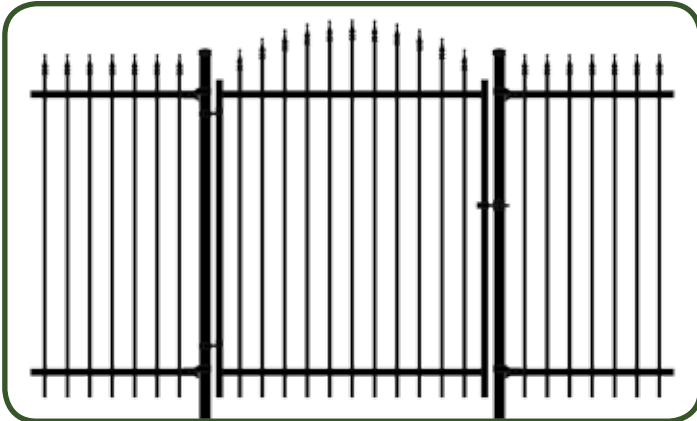


Limited 20-Year Warranty

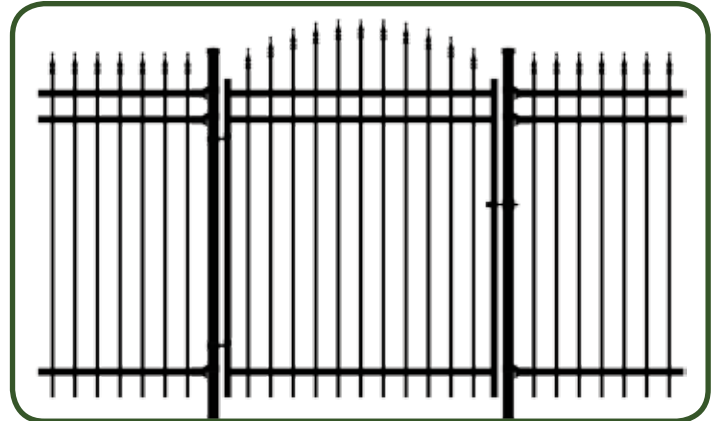
Arched Gates (7000 Series Gates with Arched Rails Call for Availability)

SINGLE WALK

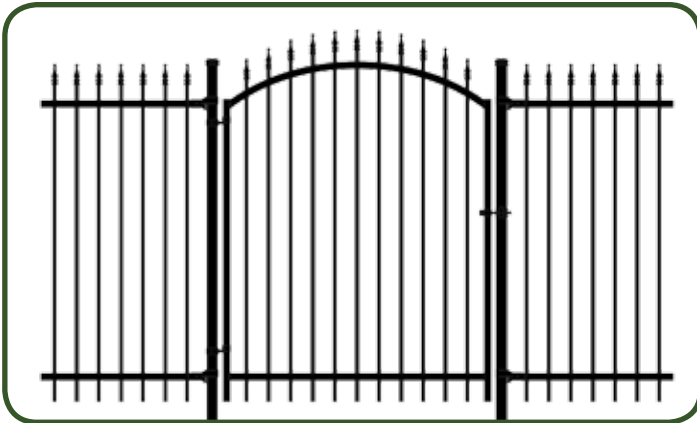
Typical Gates Depicted – Can Be Ordered with Most Decorative Inserts (see dealer)



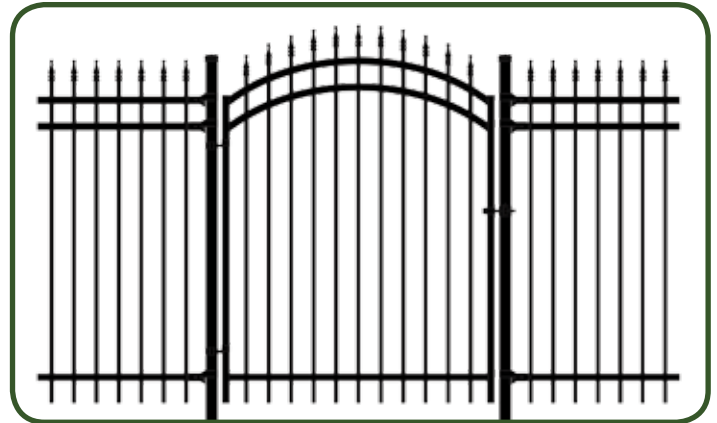
ARCHED PICKETS - STRAIGHT SINGLE RAIL
ARISTOCRAT & CAVALIER SERIES



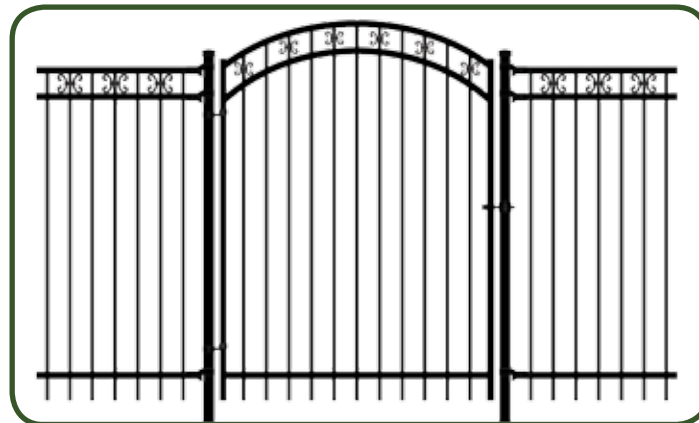
ARCHED PICKETS - STRAIGHT DOUBLE RAIL
ARISTOCRAT & CAVALIER SERIES



ARCHED SINGLE RAIL
ARISTOCRAT & CAVALIER SERIES



ARCHED DOUBLE RAIL
ARISTOCRAT & CAVALIER SERIES

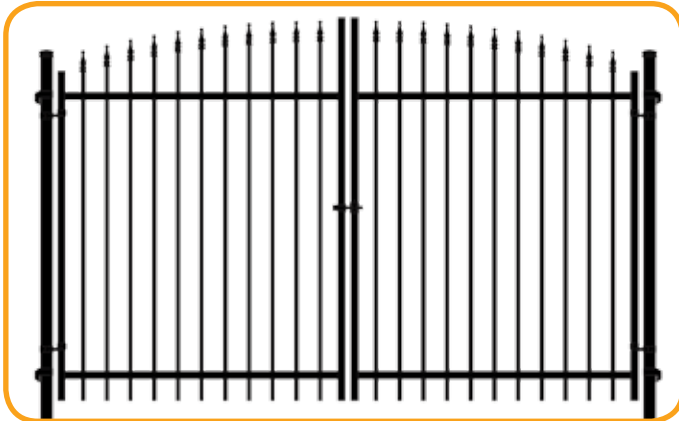


ARCHED STANTON SERIES

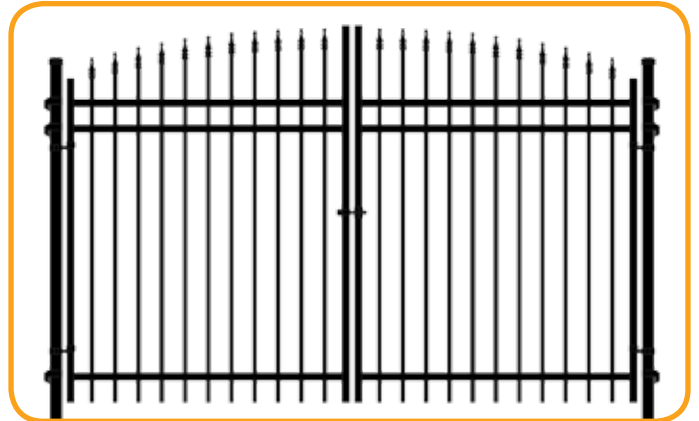
Arched Gates (7000 Series Gates with Arched Rails Call for Availability)

MIRROR IMAGE DOUBLE GATES

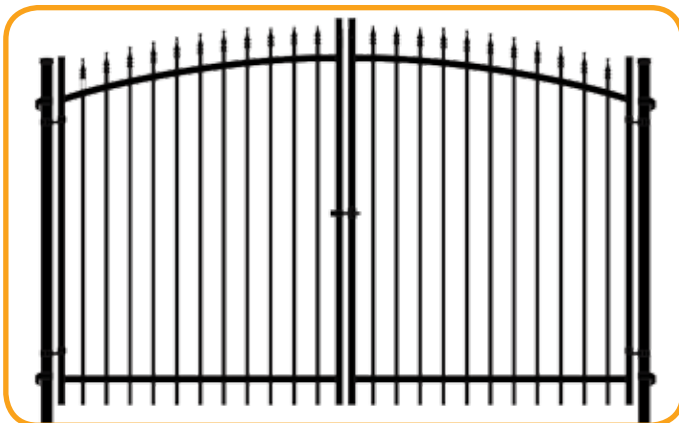
Typical Gates Depicted – Can Be Ordered with Most Decorative Inserts (see dealer)



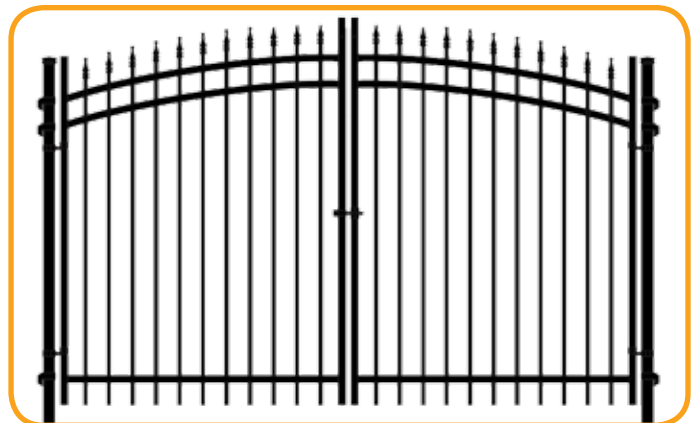
ARCHED PICKETS - STRAIGHT SINGLE RAIL
MIRROR IMAGE DOUBLE GATE
ARISTOCRAT & CAVALIER SERIES



ARCHED PICKETS - STRAIGHT DOUBLE RAIL
MIRROR IMAGE DOUBLE GATE
ARISTOCRAT & CAVALIER SERIES



ARCHED SINGLE RAIL
MIRROR IMAGE DOUBLE GATE
ARISTOCRAT & CAVALIER SERIES



ARCHED DOUBLE RAIL
MIRROR IMAGE DOUBLE GATE
ARISTOCRAT & CAVALIER SERIES



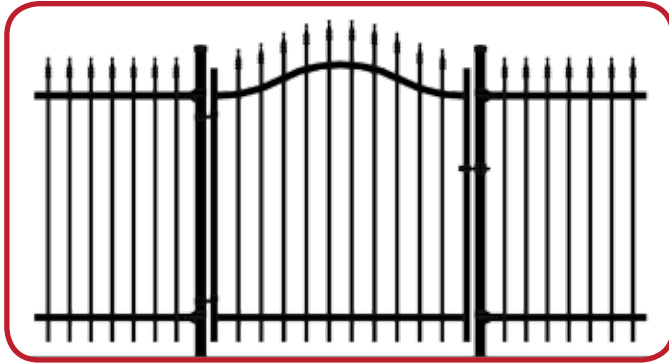
ARCHED MIRROR IMAGE DOUBLE GATE STANTON SERIES

Limited 20-Year Warranty

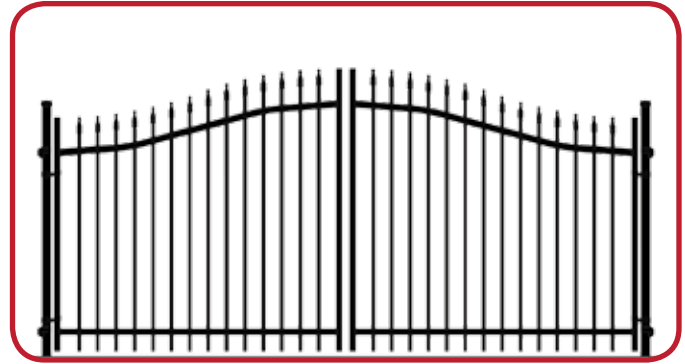
Arched Gates (7000 Series Gates with Arched Rails Call for Availability)

WAVE SERIES

Typical Gates Depicted – Can Be Ordered with Most Decorative Inserts (see dealer)



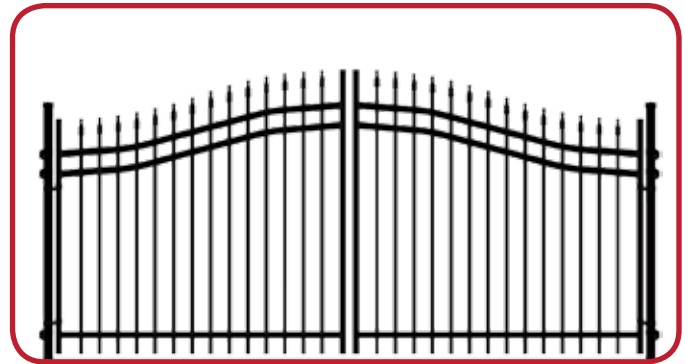
SINGLE RAIL WAVE WALK GATE
ARISTOCRAT & CAVALIER SERIES



SINGLE RAIL WAVE DOUBLE GATE
ARISTOCRAT & CAVALIER SERIES



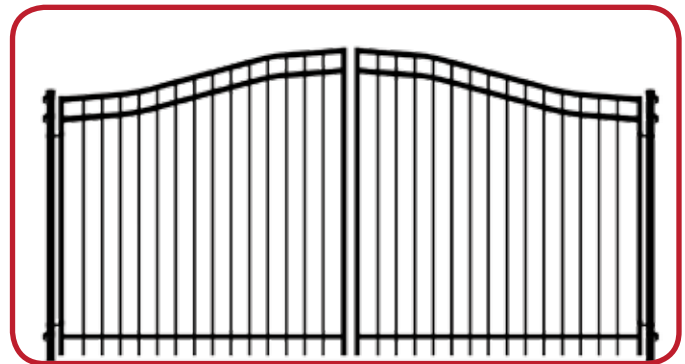
DOUBLE RAIL WAVE WALK GATE
ARISTOCRAT & CAVALIER SERIES



DOUBLE RAIL WAVE DOUBLE GATE
ARISTOCRAT & CAVALIER SERIES



WAVE WALK GATE
STANTON SERIES



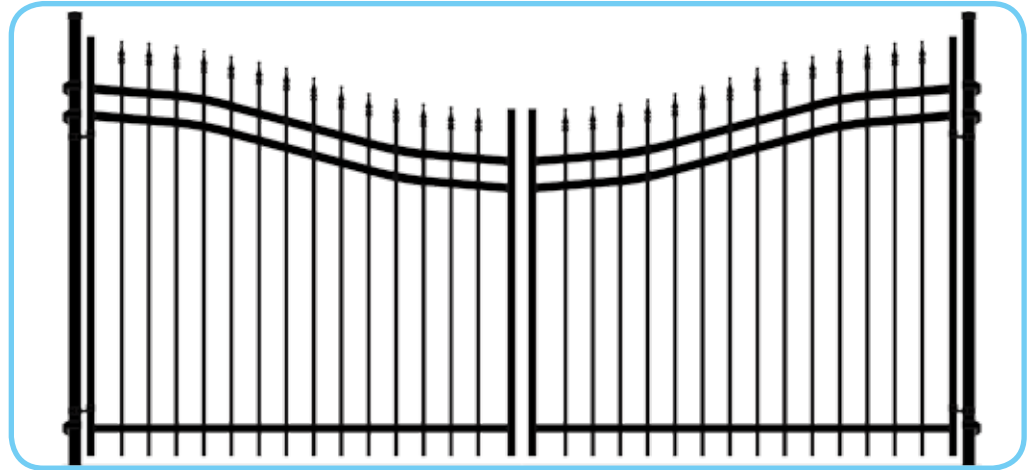
DOUBLE RAIL WAVE DOUBLE GATE
STANTON SERIES

Arched Gates (7000 Series Gates with Arched Rails Call for Availability)

REVERSE WAVE SERIES

Typical Gates Depicted – Can Be Ordered with Most Decorative Inserts (see dealer)

The Reverse Wave Series is identical to our Wave Series except the rails are inverted. The Reverse Wave is available in double gate only for both the Aristocrat and the Cavalier Series, as well as the Stanton Series. See Wave Series for reference.



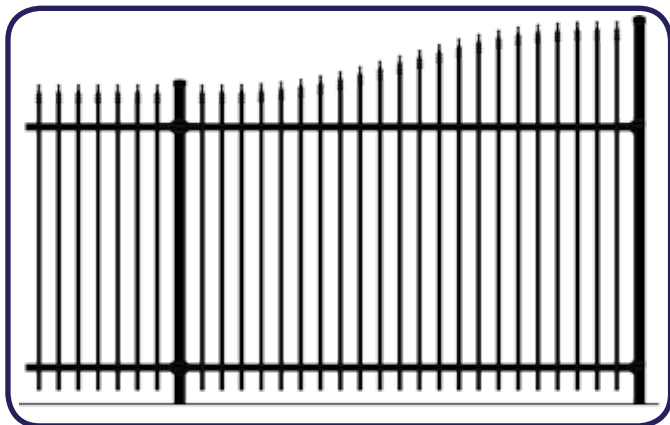
DOUBLE RAIL REVERSE WAVE DOUBLE GATE ARISTOCRAT & CAVALIER SERIES



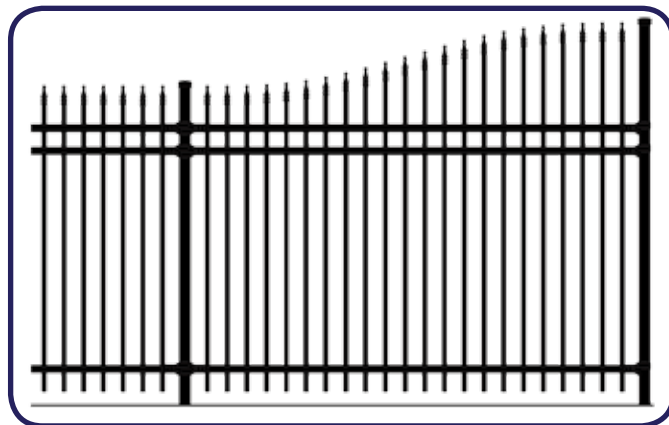
Limited 20-Year Warranty

Transitional Sections (7000 Series Gates with Arched Rails Call for Availability)

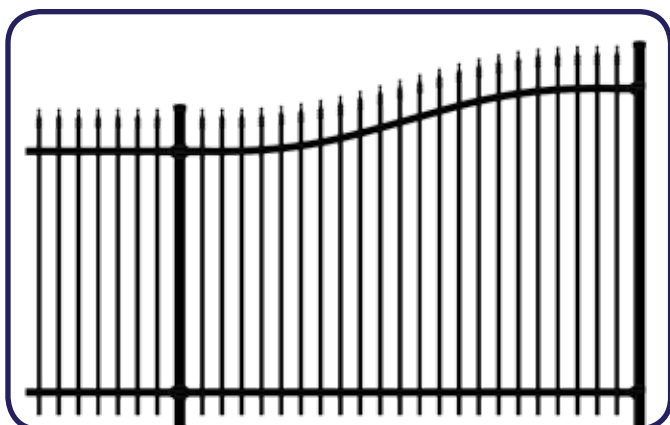
Typical Gates Depicted – Can Be Ordered with Most Decorative Inserts (see dealer)



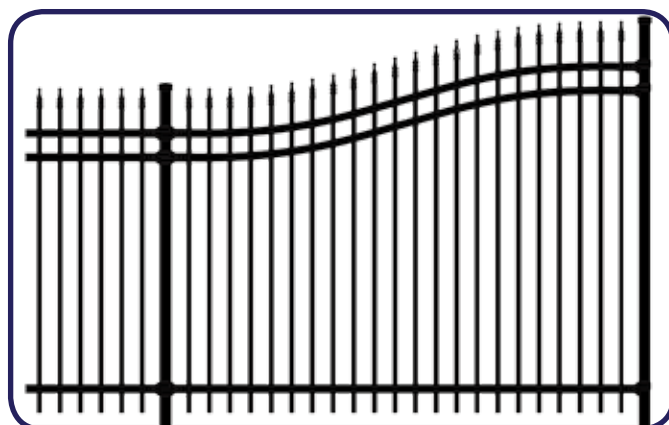
ARCHED PICKET STRAIGHT SINGLE RAIL
ARISTOCRAT & CAVALIER SERIES



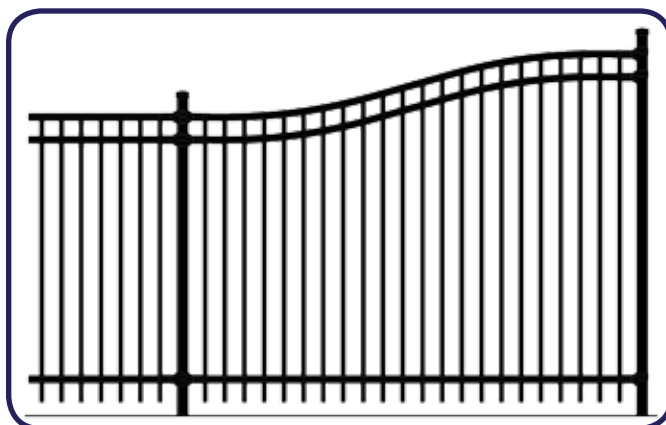
ARCHED PICKET STRAIGHT DOUBLE RAIL
ARISTOCRAT & CAVALIER SERIES



ARCHED PICKET CURVED SINGLE RAIL
ARISTOCRAT & CAVALIER SERIES



ARCHED PICKET CURVED DOUBLE RAIL
ARISTOCRAT & CAVALIER SERIES



CURVED DOUBLE RAIL
STANTON SERIES

Dimension Specifications

	STANDARD FENCE HEIGHTS				4000 SERIES						7000 SERIES						
					FENCE		SINGLE GATES		DOUBLE GATES		FENCE		SINGLE GATES		DOUBLE GATES		
					DISTANCE BETWEEN POSTS						DISTANCE BETWEEN POSTS						
STANDARD STYLES																	
ALDEN			48"	60"	72"	90"	36"	45"	60"	72"	90"	120"	92-1/2"	46"	60"	92"	120"
ARISTOCRAT			48"	60"	72"	94"	36"	48"	60"	72"	96"	120"	96-1/2"	46"	59"	92"	118"
ARISTOCRAT-DR			48"	60"	72"	94"	36"	48"	60"	72"	96"	120"	96-1/2"	46"	59"	92"	118"
CAMBRIDGE	36"	42"	48"	60"	72"	90"	42"	56"	68"	84"	112"	136"	N/A				
CAVALIER			48"	60"	72"	94"	36"	48"	60"	72"	96"	120"	96-1/2"	46"	59"	92"	118"
CAVALIER-SF			51"	63"	75"	94"	36"	48"	60"	72"	96"	120"	96-1/2"	46"	59"	92"	118"
CAVALIER-SF-DR			51"	63"	75"	94"	36"	48"	60"	72"	96"	120"	96-1/2"	46"	59"	92"	118"
IMPERIAL			48"	60"	72"	94"	36"	48"	60"	72"	96"	120"	96-1/2"	46"	59"	92"	118"
REGAL			48"	60"	72"	94"	36"	48"	60"	72"	96"	120"	N/A				
STANTON	36"	42"	48"	60"	72"	94"	36"	48"	60"	72"	96"	120"	96-1/2"	46"	59"	92"	118"
STERLING	36"	42"	48"	60"	72"	94"	38"	48"	62"	76"	96"	124"	N/A				
WINDSOR			48"	60"	72"	90"	36"	45"	60"	72"	90"	120"	92-1/2"	46"	60"	92"	120"

SEE DEALER FOR DETAILS OR REFER TO THE GATE CHART ON WEB UNDER BROCHURE TAB





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