

# Echelon II®



## ***INDUSTRIAL ORNAMENTAL ALUMINUM FENCE***

*INSTITUTIONS | MUNICIPAL | PARKS & RECREATION | SCHOOLS*



TALLAHASSEE (850) 942-1003

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Tallahassee, Fl 32303  
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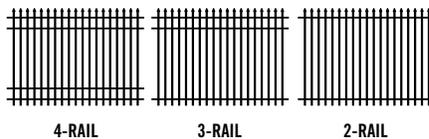
# WHY IS ECHELON II® THE MOST DOMINANT INDUSTRIAL ALUMINUM ORNAMENTAL FENCE IN THE MARKET?

**UNRIVALED STRENGTH. UNMATCHED DURABILITY. UNPARALLELED AESTHETIC.**



## CLASSIC™

Echelon II Classic style boasts traditional extended pickets with an arrow-shaped spear. These pointed pickets act as a visual warning to potential intruders.

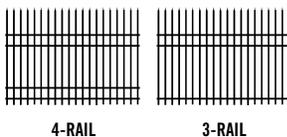


- 4-rail panels in 8', 9' & 10' heights
- 3-rail panels in 4', 5', 6' & 7' heights
- 2-rail panels in 4', 5' & 6' heights



## INVINCIBLE™

Echelon II Invincible features outwardly curved pickets that serve as a warning to potential intruders. This fence style is the only industrial aluminum fence available that provides increased security with its unique "anti-climb" curved pickets.



- 4-rail panels in 8', 9' & 10' heights
- 3-rail panels in 7' height

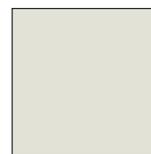
## COLORS



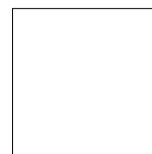
**BLACK**



**BRONZE**



**DESERT SAND**



**WHITE**

***This revolutionary fence system is comprised of aluminum posts, panels, & mounting brackets that are easily installed along any terrain. Echelon II's superior strength and durability is a result of combining top quality design components with a maintenance-free, architectural grade finish.***

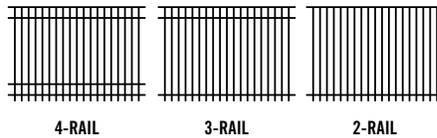
<b>PICKETS</b>	<b>RAILS</b>	<b>POST OPTIONS</b>		
1" x 1" x .062" / .125" wall*	1.75" x 1.75" x .070"	2.5" x 2.5" x .080"	3" x 3" x .120"	4" x 4" x .250"

\* Invincible only



## MAJESTIC™

Echelon II Majestic has a contemporary feel that incorporates a flush top rail that produces a stately and streamlined appearance. This fence style highlights the landscape by blending with the surrounding architectural design.

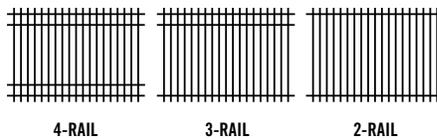


- 4-rail panels in 8', 9' & 10' heights
- 3-rail panels in 4', 5', 6' & 7' heights
- 2-rail panels in 4', 5' & 6' heights



## GENESIS™

Echelon II Genesis has sleek lines of unaltered square pickets that are reminiscent of solid vertical bar wrought iron. The extended flat-topped tips can also be accented with decorative finials to enhance the fence design.



- 4-rail panels in 8', 9' & 10' heights
- 3-rail panels in 4', 5', 6' & 7' heights
- 2-rail panels in 4', 5' & 6' heights

## ADORNMENTS



**BALL CAP**



**RING**



**TRIAD**



**QUAD FLAIR**

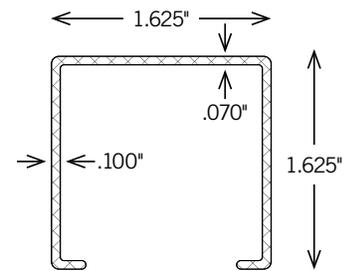
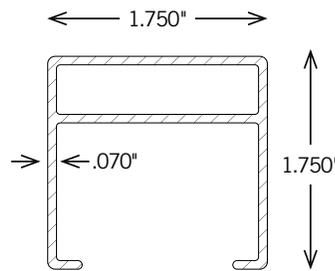


## STRUCTURAL PARAMETERS

### FORERUNNER™ (ALUMINUM) ECHELON II®

### U-CHANNEL (ALUMINUM) COMPETITORS

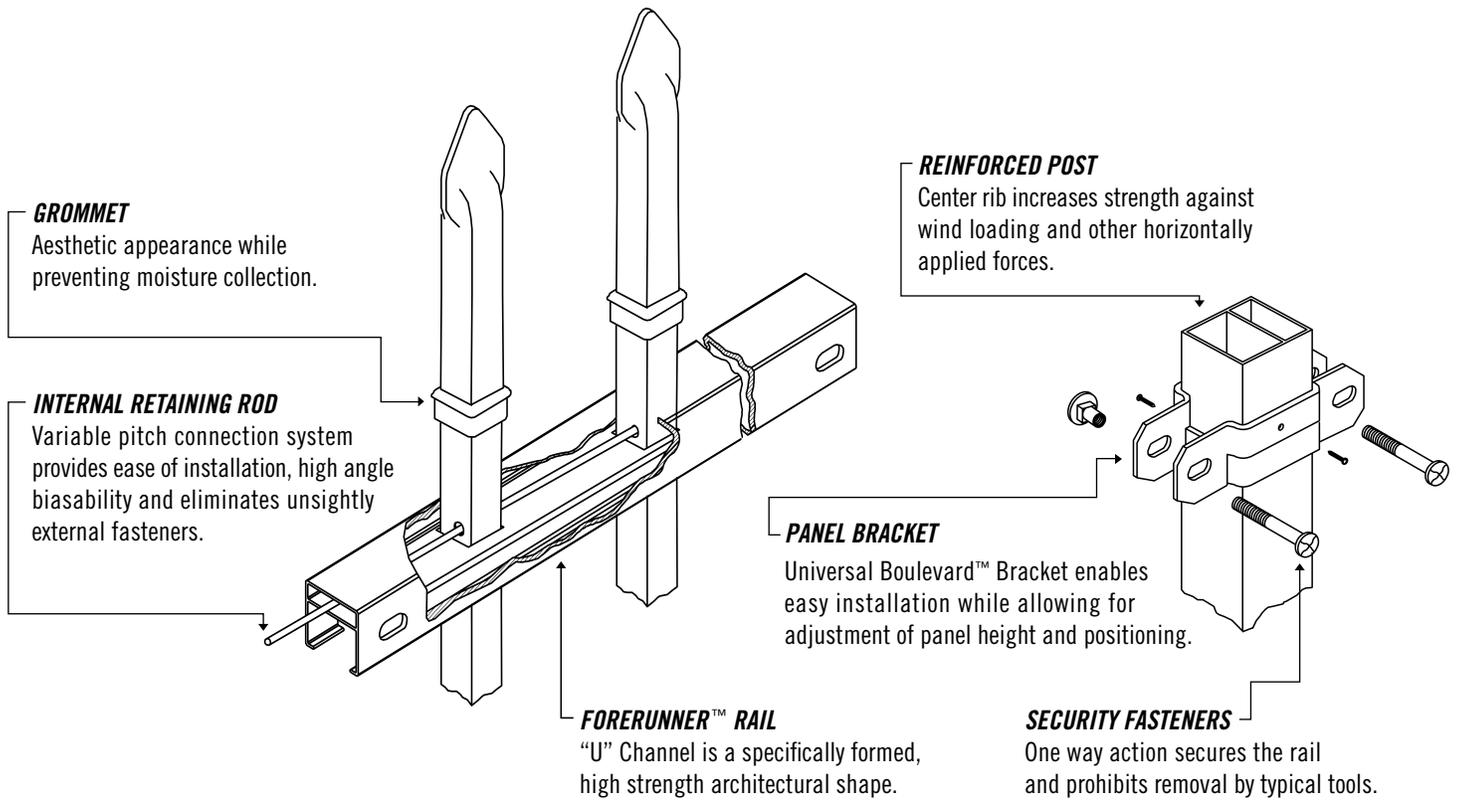
**Profile of the architectural shape of the rail.**  
**Vertical design loads are per rail.**  
 (For capacity of fence panel, multiply by number of rails.)



$T_{EFF}$ = EFFECTIVE WALL THICKNESS (IN)	.070	.100 / .070
$S_V$ = SECTION MODULUS (IN) VERTICAL	.125	.135
$S_H$ = SECTION MODULUS (IN) HORIZONTAL	.260	.260

<b>VERTICAL LOAD DATA</b> $PV_f$ = Ultimate Vertical	6' SPAN	243#	262#
	8' SPAN	182#	182#
<b>HORIZONTAL LOAD DATA</b> $PH_f$ = Ultimate Horizontal	6' SPAN	505#	499#
	8' SPAN	379#	373#
<b>VERTICAL LOAD DATA</b> $PV_d$ = Vertical Design load at .66° F	6' SPAN	145#	145#
	8' SPAN	109#	109#
<b>HORIZONTAL LOAD DATA</b> $PH_d$ = Horizontal Design load at .66° F	6' SPAN	303#	299#
	8' SPAN	227#	224#

# NO RIVETS. NO SCREWS. NO WELDS.



## ➤ INCREASED SECURITY

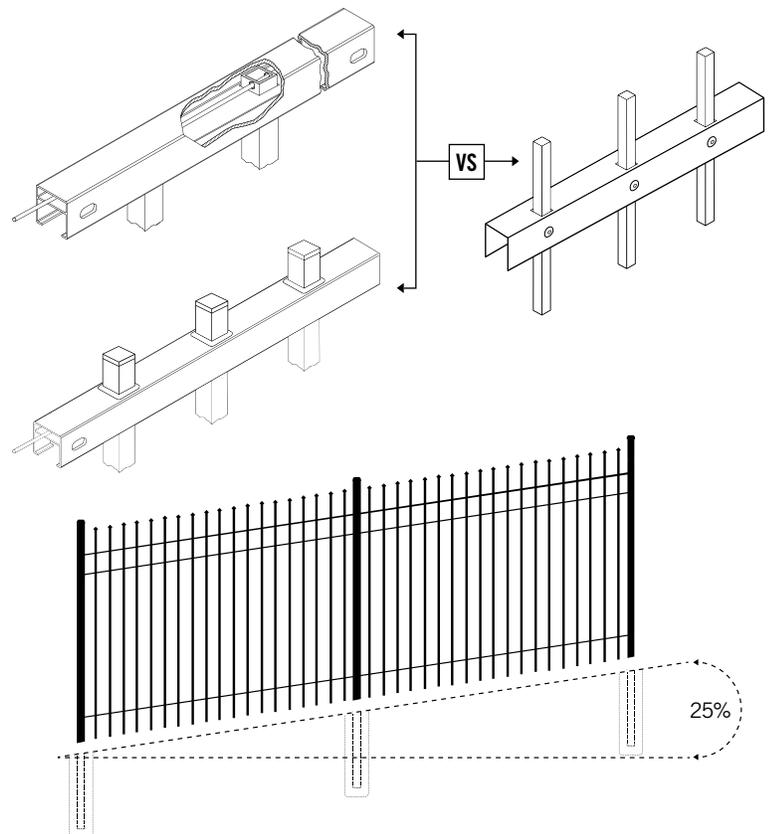
The ForeRunner Rail with internal retaining rod prevents the attachment from being compromised. Fasteners are not exposed.

## ➤ AESTHETIC DETAILS

"Good Neighbor Design" rod follows ForeRunner Centerline providing a clean and uninterrupted look void of visible screws or rivets.

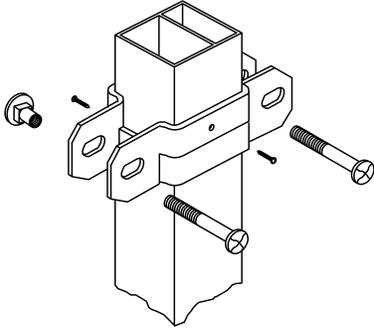
## ➤ HIGH FUNCTIONALITY

Biasability at a minimum of 25% that requires no additional assembly.



## POST STRENGTH & SECURITY

There are many advantages to choosing Echelon II® reinforced posts over standard punched posts made by typical aluminum fence manufacturers.



### ECHELON II® POST

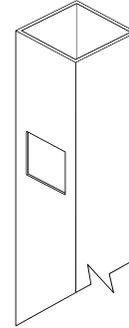
- Echelon II posts provide unparalleled strength due to a reinforced web profile design
- Echelon II requires a single post (*non-punched*) for all line, end, & corner posts (*one post*)
- Echelon II's wrap-around brackets are secured to the rail with a tamper proof fastener, ensuring the greatest level of security

### ➤ SUPERIOR FINISH

Ameristar's production facilities use a state-of-the-art polyester powder coating system that provides a durable and scratch resistant finish while emitting no hazardous volatile organic compounds. The fence components can endure over 1,000 hours of salt spray testing — proving our claim of long-lasting durability. Our industrial aluminum guarantees a maintenance-free and environmentally friendly fence.

### ➤ LIMITED LIFETIME WARRANTY

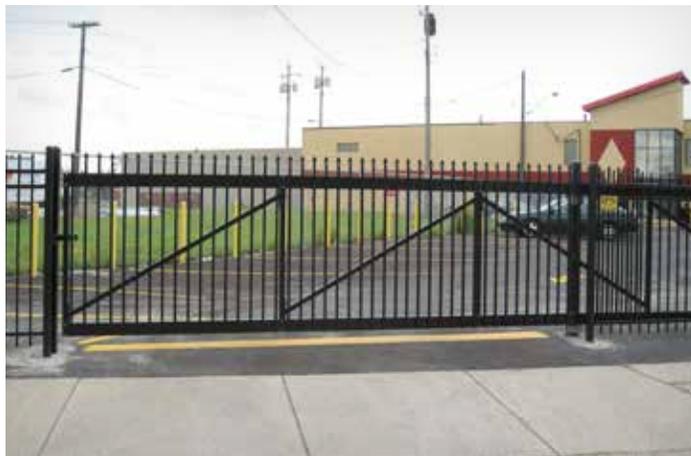
The Echelon family of aluminum fencing products are manufactured from superior quality materials by skilled craftsmen with the highest standards of workmanship in the industry. A six stage pre-treatment followed by an electrostatic spray of a “no-mar” TGIC polyester powder coat finish on all extruded framework provides protection against adverse environmental conditions. By using these proven techniques, Ameristar® is confident in offering Echelon with a limited lifetime warranty.



### STANDARD PUNCHED POST

- Punched posts are weakened by removal of material from side-wall, yielding a vulnerable design
- Punched post designs require different posts for all line, end, & corner posts (*multiple posts*)
- Punched post systems require the rail be inserted into the post and secured using a single screw, providing no level of security





**SLIDE GATE**



**SWING GATE**

## ***GATE SYSTEMS***

Echelon II® gate options vary from swing gates for pedestrian or vehicle entry to sliding entry gates for high functioning points of entry. Each of these gate systems are individually constructed with the highest level of craftsmanship to provide project specific performance.



# Why choose Ameristar?

## KNOWLEDGE AND EXPERIENCE

For over 30 years we've delivered aesthetically pleasing, high-quality and innovative fencing products with superior design strength and easy installation.

## PROVEN CAPABILITIES

Our integrated in-house processes, extensive raw materials and finished goods inventory translate into quality, on-time delivery.

## INDUSTRY LEADERSHIP

We continually raise the bar in manufacturing customer-focused solutions. Our high standards produce premium products that go beyond merely meeting minimum industry standards.



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