

# IMPASSE II<sup>®</sup>

High Security Steel Palisade Fence



FENCE PRODUCTS

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Experience a safer and more open world

**AMERISTAR<sup>®</sup>**

**ASSA ABLOY**



# IMPASSE II<sup>®</sup>

## HIGH SECURITY STEEL PALISADE FENCE



*The SAFETY Act, created by the US Department of Homeland Security, manages risks and litigation related to acts of terrorism.*



*Ameristar is committed to providing products that meet the Buy American Act.*



*Ameristar products have the opportunity to earn LEED points.*



*Conforms to IEEE grounding standards.*



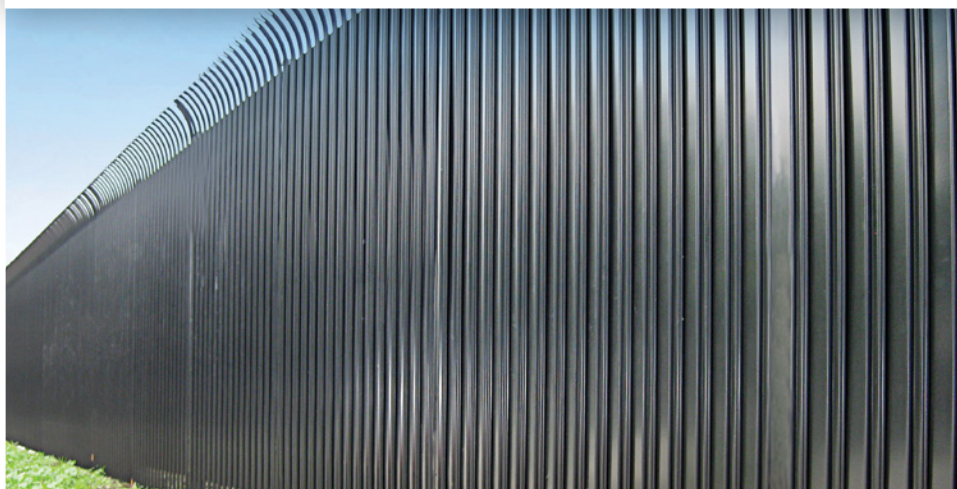
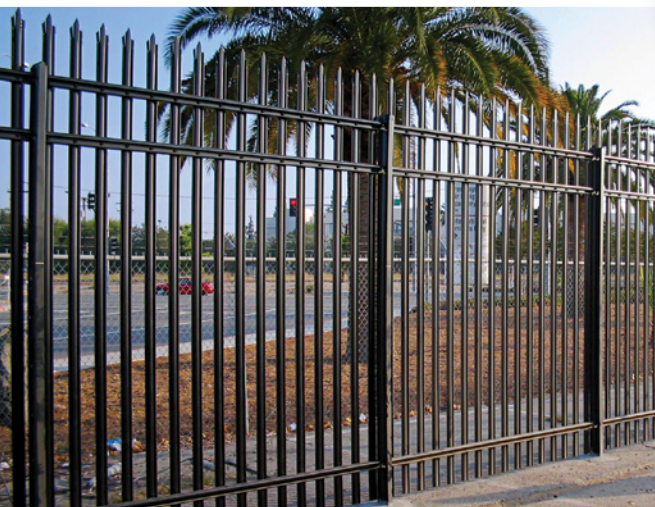
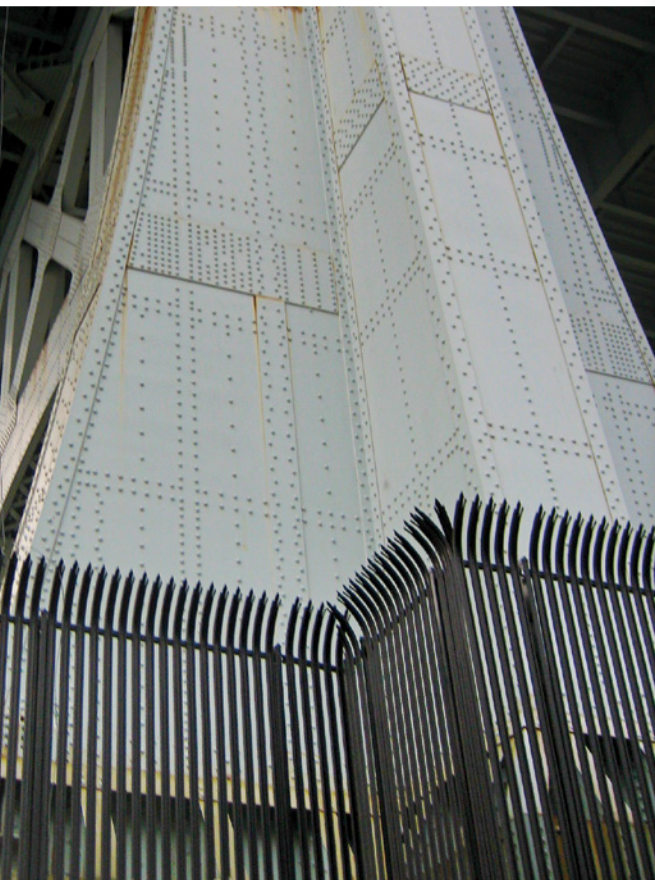


# UNPARALLELED PROTECTION

**Maintaining a secure perimeter is your first line of defense against potential threats.** Impasse II fence systems serve as a visual deterrent backed with heavy steel components that give a higher level of protection compared to the traditional chain link or architectural mesh fence alternatives.

## Primary applications

- Military Sites
- Government Facilities
- Petroleum & Chemical Facilities
- Power Plants & Substations
- Airports
- Data Centers
- Ports of Entry
- Water Treatment & Storage



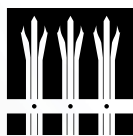


# SCALABLE DESIGN

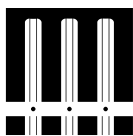


TRIDENT™

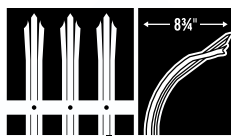
STYLES



TRIDENT™



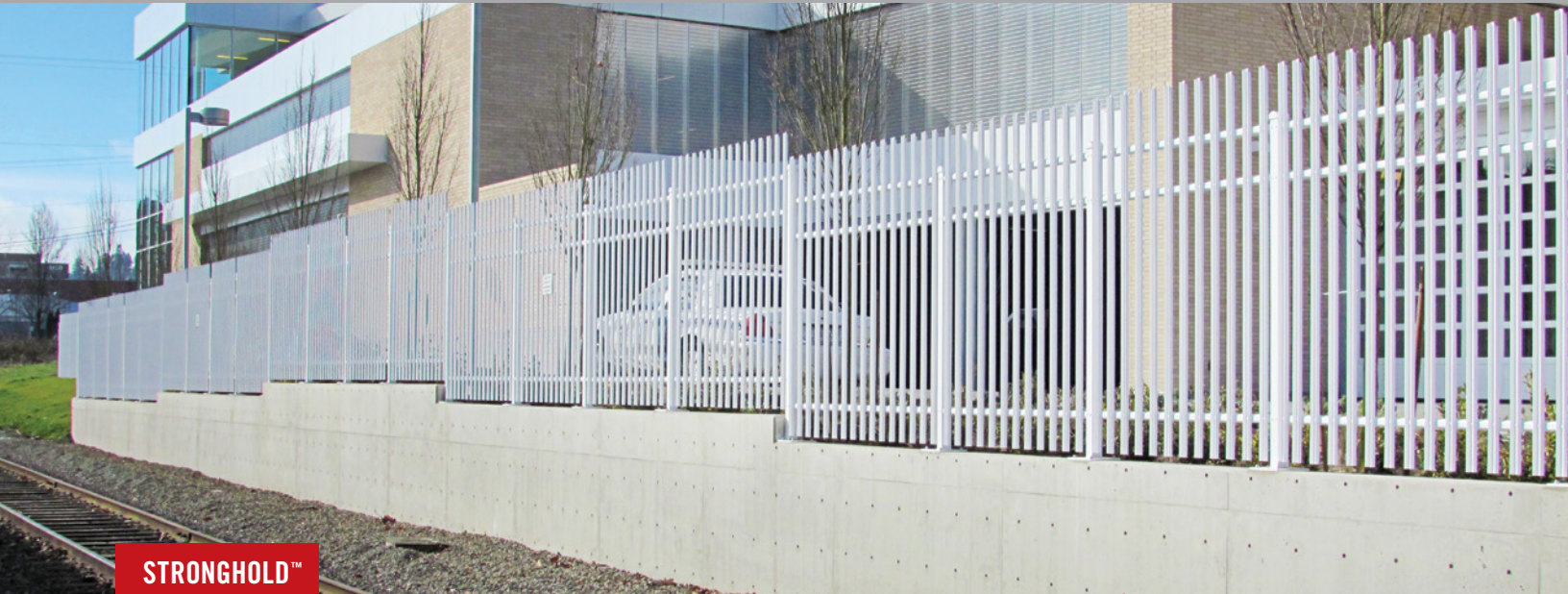
STRONGHOLD™



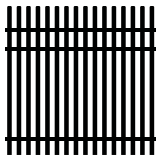
GAUNTLET™



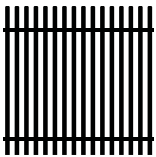
PALES	RAILS	I-BEAM POSTS	HEIGHTS
2.75" W X 14 GA.	2" X 2" X 11 GA.	3" X 2.75" X 12 GA. 4" X 2.75" X 11 GA.	6', 7', 8', 9', 10'



PANELS



**3-RAIL PANELS**  
Available in  
6', 7', 8', 9'  
& 10' heights



**2-RAIL PANELS**  
Available in  
6', 7' & 8' heights

6' not available in Gauntlet

COLORS



BLACK



BRONZE



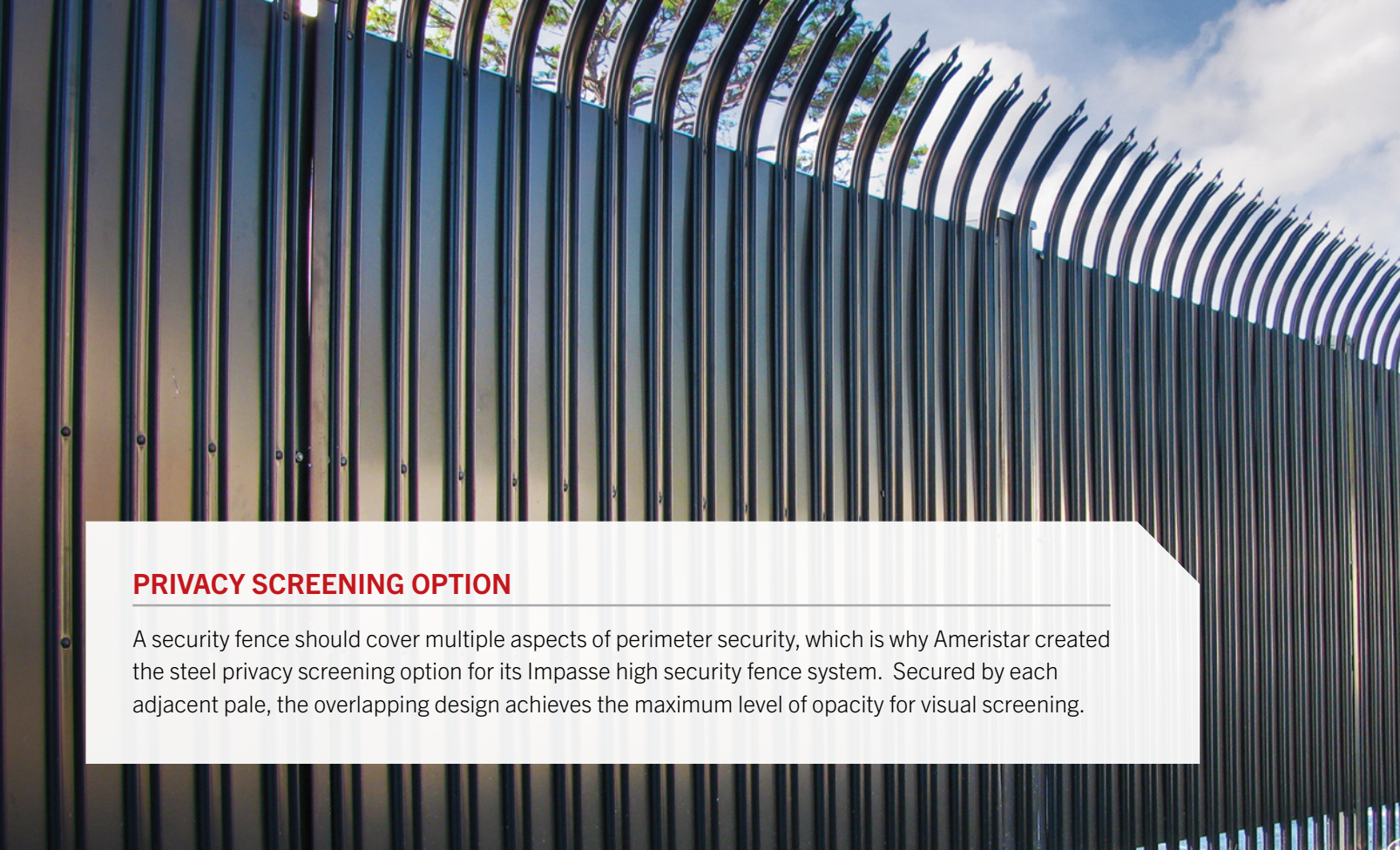
SAND



WHITE

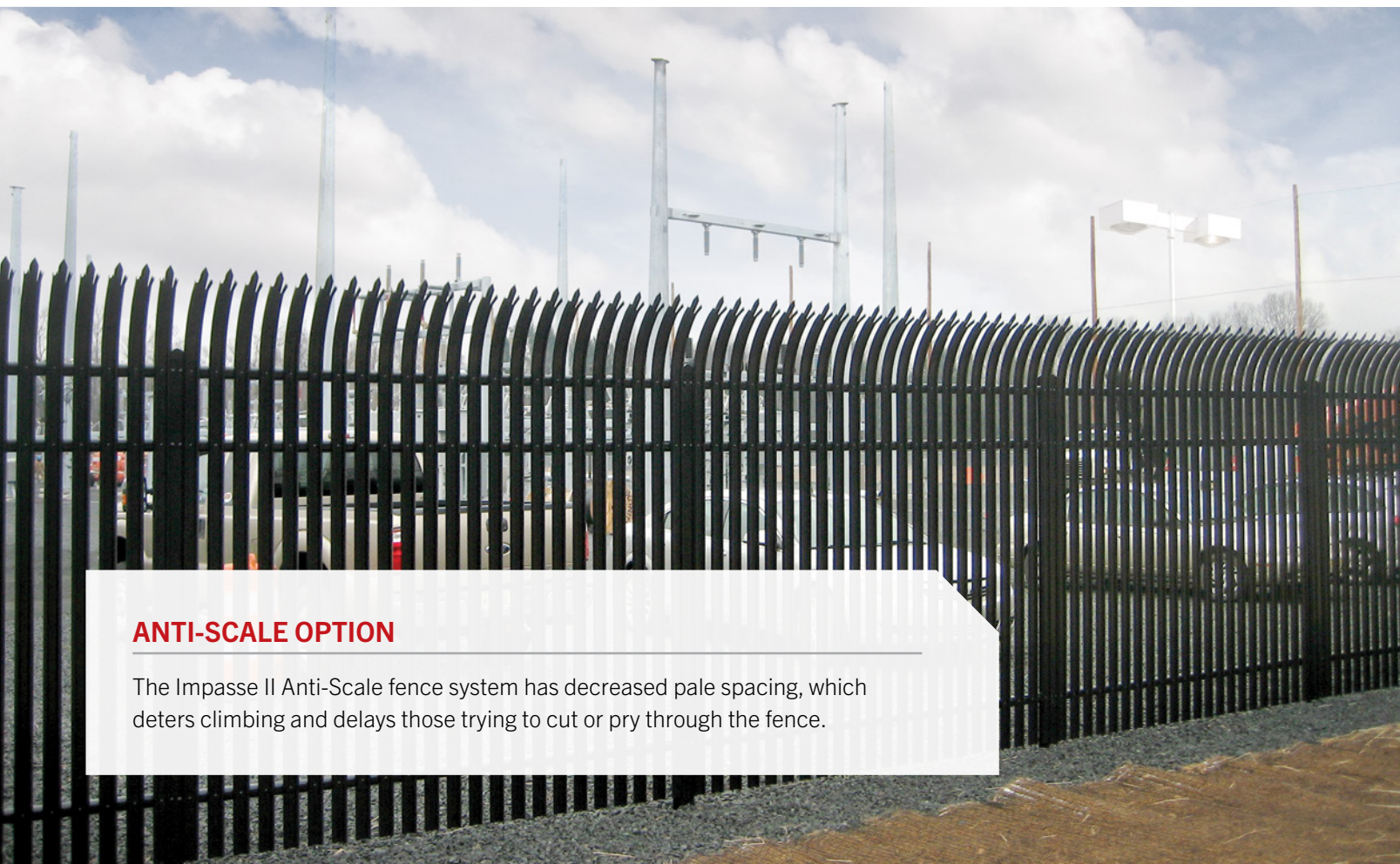
Refer to color sample for actual color  
Custom colors also available.





### PRIVACY SCREENING OPTION

A security fence should cover multiple aspects of perimeter security, which is why Ameristar created the steel privacy screening option for its Impasse high security fence system. Secured by each adjacent pale, the overlapping design achieves the maximum level of opacity for visual screening.



### ANTI-SCALE OPTION

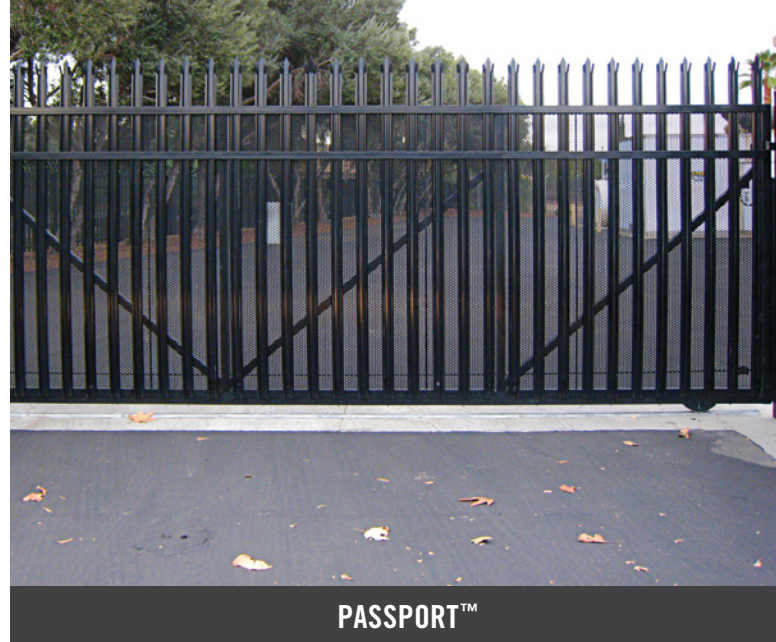
The Impasse II Anti-Scale fence system has decreased pale spacing, which deters climbing and delays those trying to cut or pry through the fence.



# SLIDE AND SWING GATES

Egress & ingress requirements are unique to each application. Managing traffic flow & usage demands are of the utmost importance, which is why Impasse II is manufactured in a variety of gate types built to balance function, security & beauty.

Ameristar Traverse™ & Passport™ sliding gates perfectly match the perimeter fence system to create a seamless & stunning design while exuding a commanding presence of security built to unite perimeter and entry.



PASSPORT™



TRAVERSE™



EXODUS



# CORROSION TESTING

Corrosion occurs more easily without the proper preparation and protection, which is why Ameristar has put our fence products to the test based on **ASTM B117** standards. The results speak for themselves.

## CORROSION-PROCESS



**PAINTED STEEL**



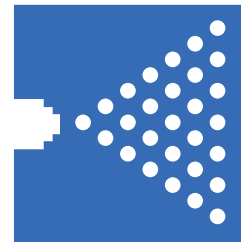
**PRIMED &  
PAINTED STEEL**

## PERMACOAT™

**THE INDUSTRY STANDARD SINCE 1992**

In our unique PermaCoat process, our pre-galvanized steel base undergoes an 11-stage cleansing and preparation process. PermaCoat's corrosion resistance exceeds that of painted surfaces with a "no-mar" polyester powder top coat. This dual coating not only withstands weathering but also reduces scratch and burnishing marks often seen during shipping.

## PRE-TREATMENT



### **ALKALINE WASH**

Cleans metal for proper adhesion of zinc phosphate

1



### **FIXIDINE RINSE**

Rinses excess alkaline prior to zinc phosphate application

2



*Impasse II is backed by over 30 years of excellence in the fencing industry.*







### SINGLE COAT PROCESS

Iron Phosphate +  
Polyester Powder Coat



### SINGLE COAT PROCESS

Phosphate +  
Polyester Powder Coat

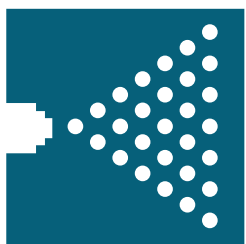


### PERMACOAT PROCESS

Phosphate +  
Epoxy Powder Coat +  
Polyester Powder Coat



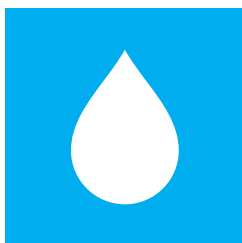
After these **7 stages**, the steel surface will be completely prepped for the **next 4 coating stages** by **removing everything** that **inhibits** proper adhesion. →



#### PHOSPHATE

Corrosion resistant layer that  
assists in bonding powder coating

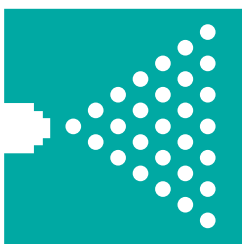
3



#### CLEAR WATER RINSE

A bit of clean H<sub>2</sub>O to prep  
for the next phase

4



#### NON-CHROMATE SEAL

Barrier to prevent moisture  
from reaching base metal

5



#### CLEAR WATER RINSE

Final wash in H<sub>2</sub>O to remove any  
excess debris or particles

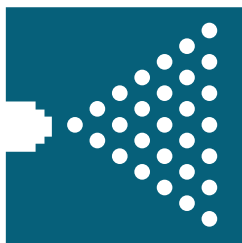
6



#### DRYING OVEN

Eliminates all moisture prior  
to double coating

7



#### EPOXY POWDER COAT

Epoxy powder is  
electrostatically applied

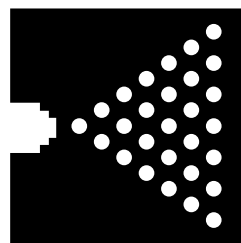
8



#### EPOXY GEL OVEN

Powder is gelled & cured  
to finish coat

9



#### POLYESTER POWDER

TGIC powder is  
electro-statically applied

10



#### FINISH CURING OVEN

Seals finish for years of  
maintenance-free use

11

DOUBLE COATING



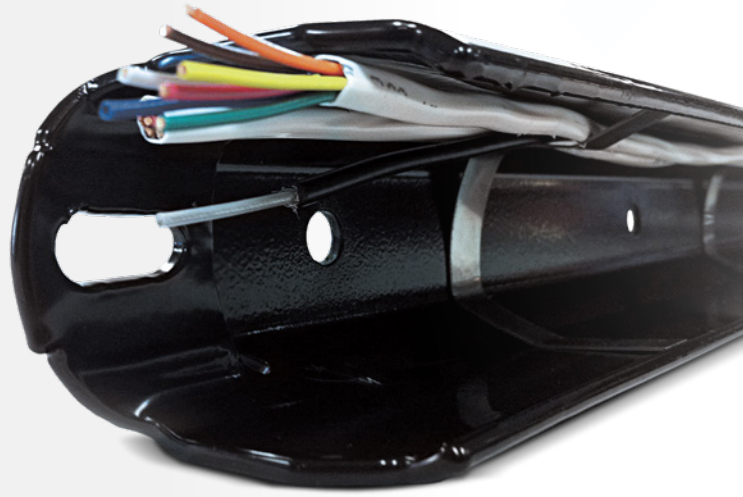


# SYSTEMS INTEGRATION

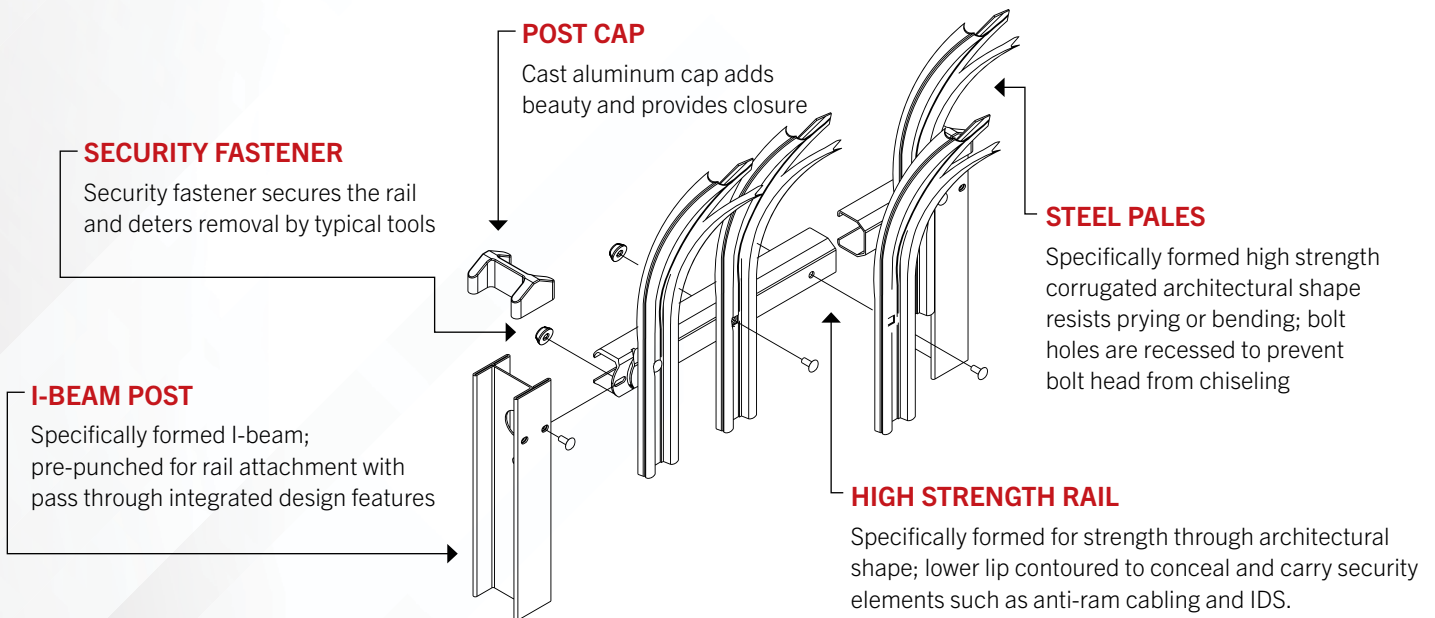
The Impasse II framework is a raceway for wiring, conduits, and/or security cabling required around the perimeter of a project. This integrated design eliminates the need for costly trenching and boring, becoming a value-added solution for perimeter security upgrades.

**When installing these security elements, use Impasse II as a platform:**

- Communication & Video Cables
- Access Control Wiring
- Intrusion Detection / Fiber Optic Cables
- Conduits
- Anti-Ram Cabling (Stalwart)

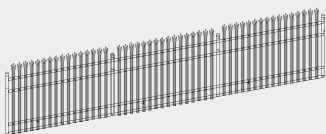


*(Inside of rail shown above / view from protected side)*

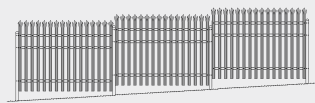


## RACKABLE VS STAIR-STEP

Biasability at a minimum of 25% that requires no additional assembly. This unique feature eliminates unsightly stair-stepping panels.



**FULLY RACKABLE  
PANELS**



**STAIR-STEPPING  
PANELS**





# ARCHITECTURAL SUPPORT AND SOLUTION SERVICES

Ameristar's Project Solution Specialists are experienced in every facet of perimeter security design. Our goal is to assist the architectural community in finding the best perimeter and entry solutions for their projects.

## Services

- Extensive library of project photos
- BIM & CAD drawings
- Architectural specifications
- Project budget quotes



## ANTI-RAM BARRIER & IMPASSE II

Stalwart integrates with Impasse II to create a high security fence system with anti-ram capabilities. Together, they form a crash-rated barrier, ensuring the highest level of protection. Stalwart IS is a great visual deterrent that delivers strength and fortitude to keep any assailant from easily breaching the perimeter.

Stalwart offers multiple anti-ram ratings. Each installation can be designed with the most appropriate stand-off distance from the assets.

**M50 M40 M30 PU60 PU50 PU30 K12 K8 K4**



# Why Choose Ameristar?

## KNOWLEDGE AND EXPERIENCE

For over 40 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.



Scan to learn  
more about  
Impasse II®



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