HIGH SECURITY STEEL PALISADE FENCING
AESTHETIC APPEAL. UNPARALLELED PROTECTION.

Traditional security fences of chain link or wire mesh are no longer enough to meet today's increased security demands. Ameristar's Impasse II security fence offers the resistive strength of heavy-duty steel pales secured vertically to a framework of specially formed rails and I-beam posts. The stylish design of the Impasse II, combined with its strength and security, provides a successful first line of defense.
Primary applications for Impasse II ornamental steel fence systems include:

- Military Sites
- Government Facilities
- Petroleum & Chemical Facilities
- Power Plants & Substations
- Airports
- Data Centers
- Ports of Entry
- Water Treatment & Storage
The Impasse Trident pale rises above the topmost rail and terminates with a menacing triple-pointed splayed spear tip. The intimidating look of the Trident corrugated pale is a visual deterrent to any who would dare to intrude.

- 3-RAIL PANELS | 6', 7', 8', 9' & 10' HEIGHTS
- 2-RAIL PANELS | 6', 7' & 8' HEIGHTS

The blunt, slightly rounded tip of the Stronghold offers strength when necessary, while providing safety and security to the general public. The Stronghold features the same structural configurations of its high-security counterparts.

- 3-RAIL PANELS | 6', 7', 8', 9' & 10' HEIGHTS
- 2-RAIL PANELS | 6', 7' & 8' HEIGHTS
Gauntlet is designed with *high-tensile steel corrugated pales that rise above the topmost rail with an outward curve* and terminate with a triple-pointed splayed spear tip. The outward curved pales *discourage attempts to gain access* by would be intruders.

- **3-RAIL PANELS** | 6’, 7’, 8’, 9’ & 10’ HEIGHTS
- **2-RAIL PANELS** | 6’, 7’ & 8’ HEIGHTS

The Impasse II Anti-Scale fence system has *decreased pale spacing*, which helps deter the assailant from climbing, and *increases the delay time when trying to cut or pry through the fence*.

**COLOR OPTIONS**

- **BLACK**
- **BRONZE**
- **SAND**
- **WHITE**

Custom colors also available
Impasse II is protected by the unique PermaCoat process. Our **PRE-GALVANIZED STEEL BASE MATERIAL** is subjected to an **11-STAGE PROCESS** to cleanse & prepare the steel for a **DUAL TOP-COAT FINISH**. PermaCoat’s corrosion resistant abilities far surpass those of painted surfaces and have a “no-mar” polyester powder top coat. This dual coating not only provides **RESISTANCE FROM WEATHERING** but also reduces scratch & burnishing marks typically encountered during shipping.

### Pre-Treatment

1. **ALKALINE WASH**
   - Cleans metal for proper adhesion of zinc phosphate

2. **FIXIDINE RINSE**
   - Rinses excess alkaline prior to zinc phosphate application

3. **PHOSPHATE RINSE**
   - Corrosion resistant layer that assists in bonding powder coating

4. **CLEAR WATER RINSE**
   - A bit of clean H2O to prep for the next phase

### Double Coating

8. **EPOXY POWDER COAT**
   - Epoxy powder is electrostatically applied

9. **EPOXY GEL OVEN**
   - Powder is gelled & cured to finish coat

10. **POLYESTER POWDER**
    - TGIC powder is electro-statically applied

11. **FINISH CURING OVEN**
    - Seals finish for years of maintenance free use
ONCE COMPLETED, THESE 7-STAGES WILL HAVE REMOVED EVERYTHING FROM THE SURFACE OF THE STEEL THAT MIGHT INHIBIT THE FINISH FROM PROPERLY ADHERING DURING THE NEXT 4-STAGES OF THE COATING PROCESS.

Non-Chromate Seal
Barrier to prevent moisture from reaching base metal

Clear Water Rinse
Final wash in H2O to remove any excess debris or particles

Drying Oven
Eliminates all moisture prior to double coating

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

Corrosion Testing

100 Hours
Painted Steel

168 Hours
Primed & Painted Steel

200 Hours
Single Coat Process
Iron Phosphate + Polyester Powder Coat

1,500 Hours
Single Coat Process
Zinc Phosphate + Polyester Powder Coat

3,500 Hours
Permacoat Process
Zinc Phosphate + Epoxy Powder Coat + Polyester Powder Coat
Impasse II panels and posts are manufactured using **HIGH-TENSILE PRE-GALVANIZED G-90 STEEL.** Each component has been **ROLL-FORMED** into a unique profile that yields significant strength properties. Impasse II’s distinct design enables the fence to **TRAVERSE AGGRESSIVE CHANGES IN GRADE IN ORDER TO MAINTAIN SECURITY** along any perimeter. Each connection point of the Impasse II system is secured with **TAMPER-PROOF FASTENERS** providing the **HIGHEST LEVEL OF SECURITY & VERSATILITY.**

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**POST CAP**
Cast aluminum cap adds beauty and provides closure

**FASTENER**
Security fastener prevents tampering or removal by typical tools

**I-BEAM POST**
Specifically formed I-beam; pre-punched for rail attachment with pass through integrated design features

**STEEL PALES**
Specifically formed high strength corrugated architectural shape resists prying or bending; bolt holes are recessed to prevent bolt head from chiseling

**HIGH STRENGTH RAIL**
Specifically formed for strength through architectural shape; lower lip contoured to conceal & carry security elements such as anti-ram cabling, IDS, etc.

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**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.
PRIVACY SCREENING OPTION

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

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

RAKEABLE VS STAIR-STEP

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

DESIGN INTEGRATION

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

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

Ameristar’s Impasse II is backed by over 30 years of excellence in the fencing industry

Ameristar’s Impasse II is certified by the US Department of Homeland Security as a method of risk management against acts of terrorism

Ameristar products have the opportunity to earn LEED points
Stalwart IS unites the strongest security fence available with the most widely used anti-ram perimeter barrier. The appearance of Stalwart IS is a great visual deterrent that delivers strength and fortitude for keeping any assailant from easily breaching the perimeter.

Stalwart IS offers multiple anti-ram ratings. Each installation can be designed with the most appropriate standoff distance from the asset.

Stalwart IS
ANTI-RAM BARRIER + SECURITY FENCE

M50  M40  M30
PU60  PU50  K12  K8  K4

ARCHITECTURAL SUPPORT & SOLUTION SPECIALISTS

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 & entry solutions for their projects. Ameristar’s extensive library of project photos, CAD drawings, architectural specifications & project budget quotes are just a few of the services our team offers to complete your project design.
SLIDE GATES & 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 Transport™ & 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.
KNOWLEDGE & EXPERIENCE

Ameristar was chartered over 30 years ago in response to the demand by consumers & specifiers for specialty fence products. Ameristar offers an aesthetically pleasing product that is both high in quality & affordability. This has been achieved by maximizing high-volume productivity, increasing product design strength, and promoting simplistic installation.

PROVEN CAPABILITY

Ameristar’s integrated in-house process & extensive raw material inventory results in much improved productivity and availability compared to the competition. By having a vast finished goods inventory, Ameristar is capable of delivering finished products faster than competitors who sublet the majority of their operations.

INDUSTRY LEADERSHIP

Over the years Ameristar has continually raised the bar across the board in the manufacturing of high quality, innovative fencing products. Our demonstrated commitment to upholding higher values translates into superior products that go far beyond merely meeting minimum industry standards.