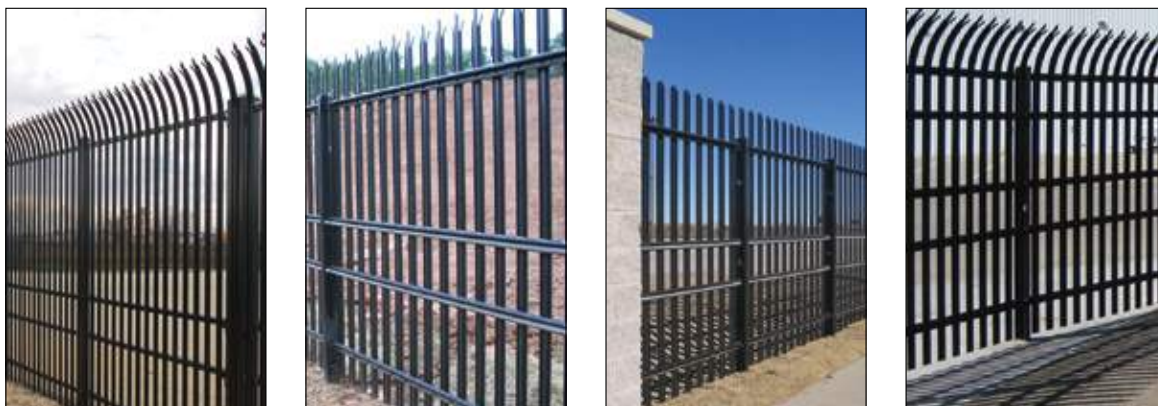


STALWART IS

ANTI-RAM BARRIER WITH HIGH SECURITY FENCE



THE PREFERRED SECURITY FENCE & BARRIER SOLUTION

The Stalwart IS (Impasse Security) system integrates the design elements of a high security fence with an anti-ram barrier. Ameristar Fence Products continues to develop new products to meet the rising demand for protecting and securing at-risk facilities.

IMPASSABLE

Stalwart IS unites the strongest security fence available with the most widely used anti-ram perimeter barrier.

INTIMIDATING

The appearance of Stalwart IS is a great visual deterrent that delivers strength and fortitude for keeping any assailant from easily breaching the perimeter.

INTEGRATED

The unique design of the Stalwart IS framework enables the perimeter barrier system to become a platform for multiple security components.



We take great pride in manufacturing "Made in the USA" products. Ameristar is located in Tulsa, Oklahoma and is American owned and operated.

Applications:

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

Covered by or for use with one or more of the following U.S. patents: 6.874.767, 7.188.826, 7.651.073, 7.441.751, 7.461.833, 7.475.868, D566292, D572374, D573270



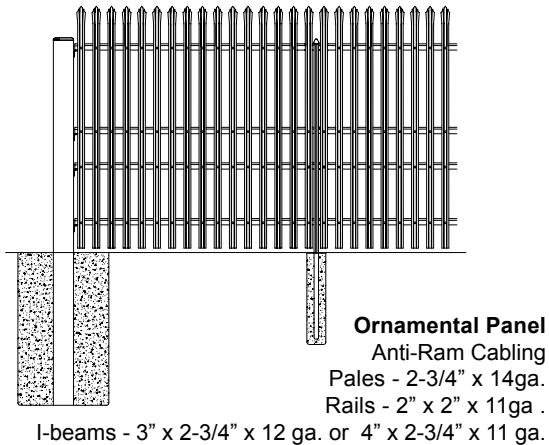
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STALWART IS

ANTI-RAM BARRIER WITH HIGH SECURITY FENCE

DESIGN

The Stalwart IS system is manufactured of high-tensile steel and is pre-galvanized inside and out for superior corrosion protection. Each component is crafted to encourage an anti-climb and anti-cut perimeter barrier providing the highest level of delay and visual deterrent.



I-beams - 3" x 2-3/4" x 12 ga. or 4" x 2-3/4" x 11 ga.

RATINGS

Stalwart IS anti-ram rating designations

- M50 (K12)
- M40 (K8)
- M30 (K4)
- PU60
- PU50

COATING & WARRANTY

Stalwart IS is coated using Ameristar's PermaCoat process; this dual-coat finish yields the best results for durability and weathering in the fence industry. Ameristar has over 25 years of experience in coatings, granting Stalwart IS systems a 15 year warranty.



Stalwart IS is produced using up to 96% post-industrial recycled steel.

DESIGNATIONS

Stalwart IS has multiple anti-ram ratings engineered and tested to ASTM F2656 standards. Ameristar offers several rating options so that each site can be designed for the appropriate stand-off distance from the asset.

SECURITY PLATFORM

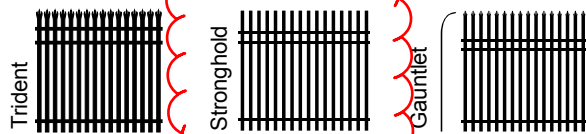
Stalwart IS framework is a raceway for wiring, conduits, and/or security cabling required around the perimeter of a project. This integrated design eliminates the need for costly trenching and boring becoming a value added solution for perimeter security upgrades.

Stalwart IS framework is a platform for security components:



- Communication & Video cables
- IDS / Fiber Optic Cables
- Access Control Wiring
- Conduits
- Anti-ram Cabling

STYLES



Also available in Impasse II Anti-Scale pale spacing - 1.5" airspace



AMERISTAR FENCE PRODUCTS
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GAUNTLET STYLE

The Stalwart IS 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 pale discourages attempts to gain access by climbers. The Gauntlet palisade fence style is optimal when requiring an anti-climb or anti-scale fence system.



STRONGHOLD STYLE

The blunt, slightly rounded tip of the Stalwart IS Stronghold style offers strength where necessary, while providing safety for the general public. The Stronghold high

security fence features the same structural configurations of its high security counterparts.



TRIDENT STYLE

The Stalwart IS Trident style is made of high-tensile steel corrugated fence pales that rise above the topmost rail and terminate with a menacing triple-pointed splayed spear tip. The

Stalwart IS Security palisade fence style provides a menacing visual deterrent.

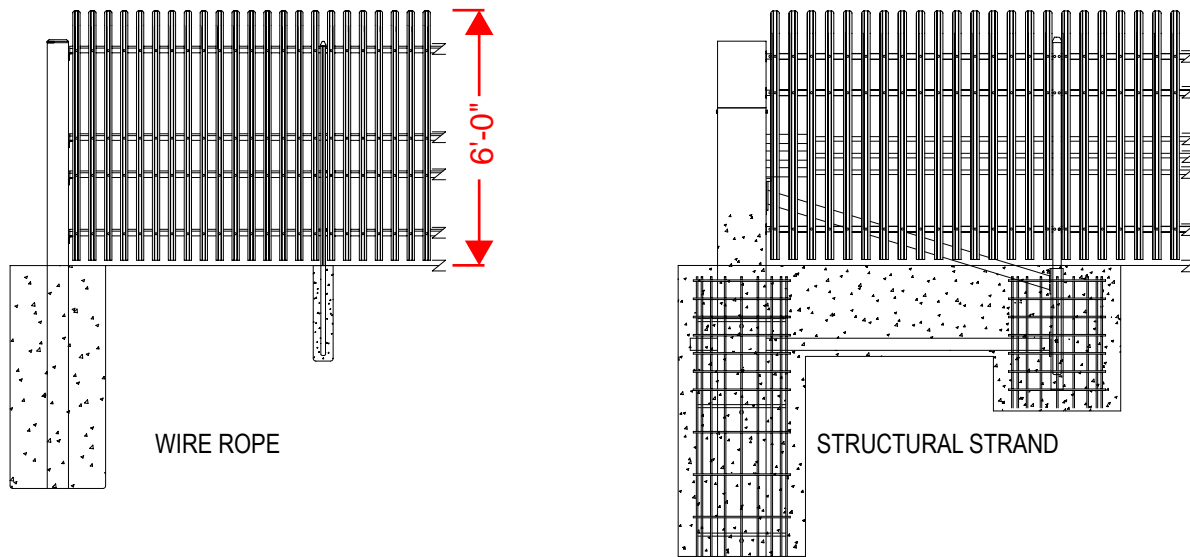
STALWART IS®



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 FAX: 1-877-926-3747

IMPASSE SECURITY CABLE BARRIER

STRONGHOLD



STALWART IS STRONGHOLD

SYSTEM DRAWING NUMBER	ANTI-RAM DESIGNATION	DYNAMIC PENETRATION
SIS-M501-SS	M50 / P1 Tested ASTM F2656	3.1 Ft.
SIS-M402-SS	M40 / P2 Tested ASTM F2656	4.5 Ft.
SIS-M301-SS	M30 / P1 Tested ASTM F2656	.04 Ft.
SIS-M302-WR	M30 / P2 Engineered (Equivalent to K4)	N/A
SIS-P602-WR	PU60 / P2 Engineered	N/A
SIS-P502-WR	PU50 / P2 Engineered	N/A
SIS-K8DOD-WR	K8	0 Ft.*
SIS-K12DOD-WR	K12	6.6 Ft.

Note: *Dynamic penetration was not a measurable factor considered during the time of the test. Dynamic penetration is a calculation based on test results.

M50 = 15,000lbs Vehicle @ 50 MPH | M40 = 15,000lbs Vehicle @ 40 MPH | M30 = 15,000lbs Vehicle @ 30 MPH | PU60 = 5,070lbs Vehicle @ 60 MPH
 PU50 = 5,070lbs Vehicle @ 50 MPH | K12 = 15,000lbs Vehicle @ 50 MPH | K8 = 15,000lbs Vehicle @ 40 MPH | K4 = 15,000lbs Vehicle @ 30 MPH
 P1 = < 3.3', P2 = 3.31' to 23.0', P3 = 23.1' to 98.4', DOD = Items tested prior to ASTM standard being in affect / recognized by DOD-USACE

SYSTEM NOMENCLATURE

PRODUCT FAMILY (S=STALWART) | PRODUCT LINE (IS=IMPASSE STRONGHOLD) | ANTI-RAM CLASSIFICATION (M50, M40, M30, P60, P50, K12, K8) | ANTI-RAM PENETRATION (1=P1, 2=P2, 3=P3, DOD=SEE ABOVE) | TYPE OF CABLE (SS=STRUCTURAL STRAND, WR=WIRE ROPE)

Effective: 01/01/13

STALWART IS