**PHALANX**® *Perimeter Protection Systems*

Phalanx® Steel Barriers Impact and Asset Protection System for people, vehicles, embassies, airports, banks, museums, borders, check points and main arteries.

Phalanx® Safety protection Systems have the highest impact resistance of any temporary or permanent barrier system. Designed to provide the best perimeter protection available today.

**Advantages**
- Deploy 300 + meters per hour
- 6 to 20 feet detachable Security fencing
- Highest impact protection of any portable barrier
- Built in wheel system for relocating
- 20 and 40 foot Gates

**Approvals:**
- **USA**
  - Military: K4, K8 & K12
  - FHWA: TL2, TL3, & TL4
  - Europe: EN1317-2; N2, EN1317-2; H2

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**PHALANX® Perimeter Protection Systems**

Phalanx® Steel Barriers for airport and government protection

**PHALANX® Wide Area Perimeter Protection Systems**

Phalanx® K12 protection systems are the most advanced wide area temporary and permanent impact and asset protection system available today. Designed for anti-terrorist protection, Phalanx perimeter protection is easily transportable and deployed in 20 & 40 ft. sections. Designed for emergency deployment, Phalanx protection systems installs fast using “Quick-Link” attachment systems.

Protect airports, ports & marinas, embassies, military bases, mines, dams, borders, museums, banks and check points including sports and entertainment events—creating safe-zones during high threat crises

Phalanx® safety protection Systems meet and exceed the US Army Corps of Engineers for K4, K8, and K12 perimeter defence systems. Also tested to UK international standard BS PAS 68.

**PHALANX®**

**STOPS 15,000 pound vehicles at 50MPH**

- Prevention of vehicle intrusion from small and large vehicles
- Withstands multiple impacts while keeping the perimeter secure
- Light weight with no ballast required
- Strong galvanized steel structural design
- Rapidly deployable using a unique “quick-link” system
- Expected life span of 20 to 25 years
- Safe design – crash-friendly when compared to concrete
- Permanent and portable deployment solution
- Can be configured to all shaped applications
- Meets US Military DOS K4 and K12 ratings and UK BS PAS

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K4, K8 & K12 Wide Area Defence Systems

**PHX-K4**
* Tested to US K4 & K8 and UK BS PAS 68:2007
* Stops a 7.5 tonne truck impacting at a 90 degree angle at 30km/h
* Stops a 7.5 tonne truck impacting at 45 degree angle at 50km/h
* Rapidly deployable for permanent or portable use
* Standard or optional fence systems can be added

**PHX-K8**
* Tested to US K4 & K8 and UK BS PAS 68:2007
* Stops a 7.5 tonne truck impacting at a 90 degree angle at 50km/h
* Stops a 7.5 tonne truck impacting at 45 degree angle at 50km/h
* Rapidly deployable for permanent or portable use
* Standard or optional fence systems can be added

**PHX-K12**
* Tested to US K4 & K8 and UK BS PAS 68:2007
* Stops a 7.5 tonne truck impacting at a 90 degree angle at 80km/h
* High performance permanent system
* Standard or optional fence systems can be added

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PHALANX® Wide Area Perimeter Protection Systems

Phalanx® Steel Barriers have the highest crash impact rating of any impact protection system today. Turn key systems are available in 600 foot (185 meter) packages complete with walls, gates, razor fencing and 4 corner elements. Phalanx® Steel Barriers can be ordered individually and with any combination and fence type. *Custom designs available.

Phalanx K4 & K8 portable
For temporary or permanent applications. Available with 3 standard *fence options.

Phalanx K12
Safe, Secure Protection for permanent applications

Model: PHX-K12-L4
Level 4 Open View perimeter defence protection for airports and all high threat area protection

Model: PHX-K12-L5
Level 5 Mask View perimeter defence protection for airports and all high threat area protection

PHALANX® Wide Area Perimeter Protection Systems
High-performance advanced structural design immobilizes vehicles attempting to penetrate high security areas.

Fully tested to meet US Military DOS K4 and K12 ratings including UK’s BS PAS 68:2007 making Phalanx the most advanced wide area perimeter protection system that is scalable as it is portable.

*Fence height and Razor Wire available from 2 feet to 20 feet in height.
PHALANX® Perimeter Protection Systems

Phalanx® Steel Barriers for airport and government protection

BarrierGuard GATES are used to provide safe access points within all forms of concrete jersey safety barriers, guardrails, entrance ways and workzones.

Accessibility in today’s world of transportation has never been as essential as it is today. Having the ability to cross-over throughway traffic in minutes during a crisis is critical, especially on bridges.

BarrierGuard Gates are the solution to non accessible areas by providing a simple cost effective solution to easily create and integrate gate points on all highways, bridges and perimeter protection. Gate systems can be opened in less then 2 minutes on average.

Phalanx® Steel Barrier Gates
For earth, asphalt and concrete surfaces
Available in 20 up to 120 foot lengths

Corner Elements
BarrierGuard safety corners take portable and permanent area protection to the highest level when zone protection is absolute. Choose between Type 1 pivot corners and 90 degree Type 2 fixed corner elements.

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PHALANX® Perimeter Protection Systems

Perimeter Protection

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Example of Dysfunctional Perimeter Protection using concrete barriers

Concrete barriers
Images 1 through 4 show a series of concrete barrier installations.

Un-linked concrete barriers (images 1 through 3) offer little impact protection unless anchored individually. They also move dangerously upon impact.

Linked concrete barriers (image 4) often crumble upon impact, showering debris upon oncoming traffic. A collapsed barrier can fail to stop the crash vehicle from colliding with oncoming traffic.