## **STALWART OPTIMA®** *THE FUTURE IS FIBER*



## FIBER ROPE ANTI-RAM CRASH BARRIER

Stalwart Optima Fiber Rope System redefines and sets the standard in vehicle crash protection for the 21st century. The Inherently flexible and innovative design allows for multiple changes of direction with run lengths from 16 feet to infinity. A shallow footer design and simplified installation round out the innovations making Stalwart Optima the most cost effective, economical, crash tested barrier system on the market today.



PRIMARYAPPLICATIONS

- Government Facilities
- State Facilities
- Military Sites
- > Petroleum & Chemical Facilities
- **Stadiums & Event Centers**
- Schools & Universities





# **STALWART OPTIMA®**

#### FIBER ROPE ANTI-RAM CRASH BARRIER

#### 11" x 2.75" RAILS | 8" DIAMETER POSTS - 15" SET DEPTH

Minimum runs of 16' & greater



### INNOVATIVE BY DESIGN

- Fiber Rope Technology
- 16 feet to continuous runs
- Simplistic innovative design
- Directional change friendly

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- Faster Installation / Reduction in Labor
- ASTM F2656 tested to M30/P1 & M50/P2
- Unmatched cost effectiveness
- Less costly repairs in the event of an impact



#### PERMACOAT<sup>™</sup> PROTECTIVE FINISH

The Stalwart Optima system provides superior quality coating using Ameristar's PermaCoat technology to apply a multi-layer protective coating around the system. Finish is available in semi-gloss black. Other color options available upon request.

## CRASH RATINGS

Stalwart Optima offers multiple anti-ram ratings tested to ASTM F2656 standards. Capable of stopping a 15,000 lb vehicle at both 30 and 50 MPH the Stalwart Optima perimeter barrier gained designations of M30/P1 (< 3 feet) and M50/P2 (< 10 feet).



ITEM #6002 | REVISED 09/2018