



4" IronFlex Horseshoe Bollard Kit

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N **SS4Y-28-HS-36**



Product Specifications

| | |
|--------------------|--|
| Color | RAL 1023 Yellow Pipe on RAL 9005 Black Pedestal |
| Diameter | 4" (3.5" ANSI Schedule 40) |
| Dimensions | 28" H x 36" W |
| Product Weight | 154 lb. |
| Impact Rating | I9-7 Rail (20,000 joules), I9-5 Post (10,200 joules) |
| Temperature Rating | -40°F - 150°F |
| Pipe Coating | 60 µm Galvanized + 150 µm Polyester Outdoor Powder Coating |
| Cast-Iron Coating | Environmentally Friendly Water-based E-Coat + Polyester Outdoor Powder Coating |
| Set Screws | M16 |
| Anchor Screws | Eight (8) 5/8" x 5-1/2" Concrete |

Recommended Uses

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| Equipment guarding |
| Fuel pump protection |
| Equipment and storage rack guarding |
| Drive-thru lanes |
| Utility protection |
| Column protection |
| Access denial |
| Pre- and post-tensioned concrete capable |
| Not for K-Rated security use |

Rail Impact Chart

| Impact Angle | 90° | 45° | 30° |
|-----------------|-------------|-------------|-------------|
| Rating (joules) | 20,000 | 40,012 | 80,000 |
| ANSI MH 31.2 | I9-7 | calculated | calculated |
| Mass (lbs) | Speed (mph) | Speed (mph) | Speed (mph) |
| 5,000 | 9.4 | 13.3 | 18.8 |
| 7,500 | 7.7 | 10.8 | 15.3 |
| 10,000 | 6.6 | 9.4 | 13.3 |
| 12,500 | 5.9 | 8.4 | 11.9 |
| 15,000 | 5.4 | 7.7 | 10.8 |
| 17,500 | 5.0 | 7.1 | 10.0 |
| 20,000 | 4.7 | 6.6 | 9.4 |
| 25,000 | 4.2 | 5.9 | 8.4 |
| 30,000 | 3.8 | 5.4 | 7.7 |

Post Impact Chart

| Impact Angle | 90° | 45° | 30° |
|-----------------|-------------|-------------|-------------|
| Rating (joules) | 10,200 | 20,406 | 40,800 |
| ANSI MH 31.2 | I9-5 | calculated | calculated |
| Mass (lbs) | Speed (mph) | Speed (mph) | Speed (mph) |
| 5,000 | 6.7 | 9.5 | 13.4 |
| 7,500 | 5.5 | 7.7 | 10.9 |
| 10,000 | 4.7 | 6.7 | 9.5 |
| 12,500 | 4.2 | 6.0 | 8.5 |
| 15,000 | 3.9 | 5.5 | 7.7 |
| 17,500 | 3.6 | 5.1 | 7.2 |
| 20,000 | 3.4 | 4.7 | 6.7 |
| 25,000 | 3.0 | 4.2 | 6.0 |
| 30,000 | 2.7 | 3.9 | 5.5 |

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