



3" IronFlex Double Rail

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N **SS3Y-42-DF-X**



Product Specifications

| | |
|--------------------|---|
| Color | Standard Yellow Bollard on RAL 9005 Black Pedestal |
| Diameter | 3" (2.5" ANSI Schedule 40) |
| Dimensions | 42" H |
| Impact Rating | I9-5 Rail (10,200 joules), I15-3 Post (6,100 joules) |
| Temperature Rating | -40°F - 150°F |
| Pipe Coating | 60µm Galvanized + 150 µm Polyester Outdoor Powder Coating |
| Cast-Iron Coating | Environmentally Friendly Water-Based E-Coat |
| Set Screws | M12 |
| Anchor Screws | 5/8" x 4" Concrete |

Recommended Uses

| |
|--|
| Light duty |
| Equipment protection |
| Operator protection |
| Eliminates concrete damage from post impacts |
| Pedestrian aisles |

Rail 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) |
|------------|-------------|-------------|-------------|
| 1,000 | 15.0 | 21.2 | 30.0 |
| 2,000 | 10.6 | 15.0 | 21.2 |
| 4,000 | 7.5 | 10.6 | 15.0 |
| 5,000 | 6.7 | 9.5 | 13.4 |
| 6,000 | 6.1 | 8.7 | 12.2 |
| 8,000 | 5.3 | 7.5 | 10.6 |
| 10,000 | 4.7 | 6.7 | 9.5 |
| 12,500 | 4.2 | 6.0 | 8.5 |
| 15,000 | 3.9 | 5.5 | 7.7 |

Post Impact Chart

| Impact Angle | 90° | 45° | 30° |
|-----------------|-------|------------|------------|
| Rating (joules) | 6,100 | 12,204 | 24,400 |
| ANSI MH 31.2 | I15-3 | calculated | calculated |

| Mass (lbs) | Speed (mph) | Speed (mph) | Speed (mph) |
|------------|-------------|-------------|-------------|
| 1,000 | 11.6 | 16.4 | 23.2 |
| 2,000 | 8.2 | 11.6 | 16.4 |
| 4,000 | 5.8 | 8.2 | 11.6 |
| 5,000 | 5.2 | 7.3 | 10.4 |
| 6,000 | 4.7 | 6.7 | 9.5 |
| 8,000 | 4.1 | 5.8 | 8.2 |
| 10,000 | 3.7 | 5.2 | 7.3 |
| 12,500 | 3.3 | 4.6 | 6.6 |
| 15,000 | 3.0 | 4.2 | 6.0 |

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The products mentioned in this document are covered by the following U.S. and international patent numbers: 7,195,422 | 7,621,691 | D937,700 | D620,823 | D620,824 | D620,825 | EP 2 267 225 | EP 2 888 412 | 9,938,677 | 11,136,735 | D932,875. Other U.S. and International patents pending.