



3" IronFlex Single Rail

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N **SS3Y-25-SF-X**



Product Specifications

Color	Standard Yellow Bollard on RAL 9005 Black Pedestal
Diameter	3" (2.5" ANSI Schedule 40)
Dimensions	25" 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
Protects from impacts to building structures
Equipment protection
Operator protection
Eliminates concrete damage from post impacts

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.