



IronFlex Single Rail Type 1

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N **SS-T1Y-XX-SF-XX**



Product Specifications

Color	Standard Yellow Bollard on RAL 9005 Black Pedestal
Diameter	76.1 mm
Temperature Rating	-40°C - 70°C
Pipe Coating	EN-ISO 1461 Galvanized + Polyester Powder Coat
Base Coating	KTL Coating + Polyester Coat
Impact Rating	Rail 10.900 joules Post 7.000 joules

Recommended Uses

- Protects from impacts to building structures
- Equipment protection
- Operator protection
- Eliminate concrete damage from post impacts
- Utility guarding

Rail Impact Chart

Impact Angle	90°	45°	30°
Rating (Joules)	10.200	20.406 calculated	40.800 calculated
Mass (kg)	Speed (kph)	Speed (kph)	Speed (kph)
500	23.0	32.5	46.0
1,000	16.3	23.0	32.5
1,500	13.3	18.8	26.6
2,000	11.5	16.3	23.0
3,000	9.4	13.3	18.8
4,000	8.1	11.5	16.3
5,000	7.3	10.3	14.5
6,000	6.6	9.4	13.3
7,500	5.9	8.4	11.9

Post Impact Chart

Impact Angle	90°	45°	30°
Rating (Joules)	7.000	14.004 calculated	28.000 calculated
Mass (kg)	Speed (kph)	Speed (kph)	Speed (kph)
500	19.0	26.9	38.1
1,000	13.5	19.1	26.9
1,500	11.0	15.6	22.0
2,000	9.5	13.5	19.0
3,000	7.8	11.0	15.6
4,000	6.7	9.5	13.5
5,000	6.0	8.5	12.0
6,000	5.5	7.8	11.0
7,500	4.9	7.0	9.8

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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.