



IronFlex Single Rail Type 2

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N SS-T2Y-XX-SF



Product Specifications

Color	Standard Yellow Bollard on RAL 9005 Black Pedestal
Diameter	101.6 mm
Impact Rating	Rail 20.000 joules Post 10.200 joules
Temperature Rating	-40°C - 70°C
Pipe Coating	EN-ISO 1461 Galvanized + Polyester Powder Coat
Base Coating	KTL Coating + Polyester Coat

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)	20,000	40,012 calculated	80,000 calculated
Mass (kg)	Speed (kph)	Speed (kph)	Speed (kph)
3,000	13.1	18.6	26.3
4,000	11.4	16.1	22.8
5,000	10.2	14.4	20.4
6,000	9.3	13.1	18.6
7,000	8.6	12.2	17.2
8,000	8.0	11.4	16.1
9,000	7.6	10.7	15.2
10,000	7.2	10.2	14.4
15,000	5.9	8.3	11.8

Post 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)
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
7,000	6.1	8.7	12.3
8,000	5.7	8.1	11.5
9,000	5.4	7.7	10.8
10,000	5.1	7.3	10.3
15,000	4.2	5.9	8.4

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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.