IronFlex Corner Protectors Type 1

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N **SS-T1Y-XX-CP2-XX**

Product Specifications

Color	RAL 1023 Yellow Pipe on RAL 9005 Black Pedestal
Impact Rating	Rail 10,200 joules Post 7,000 joules
Temperature Rating	-40°C - 70°C
Pipe Coating	EN-ISO 1461 Galvanized + Polyester Powder Coating
Cast-Iron Coating	Environmentally Friendly Water-based KTL Coating + Polyester Powder Coating. C5I corrosion resistance.
Set Screws	M12 x 6 mm Hex
Anchor Screws	Eight (8) M16 x 140 Concrete

Recommended Uses

Column protection
Building corner guarding
Stairway protection
Structural post 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.