



IronFlex Hand Rail Type 2

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N **SS-T2Y-100-HR**



Product Specifications

Color	RAL 1023 Yellow Pipe on RAL 9005 Black Pedestal
Mid Rail Diameter	101, 6 mm
Mid Rail Height	50 cm
Top Rail Diameter	48 mm
Top Rail Height	100 cm
Impact Rating	Rail 20.000 joules Post 10.200 joules
Temperature Rating	Temperature Rating: -40°C - 70°C
Pipe Coating	Pipe Coating: 60µm Hot Dipped Galvanized (Lower Only) + 60µm Polyester Outdoor Powder Coating
Cast-Iron Coating	Environmentally Friendly Water-Based E-Coat + Powder Coat C5I Rated
Set Screws	Four (4) M16 x 140mm concrete screws per leg

Recommended Uses

- Protects from impacts to building structures
- Equipment protection
- Operator protection
- Eliminate concrete damage from post impacts
- Pedestrian aisles

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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