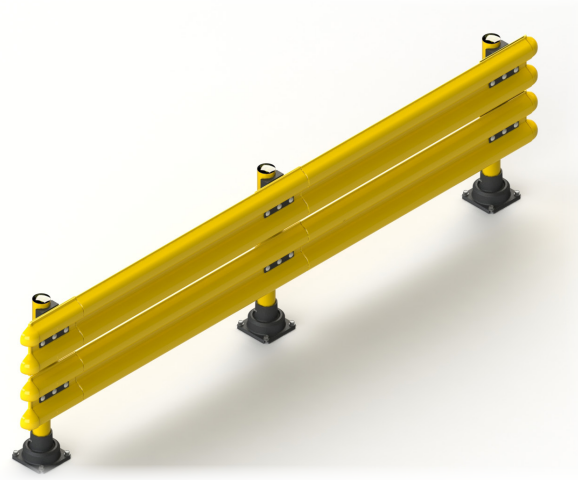
FlexRail Composite Double Guardrail Type 2

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N **SS-T2Y-100-GR2**



Product Specifications

Color	RAL 1023 Yellow
Material	Proprietary Composite
Dimensions	100 cm tall (customizable) x 2 m per section
Rail Break Strength	110 kN
Impact Rating	Rail 17,000 Post 10,200
Temperature Rating	5°C to 65°C
Flexible	No Bending Equipment Required for Curves
End Caps	Optional Unviersal End Cap (75 mm overhang)

Recommended Uses

- Medium duty
- Industrial equipment protection
- Pedestrian aisle ways
- Utility guarding
- Access denial
- Office protection
- Computer desks and terminals
- Parking perimeters

Rail Impact Chart

Impact Angle	90°	45°	30°
Rating (joules)	17,000	34,010 calculated	68,000 calculated
Mass (kg)	Speed (kph)	Speed (kph)	Speed (kph)
500	29,7	42,0	59,4
1.000	21,0	29,7	42,0
1.500	17,1	24,2	34,3
2.000	14,8	21,0	29,7
3.000	12,1	17,1	24,2
4.000	10,5	14,8	21,0
5.000	9,4	13,3	18,8
6.000	8,6	12,1	17,1
7.500	7,7	10,8	15,3

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)
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

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ISO 9001:2015 CERTIFIED SMITHERS

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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.