

Barriera di impatto

Utilizzare la Barriera di impatto per la protezione dagli impatti a livello del suolo. È la soluzione ideale per separare veicoli leggeri o definire zone del magazzino.

Le nostre guide modulari e i dissuasori consentono di sostituire le parti danneggiate o usurate a livello di componente. Se è necessario sostituire qualsiasi componente, basta un semplice passaggio.



X-Protect è un approccio unico alle barriere di sicurezza. Modularità senza pari utilizzando solo pochi componenti di sistema e lo smorzamento integrato per creare un sistema a barriera che si adatta al posto di lavoro. X-Protect consente attività rapide di trasformazione, riparazione o sostituzione delle barriere esistenti e le configurazioni su misura sono illimitate.

Impact test results					
<i>Area of impact</i>	<i>Load</i>	<i>Equivalent to</i>		<i>90° Deflection</i>	<i>Force to fixings</i>
Centre of barrier C - C as below					
2000mm	4500 J	2500 kg 6.8 km/h	5000 kg 4.8 km/h	350mm	4kN
2500mm	4200 J	2500 kg 6.5 km/h	5000 kg 4.6 km/h	390mm	6.6 kN
3000mm	3900 J	2500 kg 6.3 km/h	5000 kg 4.4 km/h	420mm	9.8 kN
Posts					
End post	4500 J	2500 kg 6.8 km/h	5000 kg 4.4 km/h	NA *	11.8 kN
Mid post	4500 J	2500 kg 6.8 km/h	5000 kg 4.8 km/h	NA *	13.6 kN

* Deflection of posts is equivalent or less than that of the rail/s and is not considered to be critical for product

selection. Performance is tested at height of the lowest rail. The post will perform better for lower strikes and deflection.

Modelli

Bollard 6 articoli

ARTICOLI / DESCRIZIONE	ALTEZZA (MM)	LUNGHEZZA (MM)	CC (MM)	COLORE
 BCM1-035-I100 Impact mid	350			Zinc Yellow (RAL 1018)
 BCM0-035-I100 Impact mid	350			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 BCE1-035-I100 Impact end	350			Zinc Yellow (RAL 1018)
 BCE0-035-I100 Impact end	350			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 BCC1-035-I100 Impact corner	350			Zinc Yellow (RAL 1018)
 BCC0-035-I100 Impact corner	350			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)

Impact rails 9 articoli

ARTICOLI / DESCRIZIONE	ALTEZZA (MM)	LUNGHEZZA (MM)	CC (MM)	COLORE
 RCI1-277-0300 Impact rail		2770	3000	Zinc Yellow (RAL 1018)
 RCI1-227-0250 Impact rail		2270	2500	Zinc Yellow (RAL 1018)
 RCI1-177-0200 Impact rail		1770	2000	Zinc Yellow (RAL 1018)
 RCI1-127-0150 Impact rail		1270	1500	Zinc Yellow (RAL 1018)

	RCI1-077-0100 Impact rail	770	1000	Zinc Yellow (RAL 1018)
	RCI1-047-0070 Impact rail	470	700	Zinc Yellow (RAL 1018)
	RCI1-027-0050 Impact rail	270	500	Zinc Yellow (RAL 1018)
	RCI1-067-0090 Impact rail	670	900	Zinc Yellow (RAL 1018)
	RCI1-197-0220 Impact rail	1970	2200	Zinc Yellow (RAL 1018)

Prodotti correlati



X-PROTECT IMPACT PROTECTION

Barriera di impatto alta

Utilizzare la Barriera di impatto alta per una protezione dagli impatti di alto livello. È la soluzione ideale per separare veicoli leggeri o definire zone del magazzino. Le nostre guide modulari e...

15 articoli

X-Protect components

These are the building blocks of our modular Impact Protection range.

BARRIERS & RAILS

Hand Rails



Width x Height:

68 x 72 mm | 2 11/16" x 2 27/32"

Length:

270 - 1770 mm | 10 5/8" - 69 11/16"

Impact Barriers



Width x Height:

116 x 220 mm | 4 9/16" x 8 21/32"

Length:

270 - 2770 mm | 10 5/8" - 109 1/16"

POSTS & BOLLARDS



Classic
 4 connection sides
 Width:
 200 mm
 7 7/8"

Height:
 350 -
 1160 mm
 13 13/16" -
 45 11/16"



Essential
 2 connection sides
 Width:
 132 mm
 5 3/16"

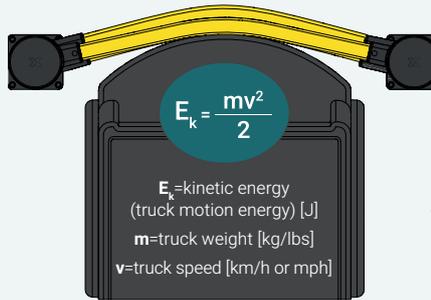
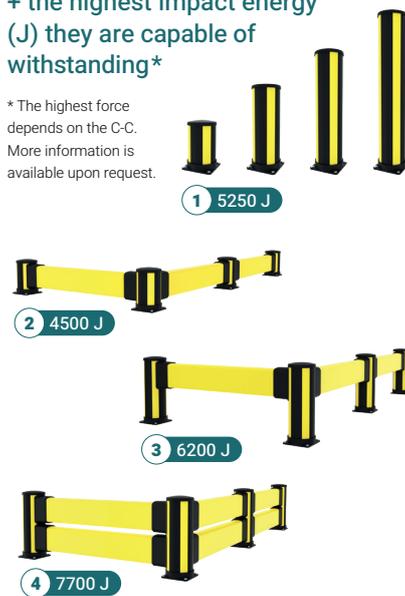


Height:
 620 -
 1170 mm
 24 7/16" -
 46 1/16"

X-Protect Standard Configurations

+ the highest impact energy (J) they are capable of withstanding*

* The highest force depends on the C-C. More information is available upon request.



Impact testing

This is how we calculate the energy from a vehicle impact.



Loaded weight
3600 kg / 7930 lbs



Loaded weight
2700 kg / 5940 lbs



Loaded weight
2100 kg / 4620 lbs

Speed	Load
6 km/h 3.7 mph	5020 J
8 km/h 5 mph	8880 J
12 km/h 7.5 mph	19960 J

Speed	Load
6 km/h 3.7 mph	3770 J
8 km/h 5 mph	6660 J
12 km/h 7.5 mph	14970 J

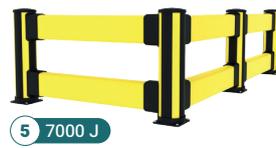
Speed	Load
6 km/h 3.7 mph	2930 J
8 km/h 5 mph	5180 J
12 km/h 7.5 mph	11670 J

Component Colours

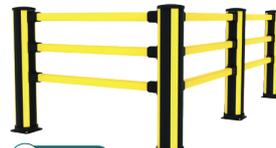
● RAL 1018 ● RAL 9011

Operating temperature

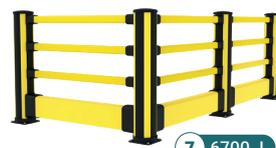
-10°C → 40°C



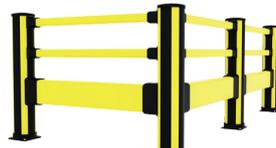
5 7000 J



6 5000 J



7 6700 J



8 8000 J



9 8300 J



10 0 J



11 1800 J



12 3000 J



13 1500 J



14 1700 J



15 2250 J



16 3100 J

1. Bollards
2. Impact
3. Impact High
4. Double Impact Low
5. Double Impact High
6. Pedestrian
7. Pedestrian + Impact
8. Pedestrian + Impact High
9. Pedestrian + Double Impact
10. Pedestrian Gate
11. Column Guard
12. Floor Barrier*
13. Essential Bollards
14. Essential Pedestrian 2 rail
15. Essential Pedestrian
16. Essential Pedestrian + Impact High

* The Floor Barrier can be used in combination with configurations: 3, 6, 8 & 9