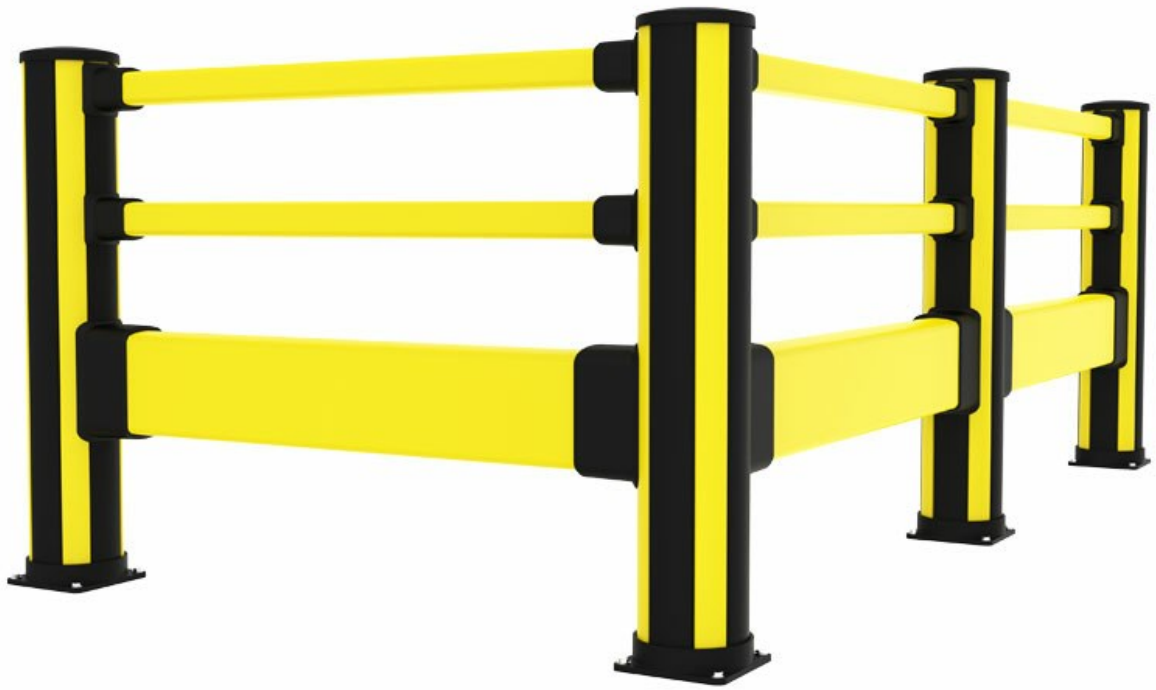
Barriera pedonale con impatto alto

Utilizzare la configurazione della Barriera pedonale + Barriera di impatto alta per proteggere le passerelle dai veicoli di medie dimensioni in cui vi sia un rischio ridotto di impatti a livello del suolo.



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					
Area of impact	*Load*	*Equivalent to*		*90° Deflection*	*Force to fixings*
Centre of barrier C - C as below					
2000mm	8000 J	2500 kg 9.1 km/h	5000 kg 6.4 km/h	450mm	17 kN
Posts					
End post	1850 J	2500 kg 4.3 km/h	5000 kg 3 km/h	NA *	11.6 kN
Mid post	2450 J	2500 kg 5 km/h	5000 kg 3.5 km/h	NA *	12.7 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

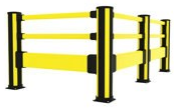
Posts 6 articoli

ARTICOLI / DESCRIZIONE		ALTEZZA (MM)	LUNGHEZZA (MM)	CC (MM)	COLORE
	BCC1-116-I1P2 Pedestrian + Impact High corner	1160			Giallo zinco (RAL 1018)
	BCC0-116-I1P2 Pedestrian + Impact High corner	1160			Giallo zinco (RAL 1018) Nero grafite (RAL 9011)
	BCM1-116-I1P2 Pedestrian + Impact High mid	1160			Giallo zinco (RAL 1018)
	BCM0-116-I1P2 Pedestrian + Impact High mid	1160			Giallo zinco (RAL 1018) Nero grafite (RAL 9011)
	BCE1-116-I1P2 Pedestrian + Impact High end	1160			Giallo zinco (RAL 1018)
	BCE0-116-I1P2 Pedestrian + Impact High end	1160			Giallo zinco (RAL 1018) Nero grafite (RAL 9011)

Impact rails 7 articoli

ARTICOLI / DESCRIZIONE	ALTEZZA (MM)	LUNGHEZZA (MM)	CC (MM)	COLORE
RCI1-027-0050 Impact rail		270	500	Giallo zinco (RAL 1018)
RCI1-277-0300 Impact rail		2770	3000	Giallo zinco (RAL 1018)
RCI1-227-0250 Impact rail		2270	2500	Giallo zinco (RAL 1018)
RCI1-177-0200 Impact rail		1770	2000	Giallo zinco (RAL 1018)
RCI1-127-0150 Impact rail		1270	1500	Giallo zinco (RAL 1018)
RCI1-077-0100 Impact rail		770	1000	Giallo zinco (RAL 1018)
RCI1-047-0070 Impact rail		470	700	Giallo zinco (RAL 1018)

Hand rails 5 articoli

ARTICOLI / DESCRIZIONE	ALTEZZA (MM)	LUNGHEZZA (MM)	CC (MM)	COLORE
RCP1-027-0050 Hand rail		270	500	Giallo zinco (RAL 1018)
RCP1-047-0070 Hand rail		470	700	Giallo zinco (RAL 1018)
RCP1-077-0100 Hand rail		770	1000	Giallo zinco (RAL 1018)
 **RCP1-127-0150** Hand rail		1270	1500	Giallo zinco (RAL 1018)
RCP1-177-0200 Hand rail		1770	2000	Giallo zinco (RAL 1018)

Gate 1 articoli

ARTICOLI / DESCRIZIONE	ALTEZZA (MM)	LUNGHEZZA (MM)	CC (MM)	COLORE
GCP8-069-0121 Pedestrian gate, 690-1210 mm				

Prodotti correlati

BARRIERE PEDONALI

Cancello pedonale

Universale, con chiusura automatica e larghezza regolabile tra 690 mm e 1210 mm.

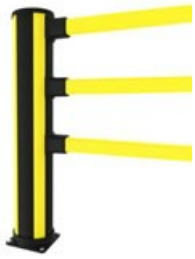
1 articoli

BARRIERE PEDONALI CLASSIC

Barriera pedonale con impatto

Utilizzare la configurazione della Barriera pedonale + Barriera di impatto per proteggere le passerelle dai veicoli di medie dimensioni in cui vi sia un rischio maggiore di impatti a livello del su...

19 articoli



BARRIERE PEDONALI CLASSIC

Barriere pedonali

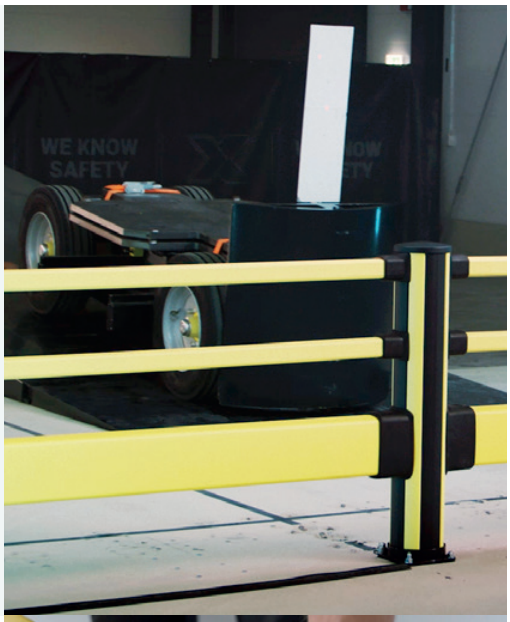
Utilizzare la configurazione della Barriera pedonale per definire i percorsi pedonali e proteggere da impatti leggeri.

12 articoli

Impact Protection

X-Protect is Safe

- Our impact protection products undergo rigorous testing at our state-of-the-art testing facility.
- With decades of experience in industrial safety, we've designed our impact protection to perform effectively in real-world conditions.
- We know safety and can guide you to the best solutions tailored to your specific needs.



X-Protect is Modular

- Quickly modify barrier specifications with minimal waste.
- Perform easy and cost-effective repairs at a component level.
- Quickly build strong integrated installations with few parts.

X-Protect is Sustainable

- Simple end of life dis-assembly, even after an accident.
- Single material components that are easy to recycle.
- Repairable by design, damaged or worn components are easily replaced extending the barrier's life.

Technical Information

X-Protect components

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

BARRIERS & RAILS

Hand Rails

Width x Height:
68 × 72 mm | 2 11/16" × 2 27/32"
Length:
270 - 1770 mm | 10 5/8" - 69 11/16"

Impact Barriers

Width x Height:
116 × 220 mm | 4 9/16" x 8 21/32"
Length:
270 - 2770 mm | 10 5/8" - 109 1/16"

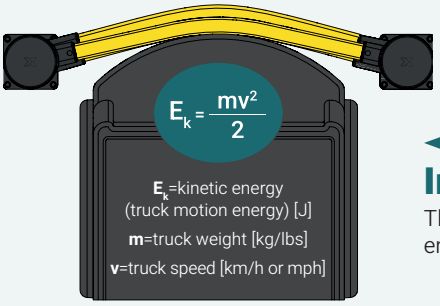
POSTS & BOLLARDS

Height:
350 - 1160 mm
13 13/16" – 45 11/16"
Width:
200 mm
7 7/8" in

Component Colours

RAL 1018

RAL 9011



Impact testing

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

Loaded weight
3600 kg / 7930 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

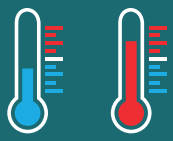
Loaded weight
2700 kg / 5940 lbs

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

Loaded weight
2100 kg / 4620 lbs

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

Operating temperature



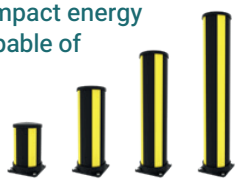
-10°C → 40°C

Assembly

SCAN THE CODE TO DOWNLOAD OUR ASSEMBLY MANUALS

X-Protect Standard Configurations

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

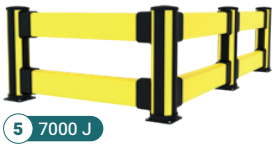


1 5250 J

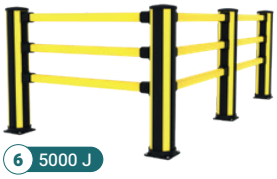
2 4500 J

3 6200 J

4 7700 J

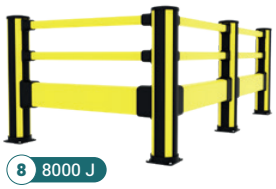


5 7000 J

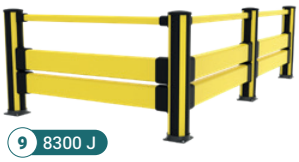


6 5000 J

7 6700 J



8 8000 J



9 8300 J

10 0 J

11 1800 J

12 3000 J

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

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

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