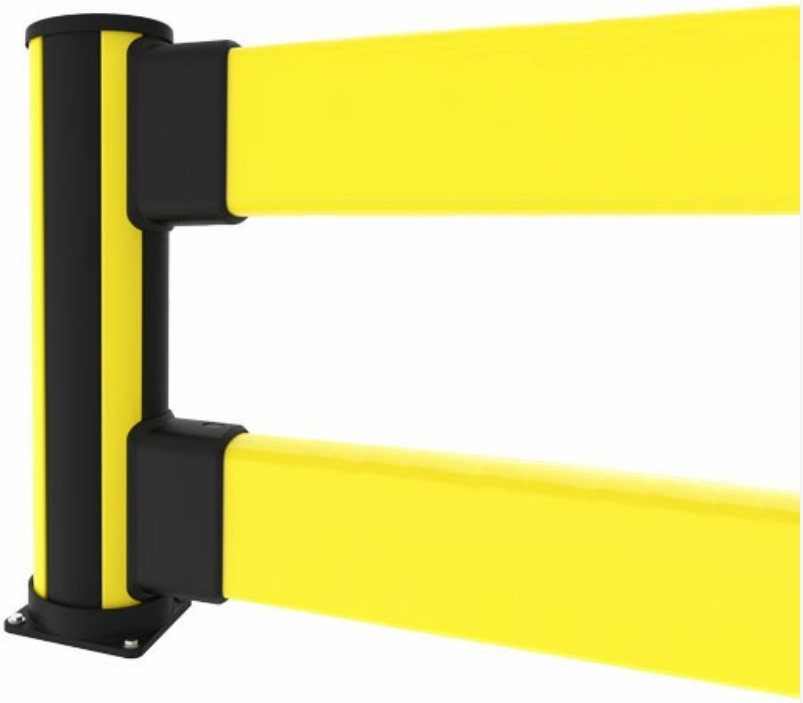
X-Protect Barrière de protection lourde

La configuration de double bastaing de protection protège les structures contre les chocs lourds en hauteur. Il s'agit de l'une de nos protections contre les chocs les plus robustes.

Nos rails et poteaux antichocs permettent de remplacer les pièces endommagées ou usées au niveau des composants. Cette opération est facilitée grâce à un système d'emboîtement glissant.



X-Protect est fondé sur une approche unique des barrières de sécurité. Modulaire comme nul autre et doté d'un amortisseur intégré, le système n'est basé que sur quelques composantsqui permettent de constituer un système de protection évolutif. X-Protect permet de transformer, réparer et remplacer rapidement les barrières existantes dans un nombre de configurations sur-mesure illimité.

Impact test results					
Area of impact	*Load*	*Equivalent of*		*90° Deflection*	*Force to fixings*
Centre of barrier C - C as below					
2000mm	7000 J	2500 kg 8.5 km/h	5000 kg 5.6 km/h	430mm	14.5 kN
2500mm	6500 J	2500 kg 8.2 km/h	5000 kg 5.3 km/h	470mm	12.2 kN
3000mm	6200 J	2500 kg 8 km/h	5000 kg 5.1 km/h	520mm	10.4 kN
Posts					
End post	6100 J	2500 kg 4.9 km/h	5000 kg 3.5 km/h	NA*	19.2 kN
Mid post	6100 J	2500 kg 4.9 km/h	5000 g 3.5 km/h	NA*	18.1 kN

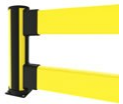
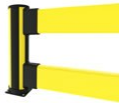
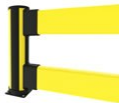
* Deflection of posts is equivalent or less than that of the rail/s and is not considered to be critical for product selection. Performance is tested at height of the lowest rail. The post will perform better for lower strikes and deflection will be reduced.

Modèles

Posts 6 articles

ARTICLES / DESCRIPTION		HAUTEUR (MM)	LONGUEUR (MM)	CC (MM)	COULEUR
	BCE0-087-I200 Fixation extrémité double bastaing	870			Jaune zinc (RAL 1018) Noir graphite (RAL 9011)
	BCE1-087-I200 Fixation extrémité double bastaing	870			Jaune zinc (RAL 1018)
	BCM0-087-I200 Fixation intermédiaire double bastaing	870			Jaune zinc (RAL 1018) Noir graphite (RAL 9011)
	BCM1-087-I200 Fixation intermédiaire double bastaing	870			Jaune zinc (RAL 1018)
	BCC0-087-I200 Fixation angle double bastaing	870			Jaune zinc (RAL 1018) Noir graphite (RAL 9011)
	BCC1-087-I200 Fixation angle double bastaing	870			Jaune zinc (RAL 1018)

Impact rails 15 articles

ARTICLES / DESCRIPTION	HAUTEUR (MM)	LONGUEUR (MM)	CC (MM)	COULEUR
RCI1-027-0050 Traverse bastaing		270	500	Jaune zinc (RAL 1018)
RCI1-047-0070 Traverse bastaing		470	700	Jaune zinc (RAL 1018)
RCI1-077-0100 Traverse bastaing		770	1000	
RCI1-127-0150 Traverse bastaing		1270	1500	Jaune zinc (RAL 1018)
RCI1-227-0250 Traverse bastaing		2270	2500	Jaune zinc (RAL 1018)
RCI1-277-0300 Traverse bastaing		2770	3000	Jaune zinc (RAL 1018)
RCI1-177-0200 Traverse bastaing		1770	2000	Jaune zinc (RAL 1018)
RCI1-064-0087 Impact rail		640	870	Jaune zinc (RAL 1018)
RCI1-067-0090 Impact rail		670	900	Jaune zinc (RAL 1018)
 **RCI1-197-0220** Impact rail		1970	2200	Jaune zinc (RAL 1018)
RCI1-201-0224 Impact rail		2010	2240	Jaune zinc (RAL 1018)
RCI1-074-0097 Impact rail		740	970	Jaune zinc (RAL 1018)
 **RCI1-207-0230** Impact rail		2070	2300	Jaune zinc (RAL 1018)
RCI1-211-0234 Impact rail		2110	2340	Jaune zinc (RAL 1018)
 **RCI1-217-0240** Impact rail		2170	2400	Jaune zinc (RAL 1018)

Produits associés

BARRIÈRES D'IMPACT

Bastaing de protection

Le bastaing de protection protège contre les chocs au niveau du sol. Elle convient parfaitement pour séparer les voies de circulation de véhicules légers ou définir des zones dans un entrepôt. Nos...

21 articles

BARRIÈRES D'IMPACT

Bastaing de protection haut

Le bastaing de protection hautprotège contre les chocs en hauteur. Elle convient parfaitement pour séparer les voies de circulation de véhicules légers ou définir des zones dans un entrepôt. Nos ra...

21 articles

BARRIÈRES D'IMPACT

Double bastaing de protection bas

La configuration du double bastaing de protection bas protège les structures contre les chocs lourds au niveau du sol. Il s'agit de l'une de nos protections contre les chocs les plus robustes,parfa...

21 articles

BARRIÈRE PIÉTONNE

Barrière piétonne + bastaing

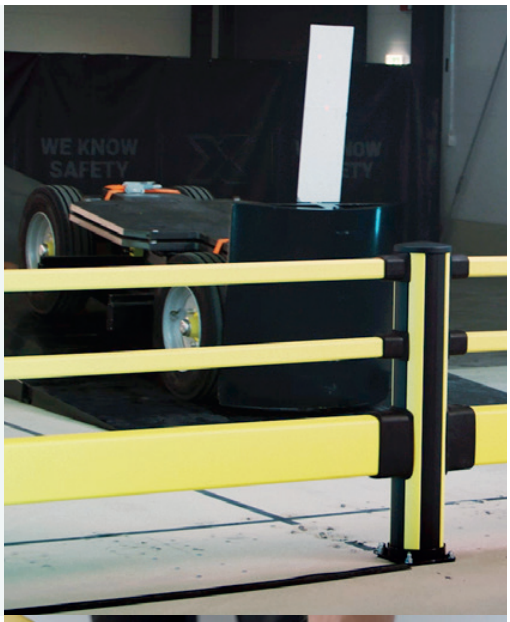
La barrière piétonne + le bastaing de protection protègent les allées des véhicules de gamme moyenne lorsquele risque de chocs au niveau du sol est accru. Il est également possible de le combiner a...

19 articles

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"

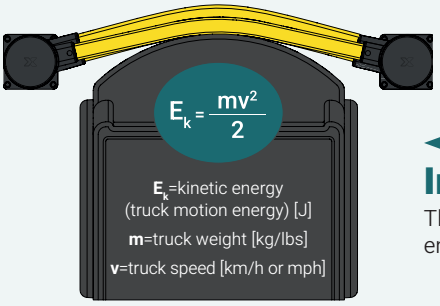
POSTS & BOLLARDS

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

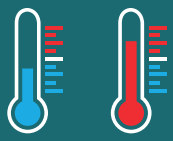
Loaded weight
2700 kg / 5940 lbs

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



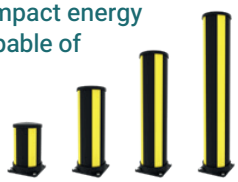
-10°C → 40°C

Assembly

SCAN THE CODE TO DOWNLOAD OUR ASSEMBLY MANUALS

X-Protect Standard Configurations

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

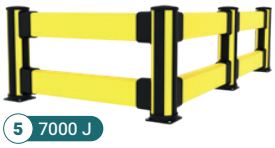


1 5250 J

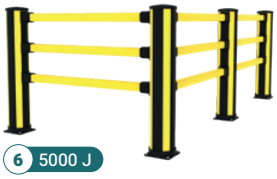
2 4500 J

3 6200 J

4 7700 J

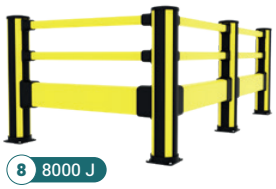


5 7000 J

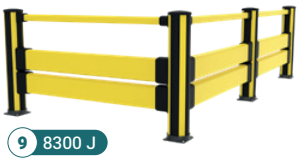


6 5000 J

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.