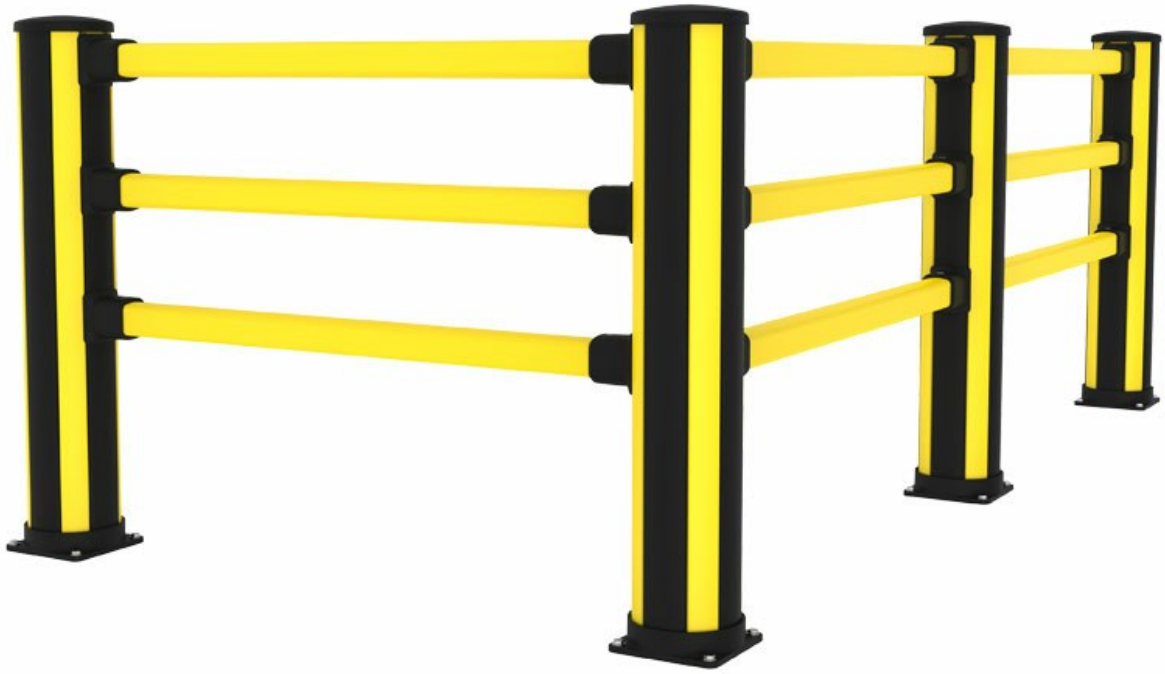
X-Protect Barrière piétonne

La barrière piétonne sert à définir des parcours piétons et à protéger des chocs légers.



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 to*		*90° Deflection*	*Force to fixings*
Centre of barrier C - C as below					
1500mm	4000 J	2500 kg 6.4 km/h	5000 kg 4.5 km/h	360mm	14.3 kN
2000mm	5000 J	2500 kg 7.2 km/h	5000 kg 5 km/h	490mm	18.7 kN
Posts					
End post	1900 J	2500 kg 4.4 km/h	5000 kg 3.1 km/h	NA *	10 kN
Mid post	1900 J	2500 kg 4.4 km/h	5000 kg 3.1 km/h	NA *	8.4 kN

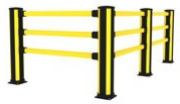
* Deflection of posts is equivalent or less than that of the rail/s and is not considered to be critical for product selection. Performance is tested at height of the lowest rail. The post will perform better for lower strikes and deflection.

Modèles

Posts 6 articles

ARTICLES / DESCRIPTION		HAUTEUR (MM)	CC (MM)	COULEUR
	BCC1-116-00P3 Fixation angle barrière	1160		Jaune zinc (RAL 1018)
	BCC0-116-00P3 Fixation angle barrière	1160		Jaune zinc (RAL 1018) Noir graphite (RAL 9011)
	BCM1-116-00P3 Fixation intermédiaire barrière	1160		Jaune zinc (RAL 1018)
	BCM0-116-00P3 Fixation intermédiaire barrière	1160		Jaune zinc (RAL 1018) Noir graphite (RAL 9011)
	BCE1-116-00P3 Fixation extrémité barrière	1160		Jaune zinc (RAL 1018)
	BCE0-116-00P3 Fixation extrémité barrière	1160		Jaune zinc (RAL 1018) Noir graphite (RAL 9011)

Hand rails 5 articles

ARTICLES / DESCRIPTION	HAUTEUR (MM)	CC (MM)	COULEUR
RCP1-177-0200 Main courante		2000	Jaune zinc (RAL 1018)
 **RCP1-127-0150** Main courante		1500	Jaune zinc (RAL 1018)
RCP1-077-0100 Main courante		1000	Jaune zinc (RAL 1018)
RCP1-047-0070 Main courante		700	Jaune zinc (RAL 1018)
RCP1-027-0050 Main courante		500	Jaune zinc (RAL 1018)

Gate 1 articles

ARTICLES / DESCRIPTION	HAUTEUR (MM)	CC (MM)	COULEUR
GCP8-069-0121 Portillon, 690-1210 mm			

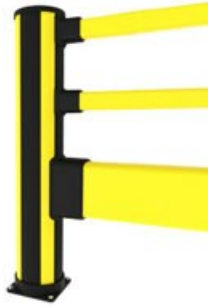
Produits associés

BARRIÈRE PIÉTONNE

Portillon

Poignée universelle, fermeture automatique et largeur réglable de 690 mm à 1210 mm.

1 articles



CLASSIC BARRIÈRE PIÉTONNE

Barrière piétonne + bastaing haut

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

19 articles

CLASSIC BARRIÈRE PIÉTONNE

Barrière piétonne + bastaing

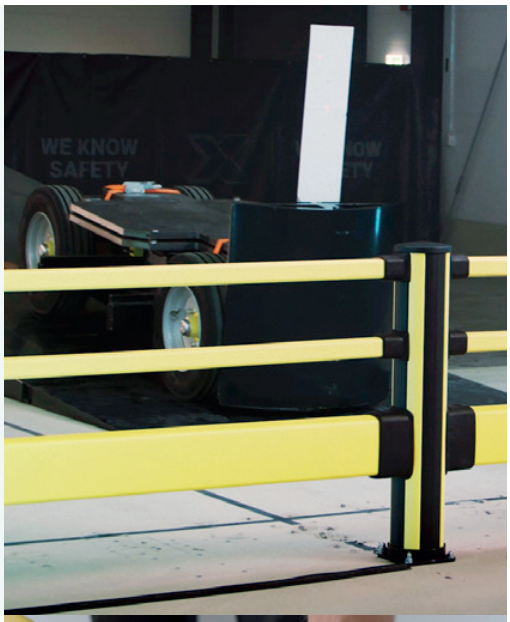
La barrière piétonne + le bastaing de protection protègent les allées des véhicules de gamme moyenne lorsquele risque de chocs au niveau du sol est accru. Il est également possible de le combiner a...

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"

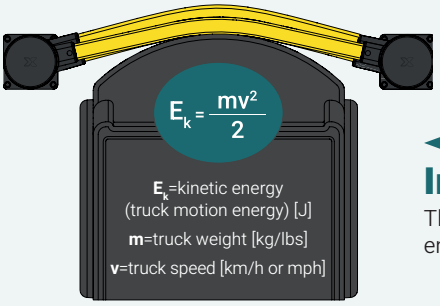
POSTS & BOLLARDS

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

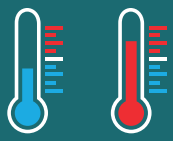
Loaded weight
2700 kg / 5940 lbs

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



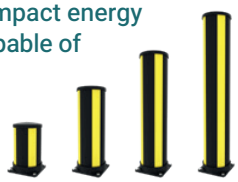
-10°C → 40°C

Assembly

SCAN THE CODE TO DOWNLOAD OUR ASSEMBLY MANUALS

X-Protect Standard Configurations

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

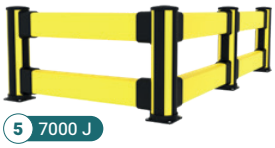


1 5250 J

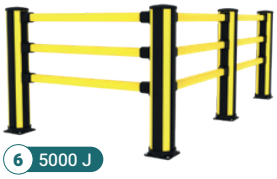
2 4500 J

3 6200 J

4 7700 J

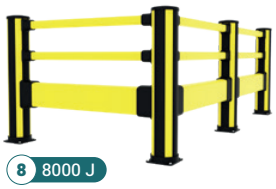


5 7000 J

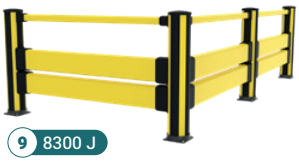


6 5000 J

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.