



Est 1990

X-Protect Poteau antichoc

X-Protect Bollards safeguard corners, doorways and equipment from vehicle impacts. The black and yellow colour scheme enhances visibility and helps direct forklift traffic, creating safer, well-organised industrial routes.



The X-Protect Classic Bollards are built for heavy-duty protection in areas exposed to frequent vehicle movement. Ideal for safeguarding doorways, exposed corners and machinery, they attract attention and help drivers navigate safely along traffic routes. The Classic Bollards are available in four sizes, from 350 to 1160 mm, and can also be seamlessly integrated into the X-Guard Machine Guard System, creating a continuous safety solution across the facility.

The X-Protect Essential Bollards, by contrast, are designed for light-duty impact zones where flexibility and fast installation are key. They provide dependable ground-level protection against accidental contact from forklifts, AMRs or pallet trucks while maintaining an open layout. Available in four sizes from 620 to 1170 mm, the Essential Bollards allow easy adaptation to different layouts and traffic conditions.

As part of the X-Protect Impact Protection System, both bollard types feature modular components, quick installation and easy maintenance which gives long-term performance with minimal disruption.

Key features

- Fast to install
- Kind to the floor
- Easy to repair

Impact test results					
Classic Bollard					
Bollard height	Load	Equivalent to		90° Deflection	Force to fixings
350mm	3200 J	2500 kg 5.7 km/h	5000 kg 4 km/h	NA*	18 kN
610mm	5250 J	2500 kg 7.3 km/h	5000 kg 5.2 km/h	300mm	19.5 kN
870mm	5250 J	2500 kg 7.3 km/h	5000 kg 5.2 km/h	420mm	17.5 kN
1160mm	5250 J	2500 kg 7.3 km/h	5000 kg 5.2 km/h	620mm	12 kN
Essential Bollard					
Bollard height	Load	Equivalent to		90° Deflection	Force to fixings
620mm	1500 J	2500 kg 3.9 km/h	1500 kg 5 km/h	160mm	5.6 kN
880mm	1500 J	2500 kg 3.9 km/h	1500 kg 5 km/h	380mm	6.4 kN
1170mm	1500 J	2500 kg 3.9 km/h	1500 kg 5 km/h	585mm	4.3 kN

- Due to the bollard height, it is considered that the deflection is not critical for product selection.

Modèles

Essential Bollards 3 articles

ARTICLES / DESCRIPTION	LARGEUR (MM)	HAUTEUR (MM)	COULEUR
 BEP0-062-0000 Essential Bollard	114	620	Jaune zinc (RAL 1018) Noir graphite (RAL 9011)
 BEP0-088-0000 Essential Bollard	114	880	Jaune zinc (RAL 1018) Noir graphite (RAL 9011)
 BEP0-117-0000 Essential Bollard	114	1170	Jaune zinc (RAL 1018) Noir graphite (RAL 9011)

Classic Bollards 8 articles

ARTICLES / DESCRIPTION	LARGEUR (MM)	HAUTEUR (MM)	COULEUR
 BCP1-035-0000 Poteau antichoc	200	350	Jaune zinc (RAL 1018)
 BCP0-035-0000 Poteau antichoc	200	350	Jaune zinc (RAL 1018) Noir graphite (RAL 9011)
 BCP1-061-0000 Poteau antichoc	200	610	Jaune zinc (RAL 1018)
 BCP0-061-0000 Poteau antichoc	200	610	Jaune zinc (RAL 1018) Noir graphite (RAL 9011)
 BCP1-087-0000 Poteau antichoc	200	870	Jaune zinc (RAL 1018)
 BCP0-087-0000 Poteau antichoc	200	870	Jaune zinc (RAL 1018) Noir graphite (RAL 9011)
 BCP1-116-0000 Poteau antichoc	200	1160	Jaune zinc (RAL 1018)
 BCP0-116-0000 Poteau antichoc	200	1160	Jaune zinc (RAL 1018) Noir graphite (RAL 9011)

Produits associés



X-PROTECT

Poteaux antichocs et adaptateur X-Guard

Utilisez nos poteaux X-Protect pour protéger les entrées de porte, les angles à nu et les machines. De plus, les couleurs noires et jaunes des poteaux attirent l'attention du conducteur du chariot...

12 articles



PROTECTION DE PILIER

X-Protect Protection de pilier

Pour protéger les piliers de votre installation contre les chocs et les préserver des dommages. De conception unique, la protection est pourvue de cavités spécialement formées pour efficacité dis...

1 articles

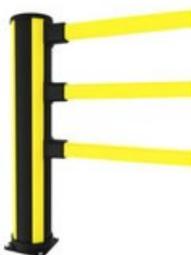


CLASSIC BARRIÈRE PIÉTONNE

Barrière piétonne + bastaing

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

19 articles



CLASSIC BARRIÈRE PIÉTONNE

Barrière piétonne

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

12 articles

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"

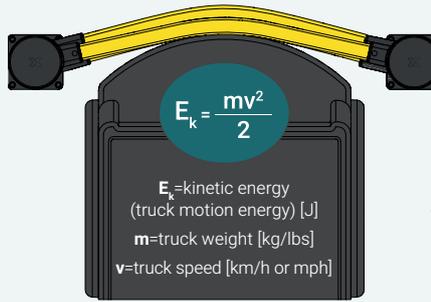
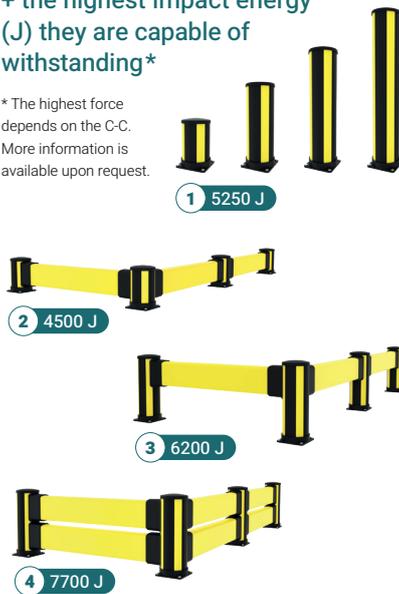
Height:
 620 -
 1170 mm
 24 7/16" -
 46 1/16"



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

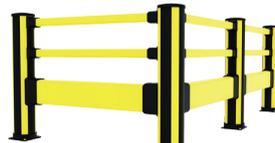
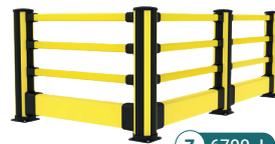
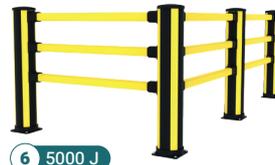
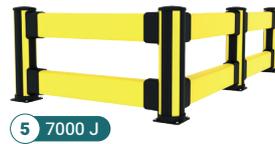
Speed	Load
6 km/h 3.7 mph	2930 J
8 km/h 5 mph	5180 J
12 km/h 7.5 mph	11670 J

Component Colours

● RAL 1018 ● RAL 9011

Operating temperature

-10°C → 40°C



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**