

Poteaux antichocs

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 | Zinc Yellow (RAL 1018) Graphite Black (RAL 9011) |
|  BEP0-088-0000 Essential Bollard | 114 | 880 | Zinc Yellow (RAL 1018) Graphite Black (RAL 9011) |
|  BEP0-117-0000 Essential Bollard | 114 | 1170 | Zinc Yellow (RAL 1018) Graphite Black (RAL 9011) |

Classic Bollards 4 articles

| ARTICLES / DESCRIPTION | LARGEUR (MM) | HAUTEUR (MM) | COULEUR |
|---------------------------------------------------------------------------------------------------------------------------|--------------|--------------|-----------------------------------------------------|
|  BCP0-035-0000 Poteau antichoc | 200 | 350 | Zinc Yellow (RAL 1018) Graphite Black (RAL 9011) |
|  BCP0-061-0000 Poteau antichoc | 200 | 610 | Zinc Yellow (RAL 1018) Graphite Black (RAL 9011) |
|  BCP0-087-0000 Poteau antichoc | 200 | 870 | Zinc Yellow (RAL 1018) Graphite Black (RAL 9011) |
|  BCP0-116-0000 Poteau antichoc | 200 | 1160 | Zinc Yellow (RAL 1018) Graphite Black (RAL 9011) |

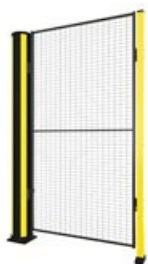
Produits associés



Barrière piétonne avec bastaing

La barrière piétonne avec 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...

16 articles



X-PROTECT X-GUARD BOLLARDS

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...

6 articles

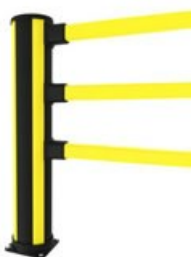


COLUMN GUARDS

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 un effacement dis...

1 articles



Barrière piétonne

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

9 articles

X-Protect components

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

BARRIERS & RAILS

Pedestrian 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

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

Essential
 2 connection sides

Height: 620 – 1170 mm
 Width: 132 mm | 24 7/16" – 5 3/16" | 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

- Classic | 5220 J
- Essential | 1500 J

2. Impact Barriers

- Impact | 4500 J
- Impact High | 6200 J
- Double Impact Low | 7700 J
- Double Impact High | 7000 J

3. Pedestrian Rails

- Pedestrian | 5000 J
- Essential Pedestrian | 2250 J
- Essential Pedestrian 2 rail | 1700 J
- Essential Pedestrian | 2250 J

4. Floor Barrier | 2250 J

- Can be used both with Impact & Pedestrian configurations or as stand-alone protection.

5. Pedestrian Rails + Impact Barriers

- Pedestrian + Impact | 6700 J
- Pedestrian + Impact High | 8000 J
- Pedestrian + Double Impact | 8300 J
- Essential Pedestrian + Impact High | 3100 J

6. Pedestrian Gate | 0 J

7. Column Guard | 1800 J

8. Topple Barriers

- Pedestrian | 5250 J
- Impact | 6200 J

9. Dock Gate | 10200 J

10. Height Restrictors

- Goal Post | 4200 J
- Height Guard

11. Upright Protector