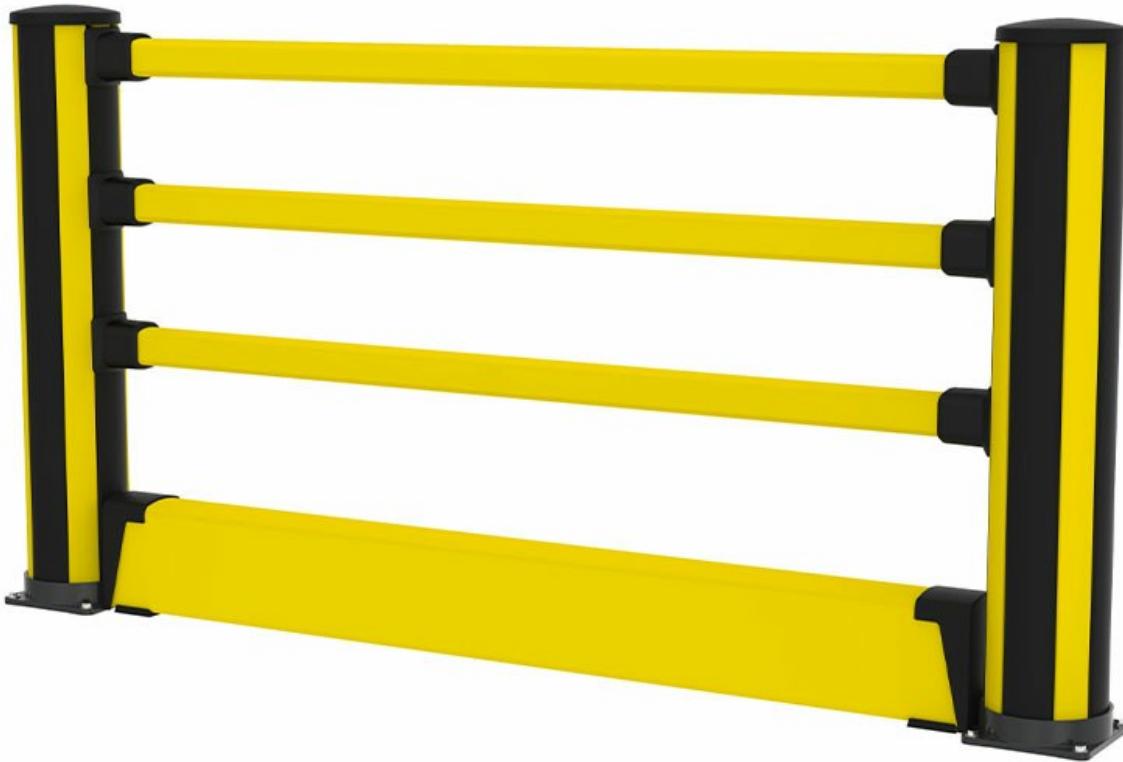




Est 1990

Pedestrian with Floor Barrier

Improve your workspace's safety and pedestrian and traffic flows with the configuration Pedestrian with Floor Barrier. Designed to efficiently segregate pedestrian walkways from vehicular routes, including those frequented by forklift trucks, AMRs, and AGVs. This product serves as an alternative to our other X-Protect Pedestrian barrier configurations, focusing on improving safety while maintaining an efficient traffic management.



The Pedestrian with Floor Barrier keeps pedestrians and vehicular traffic separated with added protection from low-level hazards such as vehicle forks and pallets in transit. Installation is straightforward, with a low fixing count. This minimal invasiveness facilitates a quick setup process that does not necessitate extensive modifications to your existing layout.

The system's adaptability is enhanced by push-fit parts and heavy-duty expansion bolts, allowing for easy assembly and quick adjustments with our included drilling template. This adaptability ensures that the Pedestrian with Floor Barrier can evolve with your workspace's changing safety requirements, providing a reliable and durable safety solution.

Models

Posts 12 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	CC (MM)	COLOR
 BCC1-116-00P3 Pedestrian corner	1160		Zinc Yellow
 BCC0-116-00P3 Pedestrian corner	1160		Zinc Yellow Graphite Black
 BCM1-116-00P3 Pedestrian mid	1160		Zinc Yellow
 BCM0-116-00P3 Pedestrian mid	1160		Zinc Yellow Graphite Black
 BCE1-116-00P3 Pedestrian end	1160		Zinc Yellow
 BCE0-116-00P3 Pedestrian end	1160		Zinc Yellow Graphite Black
 BCE1-116-I1P2 Pedestrian + Impact High end	1160		Zinc Yellow
 BCE0-116-I1P2 Pedestrian + Impact High end	1160		Zinc Yellow Graphite Black
 BCM1-116-I1P2 Pedestrian + Impact High mid	1160		Zinc Yellow
 BCM0-116-I1P2 Pedestrian + Impact High mid	1160		Zinc Yellow Graphite Black
 BCC1-116-I1P2 Pedestrian + Impact High corner	1160		Zinc Yellow
 BCC0-116-I1P2 Pedestrian + Impact High corner	1160		Zinc Yellow Graphite Black

Impact rails 7 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	CC (MM)	COLOR
 RCI1-027-0050 Impact rail	500		Zinc Yellow
 RCI1-047-0070 Impact rail	700		Zinc Yellow
 RCI1-077-0100 Impact rail	1000		Zinc Yellow
 RCI1-127-0150 Impact rail	1500		Zinc Yellow
 RCI1-177-0200 Impact rail	2000		Zinc Yellow
 RCI1-227-0250 Impact rail	2500		Zinc Yellow
 RCI1-277-0300 Impact rail	3000		Zinc Yellow

Hand rails 5 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	CC (MM)	COLOR
 RCP1-027-0050 Hand rail	500		Zinc Yellow
 RCP1-047-0070 Hand rail	700		Zinc Yellow
 RCP1-077-0100 Hand rail	1000		Zinc Yellow
 RCP1-127-0150 Hand rail extrusion, C-C=1500mm, RAL 1018 yellow	1500		Zinc Yellow
 RCP1-177-0200 Hand rail extrusion	2000		Zinc Yellow

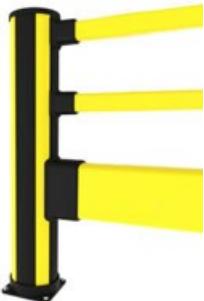
End packs 2 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	CC (MM)	COLOR
 FCE3-022-I100-2 Floor barrier end - 2 pack	221		Graphite Black
 FCE3-022-I100-10 Floor barrier end - 10 pack	221		Graphite Black

Gate 1 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	CC (MM)	COLOR
 GCP8-069-0121			

Related products



CLASSIC PEDESTRIAN BARRIER

Pedestrian with impact high

Use the X-Protect Pedestrian + Impact high barrier configuration to protect walkways from medium duty vehicles where there is a reduced risk of ground level impacts. It is also possible to combine...

[19 articles](#)



IMPACT BARRIERS

Impact High with Floor Barrier

The Impact High with Floor Barrier is an innovative solution designed to offer pallet racking end-frame protection and perimeter security within your workspace. This system combines the benefits of...

[17 articles](#)



X-PROTECT

Standalone Floor Barrier

Designed to serve as a standalone solution, it improves the safeguarding of building perimeters and vital infrastructure from the everyday risks of vehicle forks, pallets in transit, AMRs and AGVs,...

[17 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

Height:
350 -
1160 mm
13 13/16" -
45 11/16"

Width:
200 mm
7 7/8"

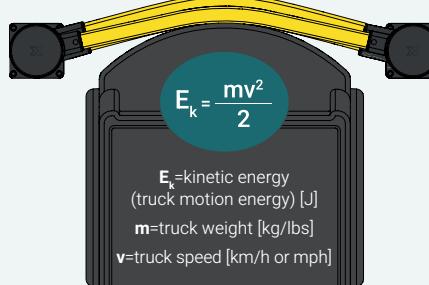


Essential

2 connection sides

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

Width:
132 mm
5 3/16"



$$E_k = \frac{mv^2}{2}$$

E_k =kinetic energy
(truck motion energy) [J]
 m =truck weight [kg/lbs]
 v =truck speed [km/h or mph]

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

Yellow RAL 1018 Black RAL 9011

Operating temperature

-10°C → 40°C



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.



1 5250 J

2 4500 J

3 6200 J

4 7700 J



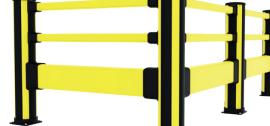
5 7000 J

6 5000 J



7 6700 J

8 8000 J



10 0 J

11 1800 J



12 3000 J



13 1500 J



14 1700 J



15 2250 J



16 3100 J

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