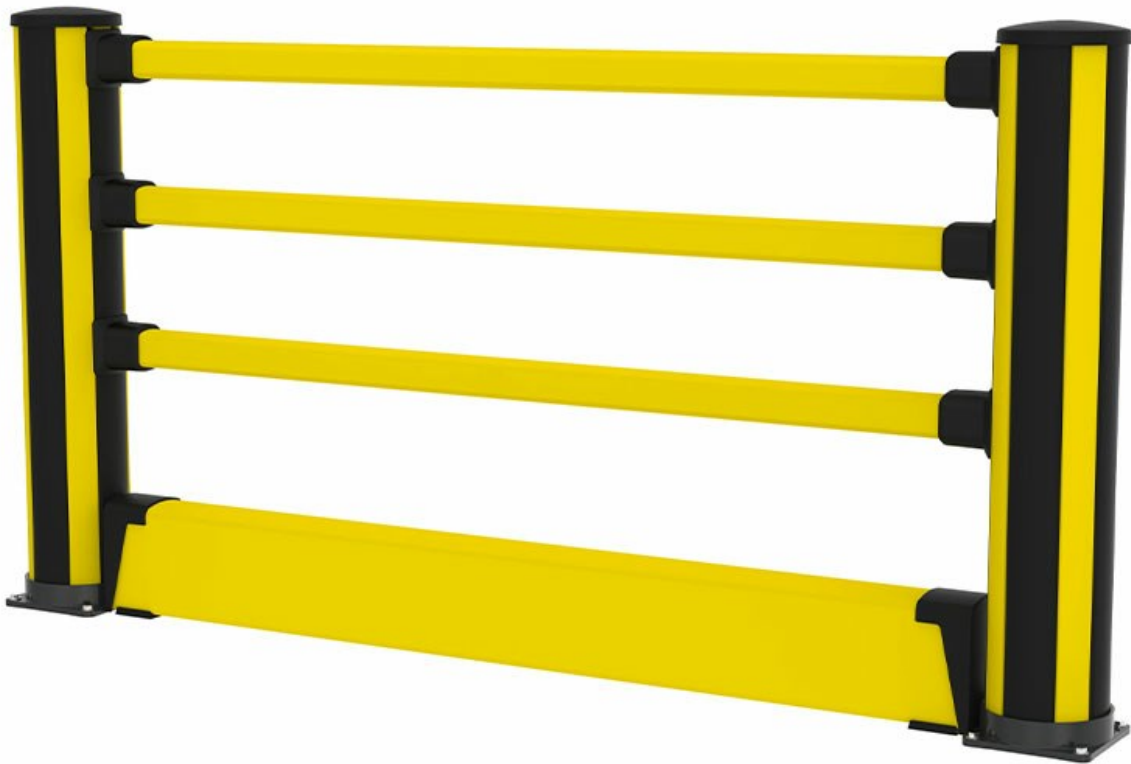




# Pedestrian with Floor Barrier

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
	<b>BCC1-116-00P3</b> Pedestrian corner	1160		Zinc Yellow
	<b>BCC0-116-00P3</b> Pedestrian corner	1160		Zinc Yellow Graphite Black
	<b>BCM1-116-00P3</b> Pedestrian mid	1160		Zinc Yellow
	<b>BCM0-116-00P3</b> Pedestrian mid	1160		Zinc Yellow Graphite Black
	<b>BCE1-116-00P3</b> Pedestrian end	1160		Zinc Yellow
	<b>BCE0-116-00P3</b> Pedestrian end	1160		Zinc Yellow Graphite Black
	<b>BCE1-116-I1P2</b> Pedestrian + Impact High end	1160		Zinc Yellow
	<b>BCE0-116-I1P2</b> Pedestrian + Impact High end	1160		Zinc Yellow Graphite Black
	<b>BCM1-116-I1P2</b> Pedestrian + Impact High mid	1160		Zinc Yellow
	<b>BCM0-116-I1P2</b> Pedestrian + Impact High mid	1160		Zinc Yellow Graphite Black
	<b>BCC1-116-I1P2</b> Pedestrian + Impact High corner	1160		Zinc Yellow
	<b>BCC0-116-I1P2</b> Pedestrian + Impact High corner	1160		Zinc Yellow Graphite Black



## Impact rails 7 articles

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


## Hand rails 5 articles

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

End packs 2 articles

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

Gate 1 articles

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

## Related products

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### 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

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" -

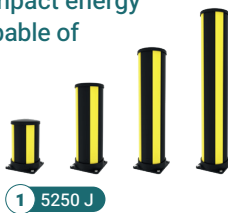
46 1/16"



## 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.



1 5250 J



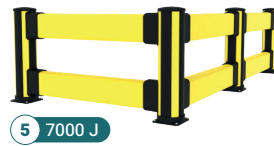
2 4500 J



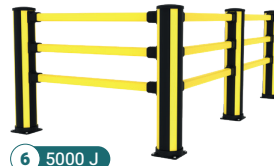
3 6200 J



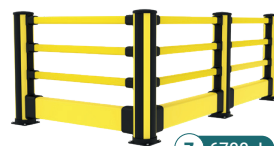
4 7700 J



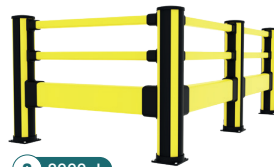
5 7000 J



6 5000 J



7 6700 J



8 8000 J



9 8300 J



10 0 J



11 1800 J



12 3000 J



13 1500 J



14 1700 J



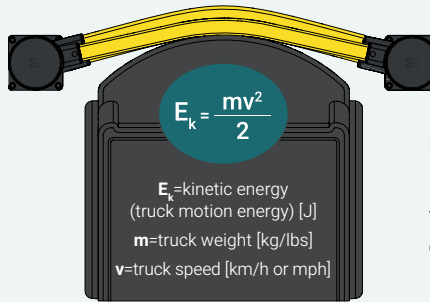
15 2250 J



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



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

$E_k$  = 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



RAL 1018



RAL 9011

### Operating temperature

-10°C → 40°C

