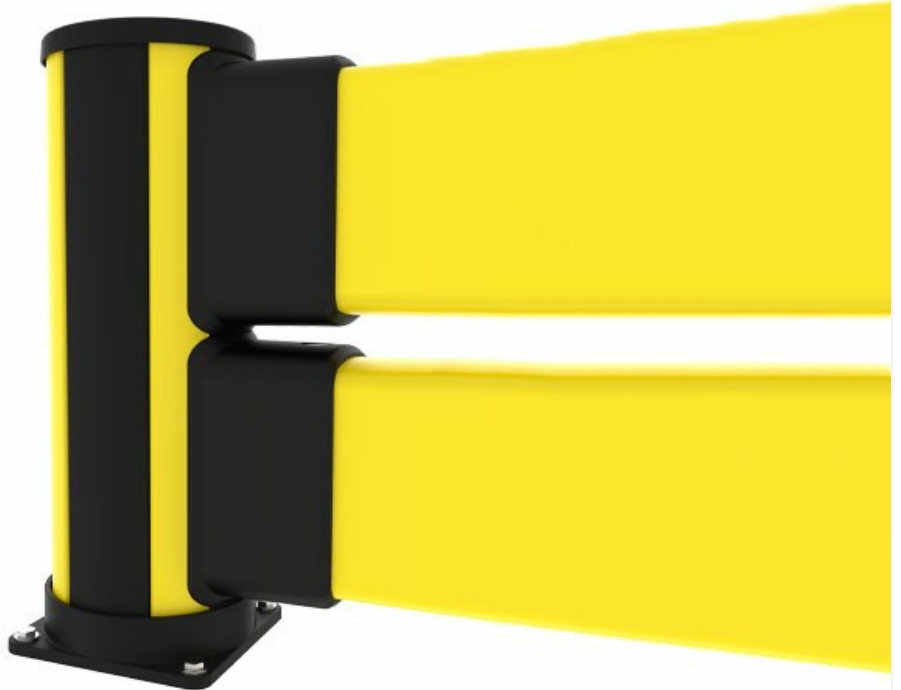


Double impact low

Use the X-Protect Double Impact Low Barrier configuration to protect structures from ground level, heavy duty impacts. It is one of our strongest Impact protection configurations and also ideal for protecting pallet racking.







Our modular rails and bollards allow for damaged or worn parts to be replaced at a component level. If you need to replace any component - it is just a slide away.





X-Protect is a unique approach to safety barriers. Unrivalled modularity, using only a few system components and damping that is built in to create a barrier system that changes with your work place. X-Protect allows rapid transformation, repair or replacement of existing barriers and bespoke configurations are limitless.




Models

Posts 6 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 BCE0-061-I200 Double Impact Low end	610			Zinc Yellow Graphite Black
 BCE1-061-I200 Double Impact Low end	610			Zinc Yellow
 BCM0-061-I200 Double Impact Low mid	610			Zinc Yellow Graphite Black
 BCM1-061-I200 Double Impact Low mid	610			Zinc Yellow
 BCC0-061-I200 Double Impact Low corner	610			Zinc Yellow Graphite Black
 BCC1-061-I200 Double Impact Low corner	610			Zinc Yellow

Impact rails 9 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 RCI1-027-0050 Impact rail		270	500	Zinc Yellow
 RCI1-047-0070 Impact rail		470	700	Zinc Yellow
 RCI1-077-0100 Impact rail		770	1000	Zinc Yellow
 RCI1-127-0150 Impact rail		1270	1500	Zinc Yellow
 RCI1-177-0200 Impact rail		1770	2000	Zinc Yellow
 RCI1-227-0250 Impact rail		2270	2500	Zinc Yellow

	RCI1-277-0300 Impact rail	2770	3000	Zinc Yellow
	RCI1-067-0090 Impact rail	670	900	Zinc Yellow
	RCI1-197-0220 Impact rail	1970	2200	Zinc Yellow

Related products



IMPACT BARRIERS

Impact

Use the X-Protect Impact Barrier for ground level impact protection. It is ideal for segregating light weight vehicles or defining warehouse zones. Our modular rails and bollards allow for damaged...

[15 articles](#)



IMPACT BARRIERS

Impact high

Use the X-Protect Impact High Barrier for high level impact protection. It is ideal for segregating light weight vehicles or defining warehouse zones. Our modular rails and bollards allow for damag...

[15 articles](#)



IMPACT BARRIERS

Double impact

Use the X-Protect Double Impact Barrier configuration to protect structures from high level, heavy duty impacts. It is one of our strongest Impact protection configurations. Our modular rails and b...

[15 articles](#)



CLASSIC PEDESTRIAN BARRIER

Pedestrian with impact

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

[19 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" -

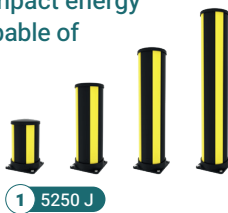
46 1/16"



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



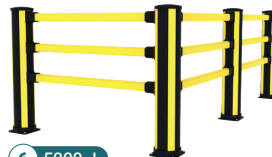
3 6200 J



4 7700 J



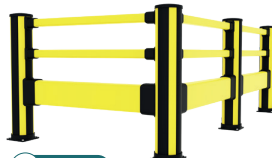
5 7000 J



6 5000 J



7 6700 J



8 8000 J



9 8300 J



10 0 J



11 1800 J



12 3000 J



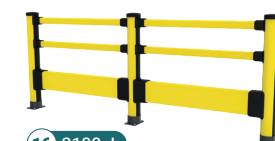
13 1500 J



14 1700 J



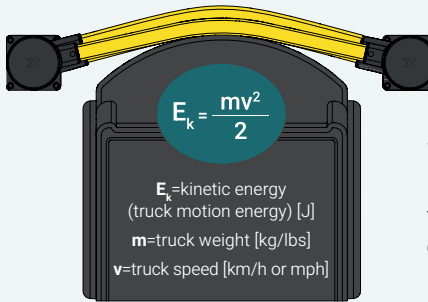
15 2250 J



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



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

