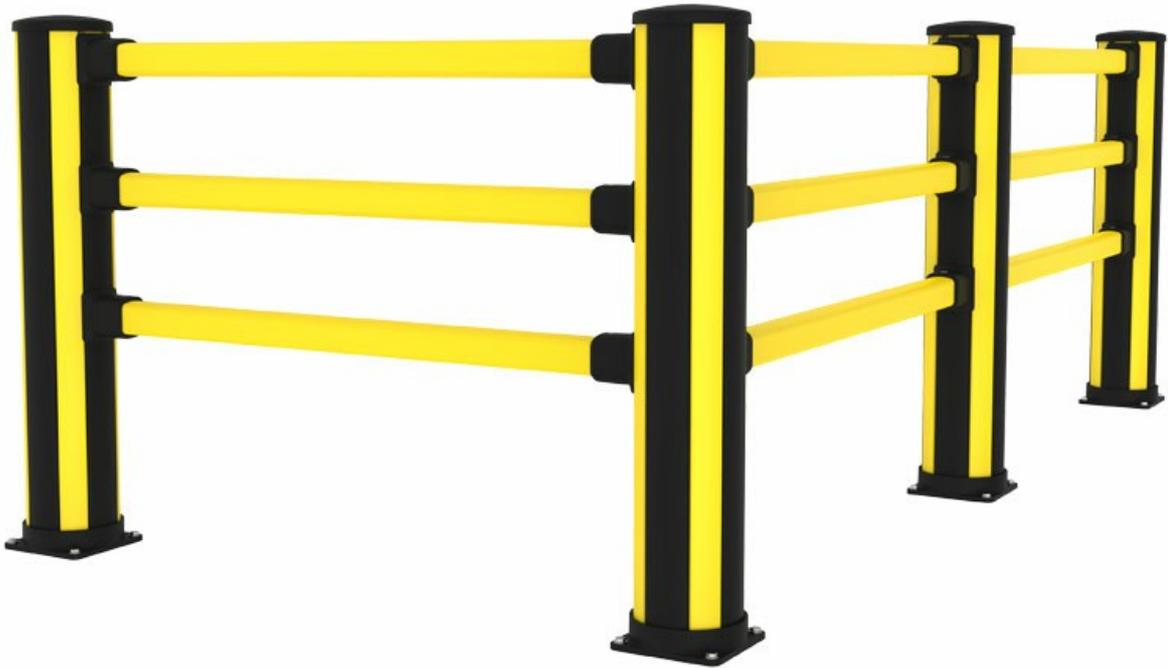


Pedestrian

Use the X-Protect Pedestrian barrier configuration to define pedestrian routes and protect from light duty impacts. It is also possible to combine with a pedestrian gate. The pedestrian gate is self closing, provided with a universal handle and width is adjustable from 690-1210 mm.



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.

Impact test results					
<i>Area of impact</i>	<i>Load</i>	<i>Equivalent to</i>		<i>90° Deflection</i>	<i>Force to fixings</i>
Centre of barrier C - C as below					
1500mm	4000 J	2500 kg 6.4 km/h	5000 kg 4.5 km/h	360mm	14.3 kN
2000mm	5000 J	2500 kg 7.2 km/h	5000 kg 5 km/h	490mm	18.7 kN
Posts					
End post	1900 J	2500 kg 4.4 km/h	5000 kg 3.1 km/h	NA *	10 kN
Mid post	1900 J	2500 kg 4.4 km/h	5000 kg 3.1 km/h	NA *	8.4 kN

* Deflection of posts is equivalent or less than that of the rail/s and is not considered to be critical for product selection. Performance is tested at height of the lowest rail. The post will perform better for lower strikes and

deflection.

Models

Posts 6 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	CC (MM)	COLOR
 BCC1-116-00P3 Pedestrian corner	1160		Zinc Yellow (RAL 1018)
 BCC0-116-00P3 Pedestrian corner	1160		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 BCM1-116-00P3 Pedestrian mid	1160		Zinc Yellow (RAL 1018)
 BCM0-116-00P3 Pedestrian mid	1160		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 BCE1-116-00P3 Pedestrian end	1160		Zinc Yellow (RAL 1018)
 BCE0-116-00P3 Pedestrian end	1160		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)

Hand rails 5 articles

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



RCP1-027-0050
Hand rail

500

Zinc Yellow (RAL 1018)

Gate 1 articles

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

Related products



X-PROTECT PEDESTRIAN

Pedestrian gate

Universally handed, self closing and width adjustable from 690mm to 1210 mm.

1 articles



CLASSIC PEDESTRIAN

Pedestrian Barrier with impact

Use the X-Protect Pedestrian Barrier with 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...

19 articles



CLASSIC PEDESTRIAN

Pedestrian Barrier with impact high

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

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"

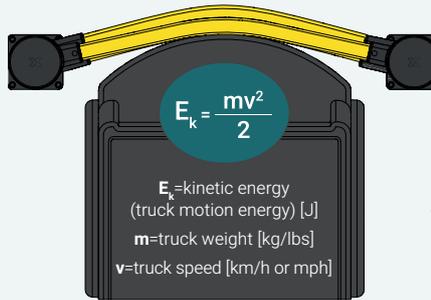
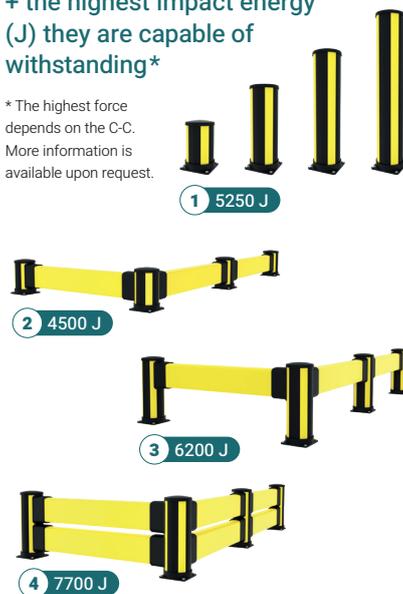


Height:
 620 -
 1170 mm
 24 7/16" -
 46 1/16"

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.



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

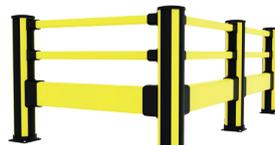
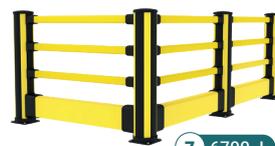
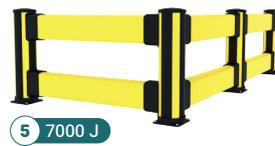
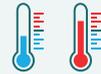
Speed	Load
6 km/h 3.7 mph	2930 J
8 km/h 5 mph	5180 J
12 km/h 7.5 mph	11670 J

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**