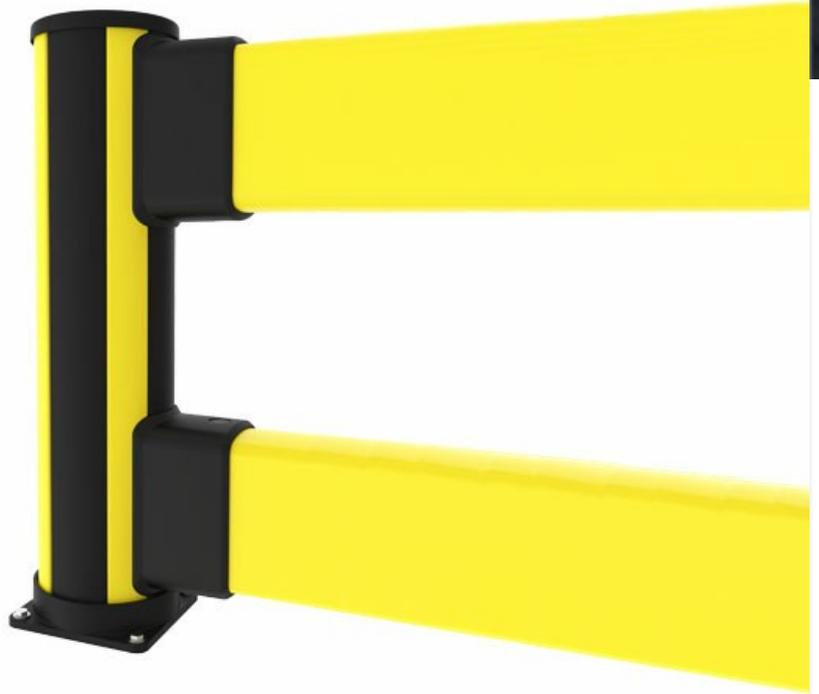


Double impact

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 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.

Impact test results					
Area of impact	Load	Equivalent of		90° Deflection	Force to fixings
Centre of barrier C - C as below					
2000mm	7000 J	2500 kg 8.5 km/h	5000 kg 5.6 km/h	430mm	14.5 kN
2500mm	6500 J	2500 kg 8.2 km/h	5000 kg 5.3 km/h	470mm	12.2 kN
3000mm	6200 J	2500 kg 8 km/h	5000 kg 5.1 km/h	520mm	10.4 kN
Posts					
End post	6100 J	2500 kg 4.9 km/h	5000 kg 3.5 km/h	NA*	19.2 kN
Mid post	6100 J	2500 kg 4.9 km/h	5000 g 3.5 km/h	NA*	18.1 kN

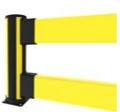
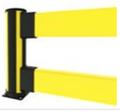
* Deflection of posts is equivalent or less than that of the rail/s and is not considered to be critical for product selection. Performance is tested at height of the lowest rail. The post will perform better for lower strikes and deflection will be reduced.

Models

Posts 6 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 BCE0-087-I200 Double Impact end	870			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 BCE1-087-I200 Double Impact end	870			Zinc Yellow (RAL 1018)
 BCM0-087-I200 Double Impact mid	870			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 BCM1-087-I200 Double Impact mid	870			Zinc Yellow (RAL 1018)
 BCC0-087-I200 Double Impact corner	870			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 BCC1-087-I200 Double Impact corner	870			Zinc Yellow (RAL 1018)

Impact rails 9 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 RCI1-027-0050 Impact rail		270	500	Zinc Yellow (RAL 1018)
 RCI1-047-0070 Impact rail		470	700	Zinc Yellow (RAL 1018)
 RCI1-077-0100 Impact rail		770	1000	
 RCI1-127-0150 Impact rail		1270	1500	Zinc Yellow (RAL 1018)
 RCI1-227-0250 Impact rail		2270	2500	Zinc Yellow (RAL 1018)
 RCI1-277-0300 Impact rail		2770	3000	Zinc Yellow (RAL 1018)
 RCI1-177-0200		1770	2000	Zinc Yellow (RAL 1018)
 RCI1-067-0090 Impact rail		670	900	Zinc Yellow (RAL 1018)
 RCI1-197-0220 Impact rail		1970	2200	Zinc Yellow (RAL 1018)

Related products



X-PROTECT IMPACT PROTECTION

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...

[15 articles](#)



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](#)