



Est 1990

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 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					
<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					
2000mm	4500 J	2500 kg 6.8 km/h	5000 kg 4.8 km/h	350mm	4kN
2500mm	4200 J	2500 kg 6.5 km/h	5000 kg 4.6 km/h	390mm	6.6 kN
3000mm	3900 J	2500 kg 6.3 km/h	5000 kg 4.4 km/h	420mm	9.8 kN
Posts					
End post	4500 J	2500 kg 6.8 km/h	5000 kg 4.4 km/h	NA *	11.8 kN
Mid post	4500 J	2500 kg 6.8 km/h	5000 kg 4.8 km/h	NA *	13.6 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)	LENGTH (MM)	CC (MM)	COLOR
 BCM1-035-I100 Impact mid	350			Zinc Yellow (RAL 1018)
 BCM0-035-I100 Impact mid	350			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 BCE1-035-I100 Impact end	350			Zinc Yellow (RAL 1018)
 BCE0-035-I100 Impact end	350			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 BCC1-035-I100 Impact corner	350			Zinc Yellow (RAL 1018)
















BCC0-035-I100
Impact corner

350

Zinc Yellow (RAL 1018)
Graphite Black (RAL 9011)

Impact rails 15 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 RCI1-064-0087 Impact rail		640	870	Zinc Yellow (RAL 1018)
 RCI1-277-0300 Impact rail		2770	3000	Zinc Yellow (RAL 1018)
 RCI1-227-0250 Impact rail		2270	2500	Zinc Yellow (RAL 1018)
 RCI1-177-0200 Impact rail		1770	2000	Zinc Yellow (RAL 1018)
 RCI1-127-0150 Impact rail		1270	1500	Zinc Yellow (RAL 1018)
 RCI1-077-0100 Impact rail		770	1000	Zinc Yellow (RAL 1018)
 RCI1-047-0070 Impact rail		470	700	Zinc Yellow (RAL 1018)
 RCI1-027-0050 Impact rail		270	500	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)
 RCI1-201-0224 Impact rail		2010	2240	Zinc Yellow (RAL 1018)
 RCI1-074-0097 Impact rail		740	970	Zinc Yellow (RAL 1018)
 RCI1-207-0230 Impact rail		2070	2300	Zinc Yellow (RAL 1018)



RCI1-211-0234
Impact rail

2110

2340

Zinc Yellow (RAL 1018)



RCI1-217-0240
Impact rail

2170

2400

Zinc Yellow (RAL 1018)

Related products



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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...

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IMPACT BARRIERS

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 idea...

[21 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...

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PEDESTRIAN BARRIERS

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...

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