

Impacto alto

Utilice la barrera de impacto alta para una protección contra impactos a un nivel alto. Es perfecta para separar vehículos ligeros o definir zonas de almacén.

Nuestros rieles modulares y bolardos permiten sustituir las piezas dañadas o desgastadas por componentes. Si necesita sustituir cualquier componente, no tiene nada más que deslizar el producto.



X-Protect es un enfoque único en barreras de seguridad. Modularidad inigualable, utilizando solo unos pocos componentes del sistema y una amortiguación incorporada para crear un sistema de barrera que cambia al mismo tiempo que lo hace su lugar de trabajo. X-Protect permite una rápida transformación, reparación o sustitución de las barreras existentes y las configuraciones a medida son ilimitadas.

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	6200 J	2500 kg 8 km/h	5000 kg 5.6 km/h	430mm	14.5 kN
2500mm	5500 J	2500 kg 7.5 km/h	5000 kg 5.3 km/h	470mm	12.2 kN
3000mm	5200 J	2500 kg 7.3 km/h	5000 kg 5.1 km/h	520mm	10.4 kN
Posts					
End post	2400 J	2500 kg 4.9 km/h	5000 kg 3.5 km/h	NA *	19.2 kN
Mid post	2400 J	2500 kg 4.9 km/h	5000 kg 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.

Modelos

Posts 6 artículos

ARTÍCULOS / DESCRIPCIÓN	ALTURA (MM)	LARGO (MM)	CC (MM)	COLOR
 BCC1-061-I100 Impacto alto, esquina	610			Zinc Yellow (RAL 1018)
 BCC0-061-I100 Impacto alto, esquina	610			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 BCM1-061-I100 Impacto alto, medio	610			Zinc Yellow (RAL 1018)
 BCM0-061-I100 Impacto alto, medio	610			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 BCE1-061-I100 Impacto alto, extremo	610			Zinc Yellow (RAL 1018)
 BCE0-061-I100 Impacto alto, extremo	610			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)

Impact rails 9 artículos

ARTÍCULOS / DESCRIPCIÓN	ALTURA (MM)	LARGO (MM)	CC (MM)	COLOR
 RCI1-277-0300 impacto, rail		2770	3000	Zinc Yellow (RAL 1018)
 RCI1-227-0250 impacto, rail		2270	2500	Zinc Yellow (RAL 1018)
 RCI1-177-0200 impacto, rail		1770	2000	Zinc Yellow (RAL 1018)

	RCI1-127-0150 impacto, rail	1270	1500	Zinc Yellow (RAL 1018)
	RCI1-077-0100 impacto, rail	770	1000	Zinc Yellow (RAL 1018)
	RCI1-047-0070 impacto, rail	470	700	Zinc Yellow (RAL 1018)
	RCI1-027-0050 impacto, 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)

Productos relacionados

X-PROTECT IMPACT PROTECTION

Impacto



Utilice la barrera de impacto para la protección contra impactos a nivel del suelo. Es perfecta para separar vehículos ligeros o definir zonas de almacén. Nuestros rieles modulares y bolardos permi...

15 artículos

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"

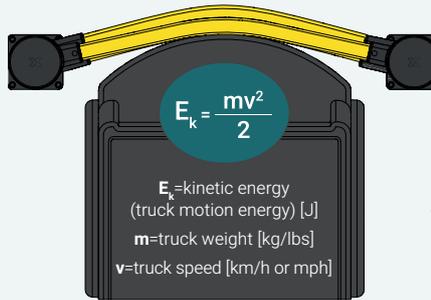
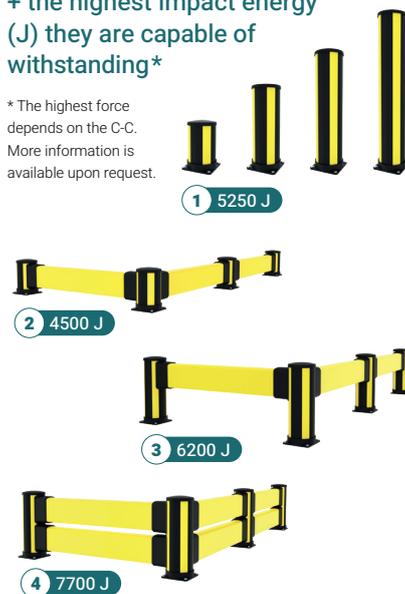


Height:
 620 -
 1170 mm
 24 7/16" -
 46 1/16"

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

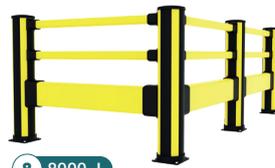
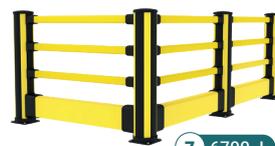
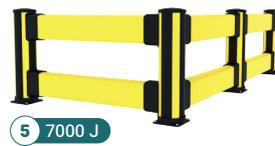
Speed	Load
6 km/h 3.7 mph	2930 J
8 km/h 5 mph	5180 J
12 km/h 7.5 mph	11670 J

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**