

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 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	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.

Modelos

Bollard 6 artículos

ARTÍCULOS / DESCRIPCIÓN	ALTURA (MM)	LARGO (MM)	CC (MM)	COLOR
 BCM1-035-I100 impacto, medio	350			Zinc Yellow (RAL 1018)
 BCM0-035-I100 impacto, medio	350			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 BCE1-035-I100 impacto, extremo	350			Zinc Yellow (RAL 1018)
 BCE0-035-I100 impacto, extremo	350			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 BCC1-035-I100 impacto, esquina	350			Zinc Yellow (RAL 1018)
 BCC0-035-I100 impacto, esquina	350			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 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 p...

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"



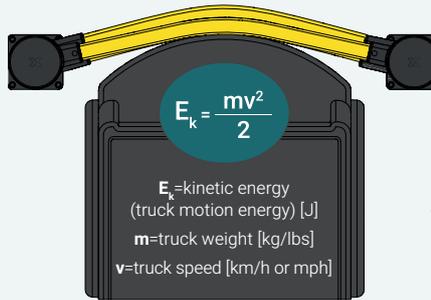
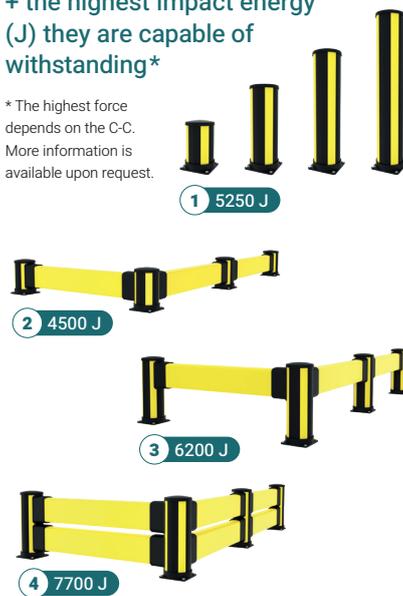
Essential
 2 connection sides
 Width:
 132 mm
 5 3/16"



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

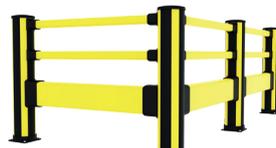
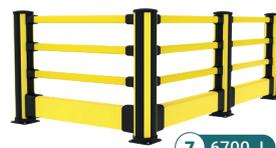
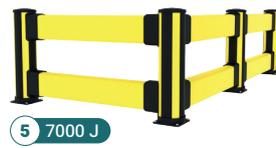
Speed	Load
6 km/h 3.7 mph	2930 J
8 km/h 5 mph	5180 J
12 km/h 7.5 mph	11670 J

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