Est 1990

Pedestrian with Double Impact

Protect walkways and infrastructure with Pedestrian with Double Impact from medium duty, high level impacts where there is a reduced risk of ground level impacts. The built-in damping and modular components enable quick reconfiguration, ensuring optimal safety for changing environments.

When should you use the Pedestrian with Double Impact configuration?

The Pedestrian with Double Impact configuration protects walkways and infrastructure from medium-duty, high-level impacts where ground-level risk is lower. It can be easily integrated with a self-closing pedestrian gate, equipped with a universal handle and adjustable width (690–1210 mm).

This impact protection system offers a unique approach to safety barriers. It offers modularity, relying on few system components and incorporating built-in damping to create a barrier solution that adapts to your workplace. The system supports rapid transformation, repair, or replacement of existing barriers, and bespoke configurations have no limits.

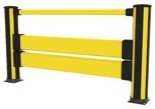
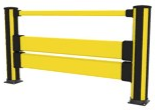
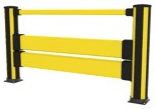
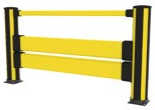
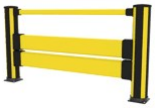
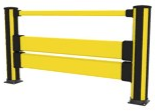
Impact test results				
Area of impact	*Load*	*Equivalent to*	*90° deflection*	*Force to fixings*

Centre of barrier C - C as below					
2000mm	8300 J	2500 kg 9.3 km/h	5000 kg 6.4 km/h	380mm	11.2 kN
Posts					
End post	2400 J	2500 kg 5 km/h	5000 kg 3.5 km/h	NA *	9.3 kN
Mid post	2550 J	2500 kg 5.1 km/h	5000 kg 3.7 km/h	NA *	12.7 kN

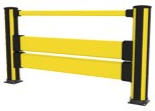
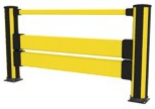
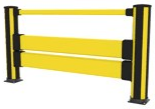
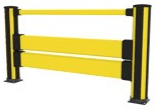
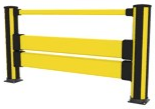
*Deflection of posts is equivalent or less than that of the rail/s an dis not considered to be critical for production selection. Performance is tested at height of the lowest rail. The post will perform better for lower strikes and deflection will be reduced.

Models

Posts 6 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 **BCE0-116-I2P1** End post	1160			Graphite Black
 **BCE1-116-I2P1** End post	1160			Zinc Yellow
 **BCM0-116-I2P1** Mid post	1160			Zinc Yellow Graphite Black
 **BCM1-116-I1P1** Mid post	1160			Zinc Yellow
 **BCC0-116-I2P1** Corner post	1160			
 **BCC1-116-I2P1** Corner post	1160			Zinc Yellow

Impact rails 5 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 RCI1-027-0050		270	500	Zinc Yellow
 RCI1-047-0070		470	700	Zinc Yellow
 RCI1-077-0100		770	1000	Zinc Yellow
 RCI1-127-0150		1270	1500	Zinc Yellow
 RCI1-177-0200		1770	2000	Zinc Yellow

Hand rails 5 articles

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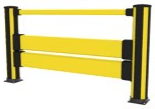
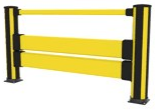
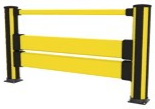
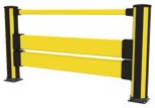
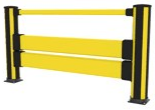
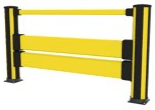
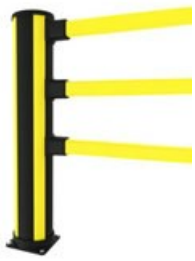
 RCP1-027-0050		270	500	Zinc Yellow
 RCP1-047-0070		470	700	Zinc Yellow
 RCP1-077-0100		770	1000	Zinc Yellow
 RCP1-127-0150		1270	1500	Zinc Yellow
 RCP1-177-0200		1770	2000	Zinc Yellow

Gate 1 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 GCP3-069-0121 Pedestrian gate 690-1210mm				Graphite Black

Related products

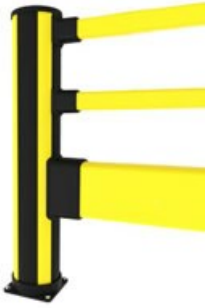


PEDESTRIAN BARRIERS

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 sel...

12 articles



PEDESTRIAN BARRIERS

Pedestrian with impact high

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

19 articles

PEDESTRIAN BARRIERS

Pedestrian gate

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

1 articles