

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).

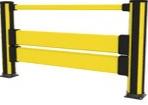
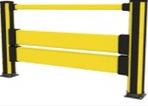
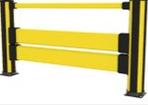
This impact protection system offers a unique approach to safety barriers. It offers modularity, relying on few system components and incorporating built-in damping to create a barrier solution that adapts to your workplace. The system supports rapid transformation, repair, or replacement of existing 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 and is 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 3 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 BCE0-116-I2P1 End post	1160			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 BCM0-116-I2P1 Mid post	1160			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 BCC0-116-I2P1 Corner post	1160			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)

Impact rails 5 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 RCI1-027-0050		270	500	Zinc Yellow (RAL 1018)
 RCI1-047-0070		470	700	Zinc Yellow (RAL 1018)
 RCI1-077-0100		770	1000	Zinc Yellow (RAL 1018)
 RCI1-127-0150		1270	1500	Zinc Yellow (RAL 1018)



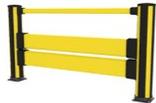
RCP1-177-0200

1770

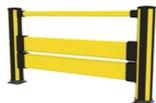
2000

Zinc Yellow (RAL 1018)

Hand rails 5 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 RCP1-027-0050		270	500	Zinc Yellow (RAL 1018)
 RCP1-047-0070		470	700	Zinc Yellow (RAL 1018)
 RCP1-077-0100		770	1000	Zinc Yellow (RAL 1018)
 RCP1-127-0150		1270	1500	Zinc Yellow (RAL 1018)
 RCP1-177-0200		1770	2000	Zinc Yellow (RAL 1018)

Gate 1 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 GCP3-069-0121 Pedestrian gate 690-1210mm				Graphite Black (RAL 9011)

Related products



X-PROTECT PEDESTRIAN

Pedestrian gate

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

1 articles