



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 with a pedestrian gate. The pedestrian gate is self closing, provided with a universal handle and width is adjustable from 690-1210 mm.



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.







This configuration is compatible with the floor barrier.

Impact test results					
Area of impact	Load	Equivalent to		90° Deflection	Force to fixings
Centre of barrier C - C as below					
2000mm	6700 J	2500 kg 8.3 km/h	5000 kg 5.8 km/h	370mm	13.5 kN
Posts					
End post	6000 J	2500 kg 7.8 km/h	5000 kg 5.5 km/h	NA *	14.7 kN
Mid post	6000 J	2500 kg 7.8 km/h	5000 kg 5.5 km/h	NA *	11.9 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
 BCM1-116-I1P3 Pedestrian + Impact mid	1160			Zinc Yellow
 BCM0-116-I1P3 Pedestrian + Impact mid	1160			Zinc Yellow Graphite Black
 BCE1-116-I1P3 Pedestrian + Impact end	1160			Zinc Yellow
 BCE0-116-I1P3 Pedestrian + Impact end	1160			Zinc Yellow Graphite Black
 BCC1-116-I1P3 Pedestrian + Impact corner	1160			Zinc Yellow
 BCC0-116-I1P3 Pedestrian + Impact corner	1160			Zinc Yellow Graphite Black

Impact rails 7 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 RCI1-277-0300 Impact rail		2770	3000	Zinc Yellow
 RCI1-227-0250 Impact rail		2270	2500	Zinc Yellow
 RCI1-177-0200 Impact rail		1770	2000	Zinc Yellow
 RCI1-127-0150 Impact rail		1270	1500	Zinc Yellow
 RCI1-077-0100 Impact rail		770	1000	Zinc Yellow
 RCI1-047-0070 Impact rail		470	700	Zinc Yellow
 RCI1-027-0050 Impact rail		270	500	Zinc Yellow

Hand rails 5 articles

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

Gate 1 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 GCP8-069-0121 Pedestrian gate 690-1210mm				Graphite Black

Related products



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

X-PROTECT

Standalone Floor Barrier



Designed to serve as a standalone solution, it improves the safeguarding of building perimeters and vital infrastructure from the everyday risks of vehicle forks, pallets in transit, AMRs and AGVs,...

17 articles



PEDESTRIAN BARRIERS

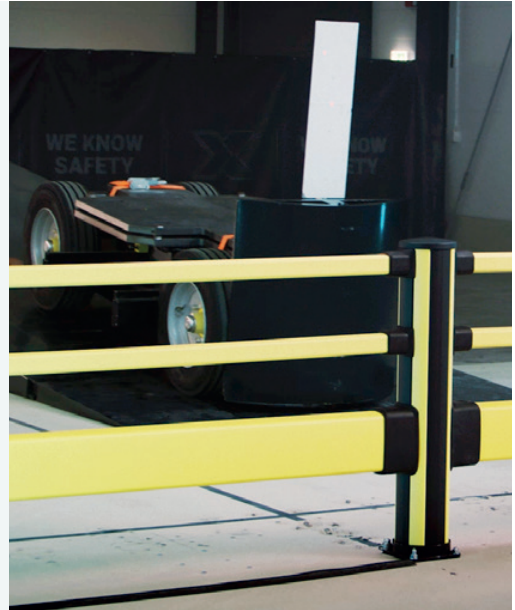
Pedestrian

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

X-Protect is Safe

- ✓ Our impact protection products undergo rigorous testing at our state-of-the-art testing facility.
- ✓ With decades of experience in industrial safety, we've designed our impact protection to perform effectively in real-world conditions.
- ✓ We know safety and can guide you to the best solutions tailored to your specific needs.



X-Protect is Modular

- ✓ Quickly modify barrier specifications with minimal waste.
- ✓ Perform easy and cost-effective repairs at a component level.
- ✓ Quickly build strong integrated installations with few parts.



X-Protect is Sustainable

- ✓ Simple end of life dis-assembly, even after an accident.
- ✓ Single material components that are easy to recycle.
- ✓ Repairable by design, damaged or worn components are easily replaced extending the barrier's life.



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



Height:
 350 - 1160 mm
 13 13/16" -
 45 11/16"
 Width:
 200 mm
 7 7/8" in

Component Colours

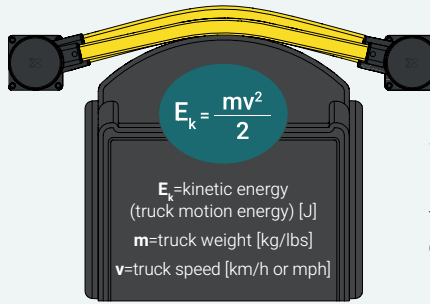
- RAL 1018
- RAL 9011

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.

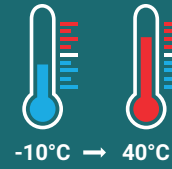


Impact testing

This is how we calculate the energy from a vehicle impact.

Speed	Load	Speed	Load	Speed	Load
6 km/h 3.7 mph	5020 J	6 km/h 3.7 mph	3770 J	6 km/h 3.7 mph	2930 J
8 km/h 5 mph	8880 J	8 km/h 5 mph	6660 J	8 km/h 5 mph	5180 J
12 km/h 7.5 mph	19960 J	12 km/h 7.5 mph	14970 J	12 km/h 7.5 mph	11670 J

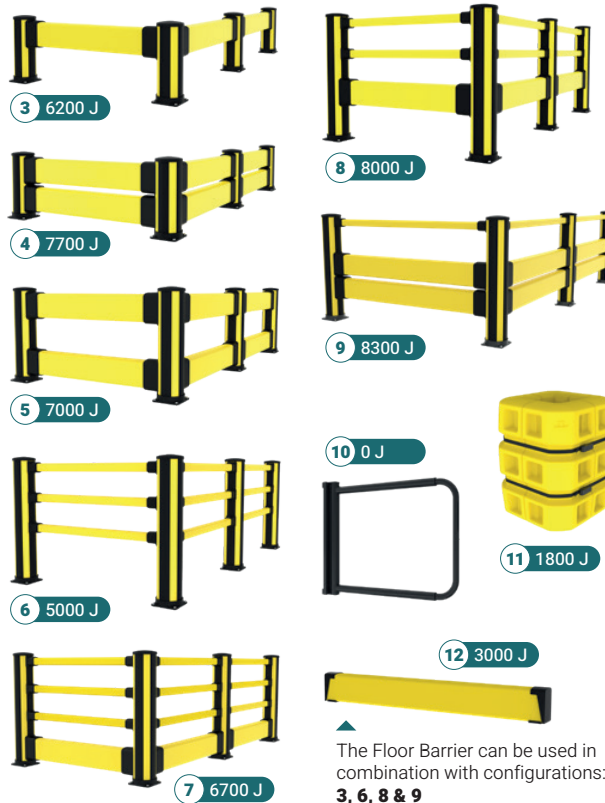
Operating temperature



Assembly



SCAN THE CODE TO
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 ASSEMBLY MANUALS



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

The Floor Barrier can be used in combination with configurations: **3, 6, 8 & 9**