

Essential Pedestrian with Three Rails

The X-Protect Essential Pedestrian Barrier with Three Rails provides added impact resistance and visibility for safe, well-defined walkways. Ideal for light-duty zones, it enhances separation between people and vehicles while keeping layouts open and efficient.



The Essential Pedestrian Barrier with Three Rails provides an enhanced level of protection for areas where additional height and visibility are required. Designed for light-duty impact zones, it creates safe, well-defined walkways while maintaining an open and efficient layout.

To further improve site safety, the Floor Barrier can be integrated into this configuration. It acts as a solid base element that reinforces the lower section of the system, offering additional protection against ground-level risks such as vehicle forks, pallets and debris. This combination provides a continuous barrier line that enhances both visibility and impact resistance while maintaining smooth traffic flow between zones.

Installation is quick and efficient, with minimal fixings required and no unnecessary stress on the floor surface.

Key features

- Fast to install

- Kind to the floor
- Easy to repair

Impact test results					
Area of impact	Load	Equivalent to		90° Deflection	Force to fixings
Centre of barrier C - C as below					
1500mm	2000 J	2500kg 4.6 km/h	1500kg 5.9 km/h	334mm	4.2kN
2000mm	2250 J	2500kg 4.8 km/h	1500kg 5.9 km/h	414mm	5.1 kN
Posts					
End post	1300 J	2500kg 3.7 km/h	1500kg 4.7 km/h	550mm	6.1kN
Mid post	1300 J	2500kg 3.7 km/h	1500kg 4.7 km/h	525mm	5.6kN

Modèles

Posts 3 articles

ARTICLES / DESCRIPTION	HAUTEUR (MM)	LONGUEUR (MM)	CC (MM)	AUTRE
 BEE0-117-00P3 End post	1170		2000	Compatible with the Floor Barrier
 BEM0-117-00P3 Mid post	1170		2000	Compatible with the Floor Barrier
 BCC0-116-00P3 Corner post	1160		2000	Compatible with the Floor Barrier

Hand rails 5 articles

ARTICLES / DESCRIPTION	HAUTEUR (MM)	LONGUEUR (MM)	CC (MM)	AUTRE
 RCP1-177-0200 Hand rail extrusion		1170	2000	
 RCP1-127-0150 Hand rail extrusion, C-C=1500mm, RAL 1018 yellow		1250	1500	
 RCP1-077-0100 Hand rail		770	1000	

	RCP1-047-0070 Hand rail	470	700
	RCP1-027-0050 Hand rail	270	500

Produits associés

X-PROTECT

Floor Barrier

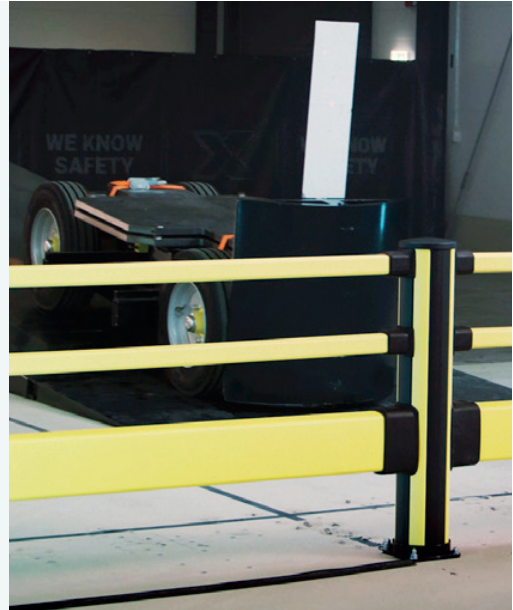


Conçue pour servir de solution autonome, elle améliore la protection des périmètres des bâtiments et des infrastructures contre les risques quotidiens liés aux fourches des véhicules, aux palettes...

17 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



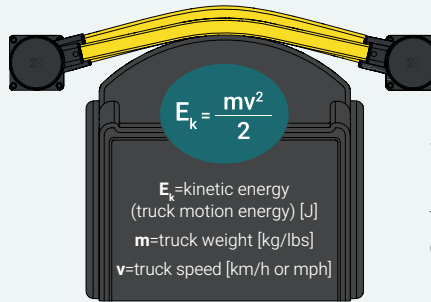
RAL 9011

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
6 km/h 3.7 mph	5020 J
8 km/h 5 mph	8880 J
12 km/h 7.5 mph	19960 J

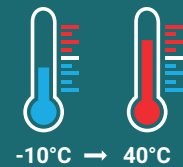


Speed	Load
6 km/h 3.7 mph	3770 J
8 km/h 5 mph	6660 J
12 km/h 7.5 mph	14970 J



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

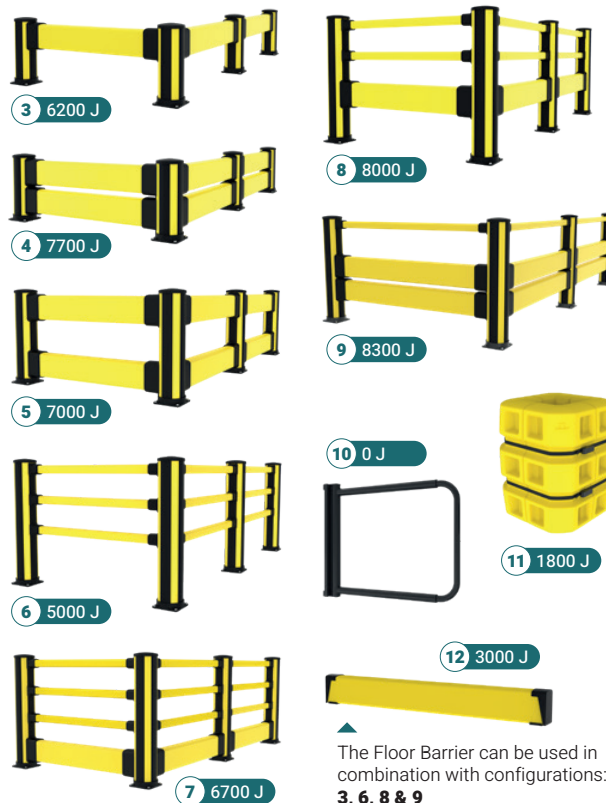
Operating temperature



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**