

The Multifunction Column Guard is designed to protect large building columns and pillars from impacts caused by forklifts and other material handling equipment. With asymmetrical on-site adjustment from 250-700mm, it can be tailored to fit various column sizes by simply cutting the rails.



Flexible protection for columns and pillars

The modular design allows for quick installation and easy repairs while ensuring a tight fit to save space. These guards are built to stop vehicles like forklifts, protect columns, and withstand heavy use. At the end of their life, they can be easily and guickly disassembled, and materials separated for sustainable disposal.

Key Features:

 Asymmetrical Adjustment: Accommodates widths from 250mm to 700mm, offering flexibility for various column sizes.

- **Customizable Dimensions:** Easily tailored by cutting the rails that form its sides, providing a precise fit for any environment.
- Impact Resistance: Effectively stops vehicles, such as forklifts, eliminating or minimizing damage.
- Floor Protection: Shields flooring around columns to maintain structural integrity.
- Ease of Installation and Repair: Designed for quick setup and effortless repairs when needed.
- End-of-Life Sustainability: Simplified disassembly and material separation for eco-friendly disposal.

Models

ARTICLES / DESCRIPTION		MIN WIDTH (MM)	MAX WIDTH (MM)	HEIGHT (MM)	COLOR
	CCP1-025		250	910	Zinc Yellow (RAL 1018)
	CCP1-025-0030	250	300	910	Zinc Yellow (RAL 1018)
	CCP1-025-0070	250	700	910	Zinc Yellow (RAL 1018)

Impact Protection



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.



- ✓ 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.



Technical Information



X-Protect components

These are the building blocks of our modular Impact Protection range.

BARRIERS & RAILS

Hand Rails



68 × 72 mm | 2 11/16" × 2 27/32" Length:

270 - 1770 mm | 10 5/8" - 69 11/16"

Impact Barriers



Width x Height:

116 × 220 mm | 4 9/16" x 8 21/32" Lenath:

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



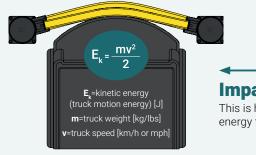
RAL 9011

X-Protect Standard Configurations



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

Load
5020 J
8880 J
19960 J

Loaded weight 2700 kg/ 5940 lbs

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

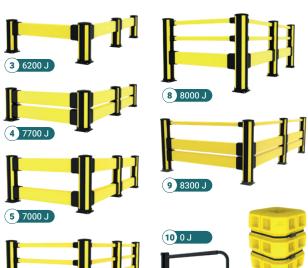
Loaded weight 2100 kg/ 4620 lbs

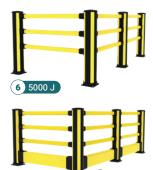
Speed	Load
6 km/h 3.7 mph	2930 J
8 km/h 5 mph	5180 J
12 km/h 7.5 mph	11670 J

Operating temperature









7 6700 J





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

DOWNLOAD OUR 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