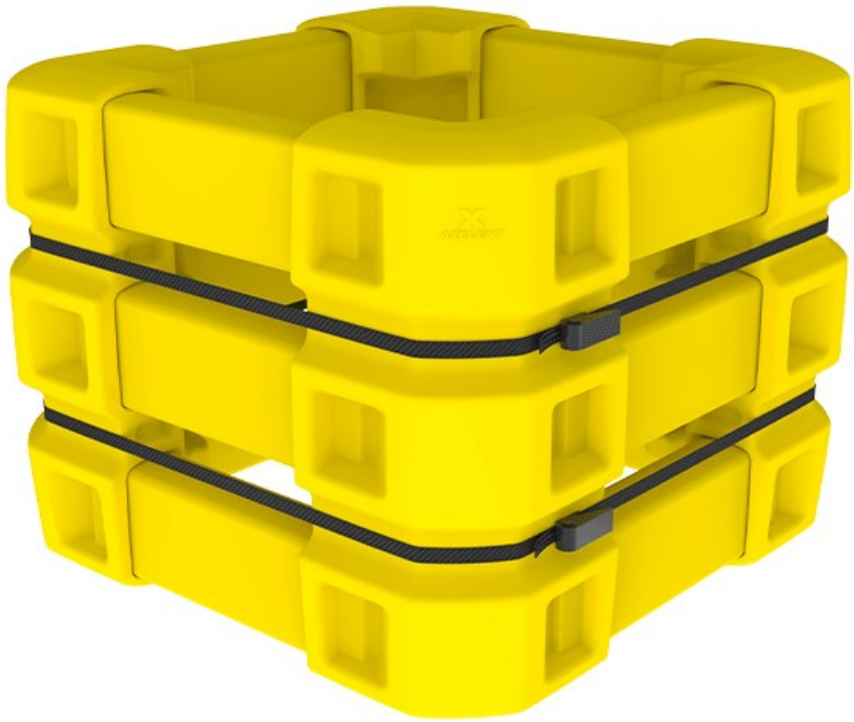
Multifunctional Column Guard

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 sizes.



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.

Impact test result

Test object	Load with truck rear	Load with truck fork
CCP1-025-0030	1800 J	1500 J

*1800 J is equivalent to 2500 kg 4,3 km/h or 1500 kg 5,6 km/h

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	731	910	Zinc Yellow (RAL 1018)
	**CCP1-025-0030**	250	778	910	Zinc Yellow (RAL 1018)
	**CCP1-025-0070**	300	1178	910	Zinc Yellow (RAL 1018)

Related products



COLUMN GUARDS

Large column guard

Axelent offer a larger column guard for the most flexible protection for larger columns. This guard is suitable for 400mm square columns as standard. There are also infills available to extend the...

3 articles

X-PROTECT

Technical Information

X-Protect components

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

BARRIERS & RAILS

Pedestrian Rails



Width x Height:
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"
Length:
270 - 2770 mm | 10 5/8" - 109 1/16"

POSTS & BOLLARDS



Classic
4 connection sides
Width:
200 mm
7 7/8"
Height:
350 – 1160 mm
13 13/16" – 45 11/16"

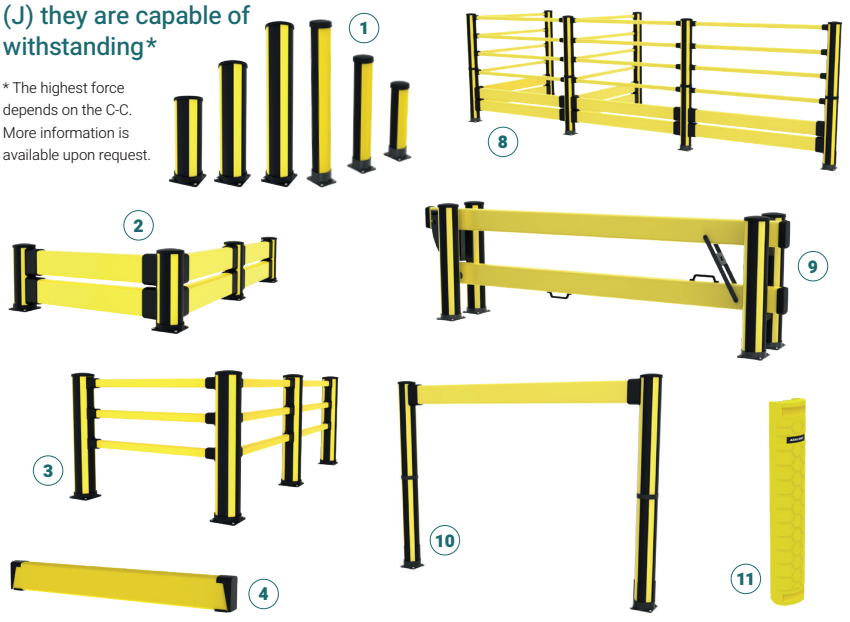
Essential
2 connection sides
Width:
132 mm
5 3/16"
Height:
620 – 1170 mm
24 7/16" – 46 1/16"

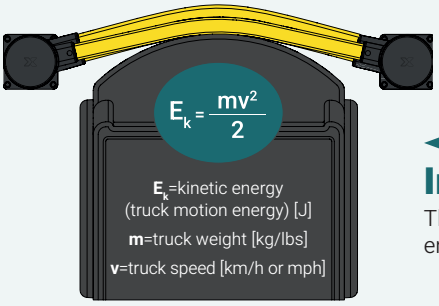


X-Protect Standard Configurations

+ the highest impact energy (J) they are capable of withstanding*

* The highest force depends on the C-C. More information is available upon request.





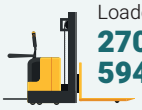
Impact testing

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



Loaded weight
3600 kg / 7930 lbs

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



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

Component Colours

RAL 1018 RAL 9011

Operating temperature

-10°C → 40°C

1. **Bollards**
   - Classic | 5220 J
   - Essential | 1500 J
2. **Impact Barriers**
   - Impact | 4500 J
   - Impact High | 6200 J
   - Double Impact Low | 7700 J
   - Double Impact High | 7000 J
3. **Pedestrian Rails**
   - Pedestrian | 5000 J
   - Essential Pedestrian | 2250 J
   - Essential Pedestrian 2 rail | 1700 J
   - Essential Pedestrian | 2250 J
4. **Floor Barrier** | 2250 J
   - Can be used both with Impact & Pedestrian configurations or as stand-alone protection.
5. **Pedestrian Rails + Impact Barriers**
   - Pedestrian + Impact | 6700 J
   - Pedestrian + Impact High | 8000 J
   - Pedestrian + Double Impact | 8300 J
   - Essential Pedestrian + Impact High | 3100 J
6. **Pedestrian Gate** | 0 J
7. **Column Guard** | 1800 J
8. **Topple Barriers**
   - Pedestrian | 5250 J
   - Impact | 6200 J
9. **Dock Gate** | 10200 J
10. **Height Restrictors**
    - Goal Post | 4200 J
    - Height Guard
11. **Upright Protector**