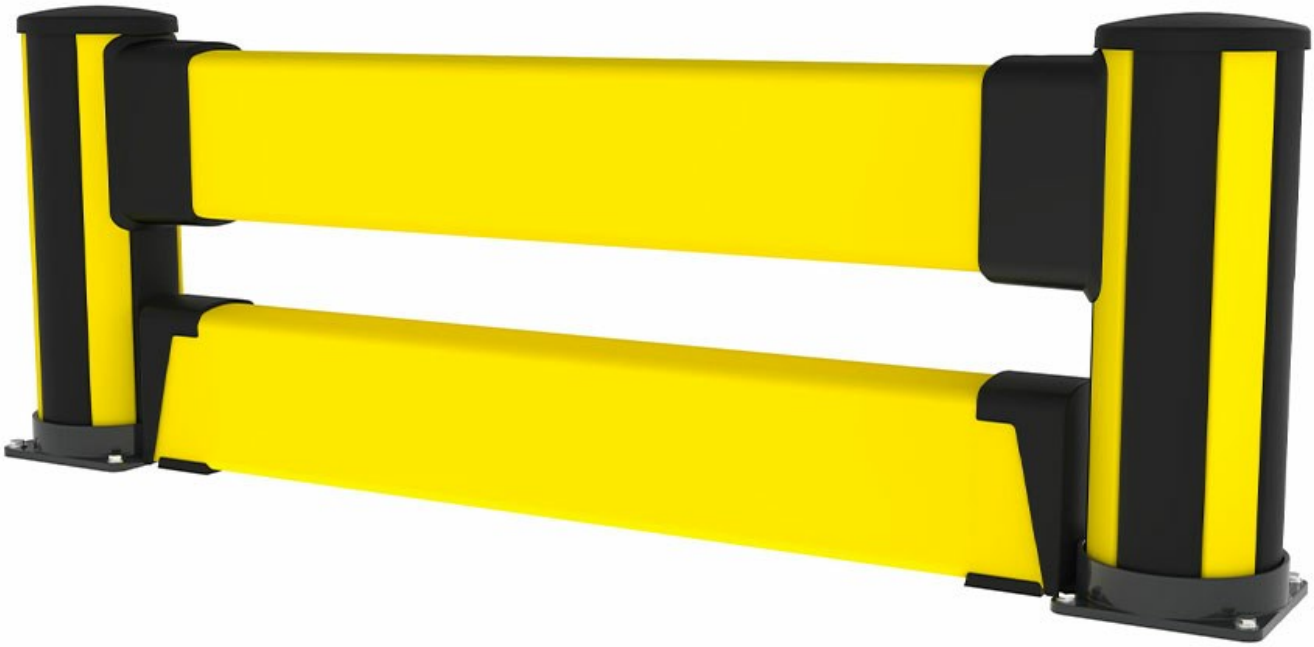
Impact High with Floor Barrier

The Impact High with Floor Barrier is an innovative solution designed to offer pallet racking end-frame protection and perimeter security within your workspace. This system combines the benefits of the Impact High and the Floor Barrier, specifically engineered to absorb significant impacts from vehicle forks, AMRs, AGVs, and other low-height hazards, ensuring the safety of your assets and infrastructure.



The Impact High with Floor Barrier is ideal for safeguarding vital infrastructure from the everyday risks associated with vehicle forks and pallets in transit. Its design increases the durability and safety of your facility, helping to maintain operational continuity against specific challenges posed by fork-equipped vehicles.
Installation of the Impact High with Floor Barrier is streamlined and minimally invasive, with a low fixing count and spanning up to 3.2 meters in a single section.

Moreover, the system's adaptability is a key feature, equipped with push-fit parts and heavy-duty expansion bolts for easy assembly. Our drilling template facilitates quick adjustments, allowing the system to adapt to the evolving safety requirements of your workspace.

Models

Posts 3 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 **BCC1-061-I100** Impact High corner	610			Zinc Yellow (RAL 1018)
 **BCC0-061-I100** Impact High corner	610			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
 **BCM0-061-I100** Impact High mid	610			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)

Impact Rails 9 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 **RCI1-027-0050** Impact rail		270	500	Zinc Yellow (RAL 1018)
 **RCI1-047-0070** Impact rail		470	700	Zinc Yellow (RAL 1018)
 **RCI1-067-0090** Impact rail		670	900	Zinc Yellow (RAL 1018)
 **RCI1-077-0100** Impact rail		770	1000	Zinc Yellow (RAL 1018)
 **RCI1-127-0150** Impact rail		1270	1500	Zinc Yellow (RAL 1018)
 **RCI1-177-0200** Impact rail		1770	2000	Zinc Yellow (RAL 1018)
 **RCI1-197-0220** Impact rail		1970	2200	Zinc Yellow (RAL 1018)
 **RCI1-227-0250** Impact rail		2270	2500	Zinc Yellow (RAL 1018)
 **RCI1-277-0300** Impact rail		2770	3000	Zinc Yellow (RAL 1018)

End packs 2 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
 **FCE3-022-I100-2** Floor barrier end - 2 pack	221			Graphite Black (RAL 9011)
 **FCE3-022-I100-10** Floor barrier end - 10 pack	221			Graphite Black (RAL 9011)

Related products



Pedestrian with Floor Barrier

Improve your workspace's safety and pedestrian and traffic flows with the configuration Pedestrian with Floor Barrier. Designed to efficiently segregate pedestrian walkways from vehicular routes, i...

21 articles



IMPACT PROTECTION

Floor Barrier

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

11 articles



X-PROTECT IMPACT PROTECTION

Impact high

Use the X-Protect Impact High Barrier for high level impact protection. It is ideal for segregating light weight vehicles or defining warehouse zones. Our modular rails and bollards allow for damag...

13 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"

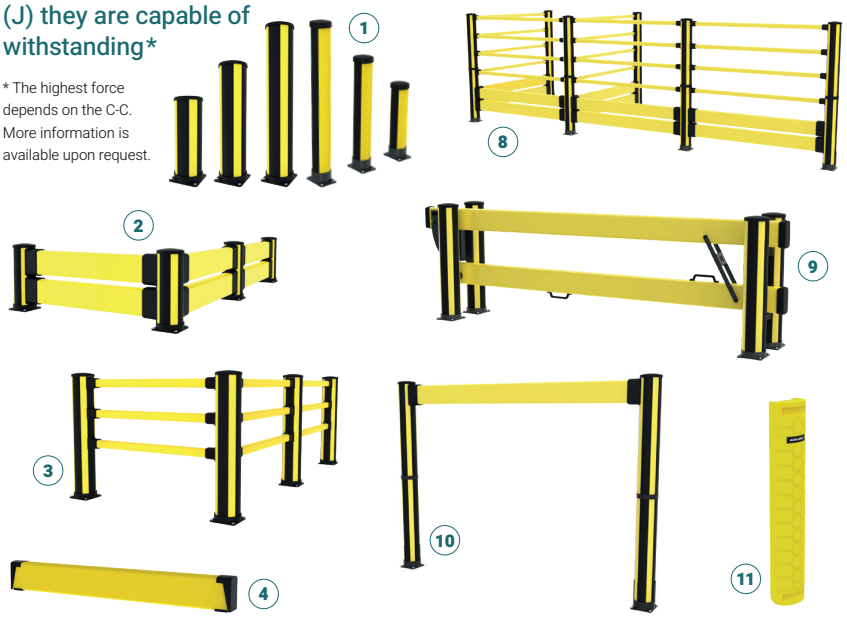
Essential
2 connection sides
Width:
132 mm
5 3/16"
Height:
620 – 1170 mm
24 7/16" – 46 1/16"

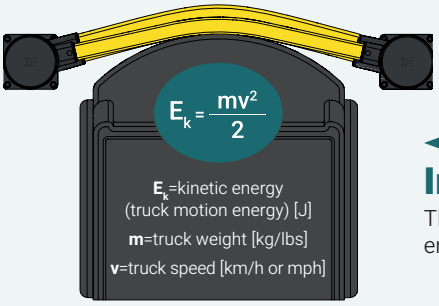


X-Protect Standard Configurations

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

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





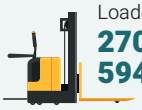
Impact testing

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**