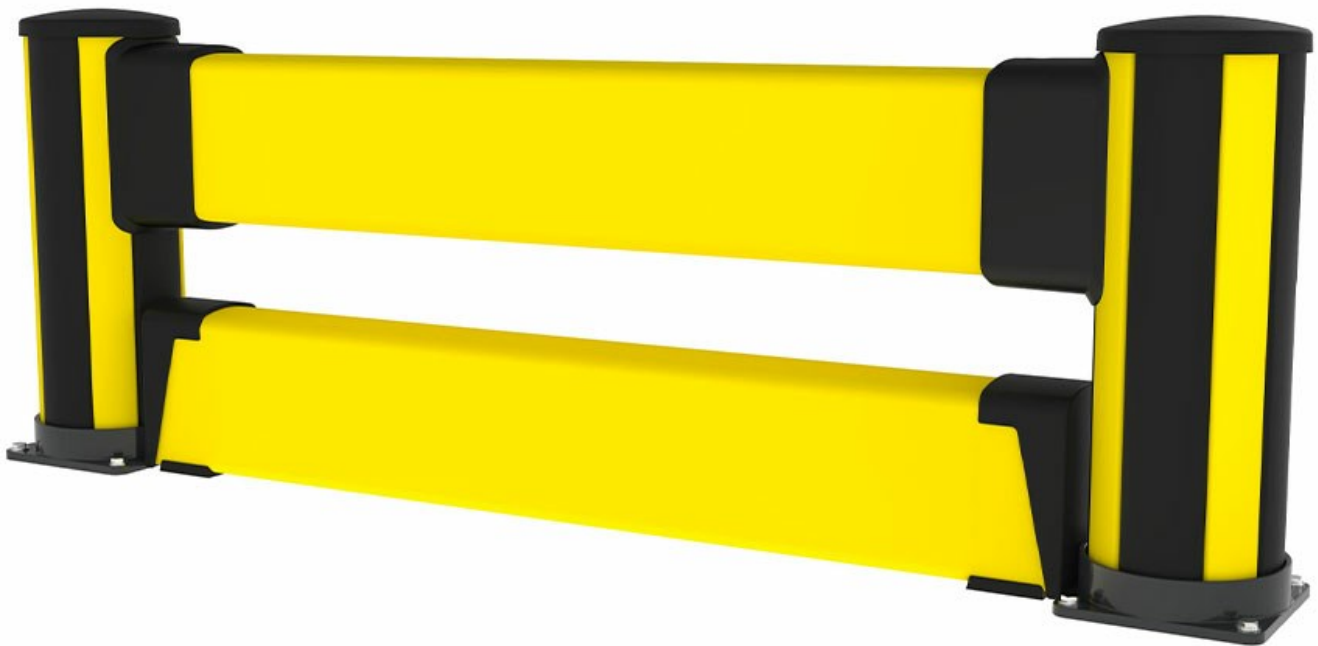


# Impact High with Floor Barrier

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   |
|--|-------------|-------------|---------|---|
|  <b>BCC1-061-I100</b><br>Impact High corner | 610         |             |         | Zinc Yellow (RAL 1018)                              |
|  <b>BCC0-061-I100</b><br>Impact High corner | 610         |             |         | Zinc Yellow (RAL 1018)<br>Graphite Black (RAL 9011) |
|  <b>BCM0-061-I100</b><br>Impact High mid    | 610         |             |         | Zinc Yellow (RAL 1018)<br>Graphite Black (RAL 9011) |

## Impact Rails 9 articles

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

## End packs 2 articles

| ARTICLES / DESCRIPTION   | HEIGHT (MM) | LENGTH (MM) | CC (MM) | COLOR                     |
|--|-------------|-------------|---------|---------------------------|
|  <b>FCE3-022-I100-2</b><br>Floor barrier end - 2 pack   | 221         |             |         | Graphite Black (RAL 9011) |
|  <b>FCE3-022-I100-10</b><br>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 components

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

### BARRIERS & RAILS

#### Pedestrian 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

**Classic**  
4 connection sides

Height: 350 – 1160 mm  
13 13/16" – 45 11/16"

Width: 200 mm  
7 7/8"

**Essential**  
2 connection sides

Height: 620 – 1170 mm  
24 7/16" – 46 1/16"

Width: 132 mm  
5 3/16"

## 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**

Loaded weight  
**2700 kg / 5940 lbs**

Loaded weight  
**2100 kg / 4620 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 |

| 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 |

### 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