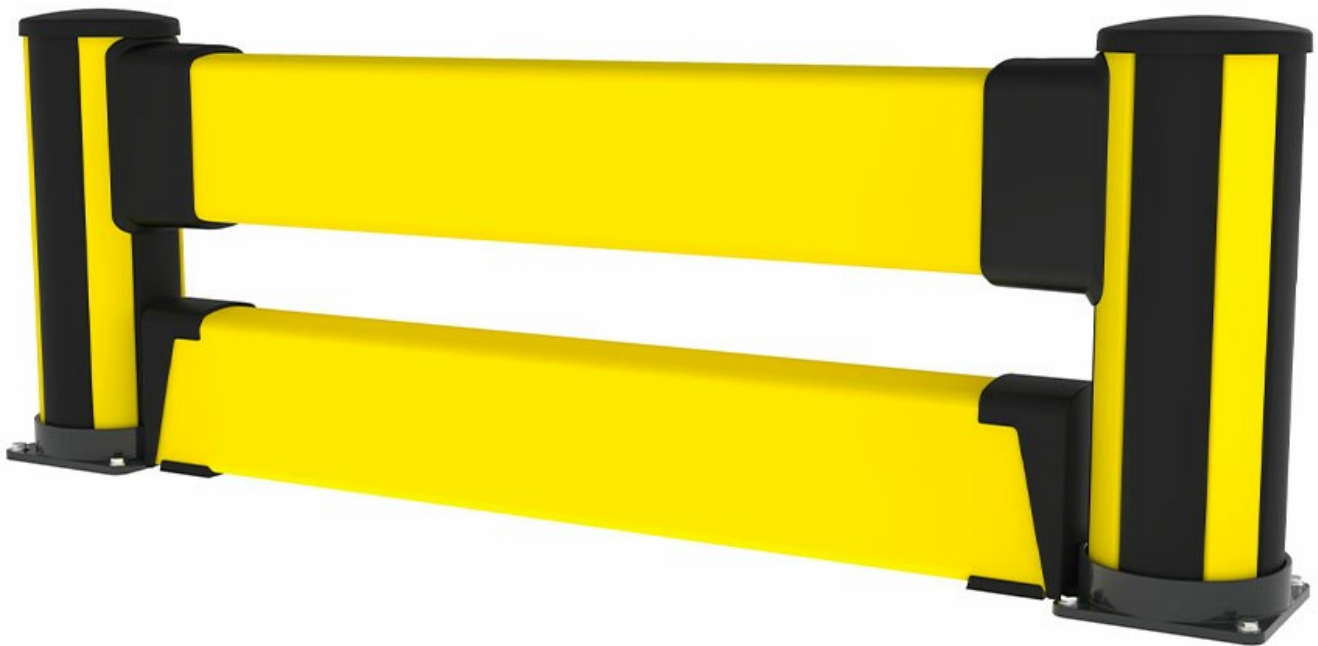


# Impact High with Floor Barrier

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 6 articles



ARTICLES / DESCRIPTION		HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
	<b>BCC1-061-I100</b> Impact High corner	610			Zinc Yellow (RAL 1018)
	<b>BCC0-061-I100</b> Impact High corner	610			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
	<b>BCM1-061-I100</b> Impact High mid	610			Zinc Yellow (RAL 1018)
	<b>BCM0-061-I100</b> Impact High mid	610			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
	<b>BCE1-061-I100</b> Impact High end	610			Zinc Yellow (RAL 1018)
	<b>BCE0-061-I100</b> Impact High end	610			Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)

## Impact Rails 15 articles

ARTICLES / DESCRIPTION		HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
	<b>RCI1-277-0300</b> Impact rail		2770	3000	Zinc Yellow (RAL 1018)
	<b>RCI1-227-0250</b> Impact rail		2270	2500	Zinc Yellow (RAL 1018)
	<b>RCI1-177-0200</b> Impact rail		1770	2000	Zinc Yellow (RAL 1018)
	<b>RCI1-127-0150</b> Impact rail		1270	1500	Zinc Yellow (RAL 1018)
	<b>RCI1-077-0100</b> Impact rail		770	1000	Zinc Yellow (RAL 1018)
	<b>RCI1-047-0070</b> Impact rail		470	700	Zinc Yellow (RAL 1018)

	<b>RCI1-027-0050</b> Impact rail	270	500	Zinc Yellow (RAL 1018)
	<b>RCI1-064-0087</b> Impact rail	640	870	Zinc Yellow (RAL 1018)
	<b>RCI1-067-0090</b> Impact rail	670	900	Zinc Yellow (RAL 1018)
	<b>RCI1-197-0220</b> Impact rail	1970	2200	Zinc Yellow (RAL 1018)
	<b>RCI1-201-0224</b> Impact rail	2010	2240	Zinc Yellow (RAL 1018)
	<b>RCI1-074-0097</b> Impact rail	740	970	Zinc Yellow (RAL 1018)
	<b>RCI1-207-0230</b> Impact rail	2070	2300	Zinc Yellow (RAL 1018)
	<b>RCI1-211-0234</b> Impact rail	2110	2340	Zinc Yellow (RAL 1018)
	<b>RCI1-217-0240</b> Impact rail	2170	2400	Zinc Yellow (RAL 1018)

## End packs 2 articles

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

## Related products

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### IMPACT BARRIERS

#### 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...

[21 articles](#)



### PEDESTRIAN BARRIERS

#### 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...

[27 articles](#)



### X-PROTECT

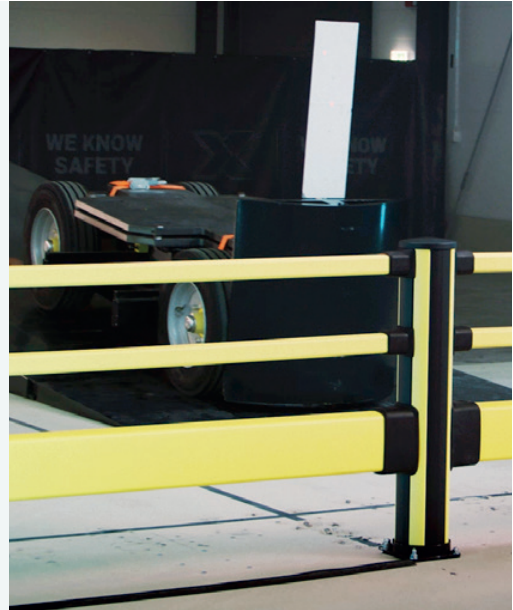
#### Standalone Floor Barrier

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

[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



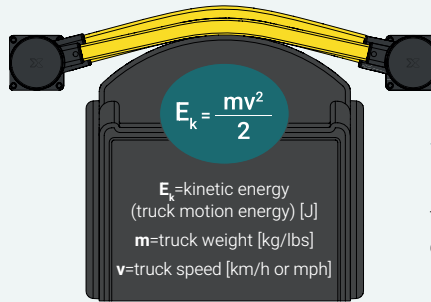
RAL 9011

## 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.



Loaded weight  
**3600 kg / 7930 lbs**



Loaded weight  
**2700 kg / 5940 lbs**



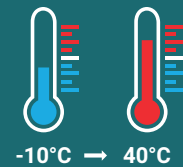
Loaded weight  
**2100 kg / 4620 lbs**

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

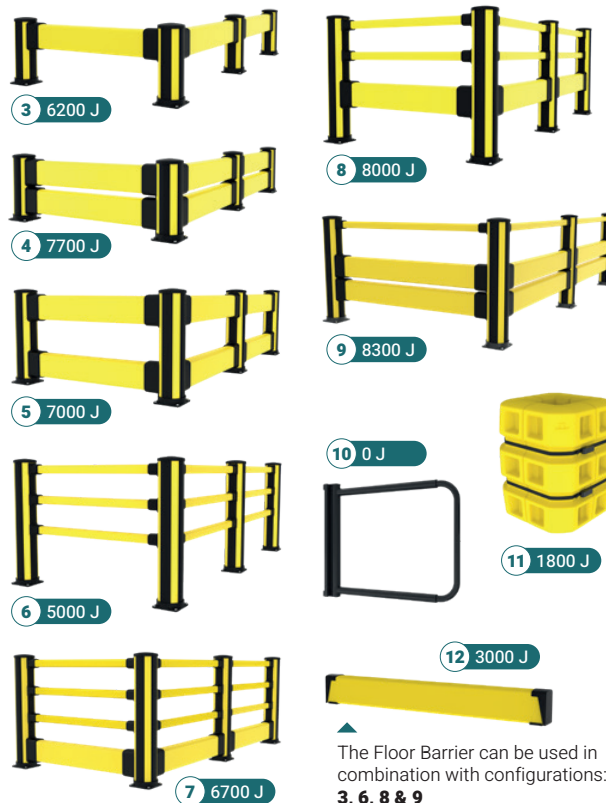
## Operating temperature



## Assembly



SCAN THE CODE TO  
 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
12. Floor Barrier

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