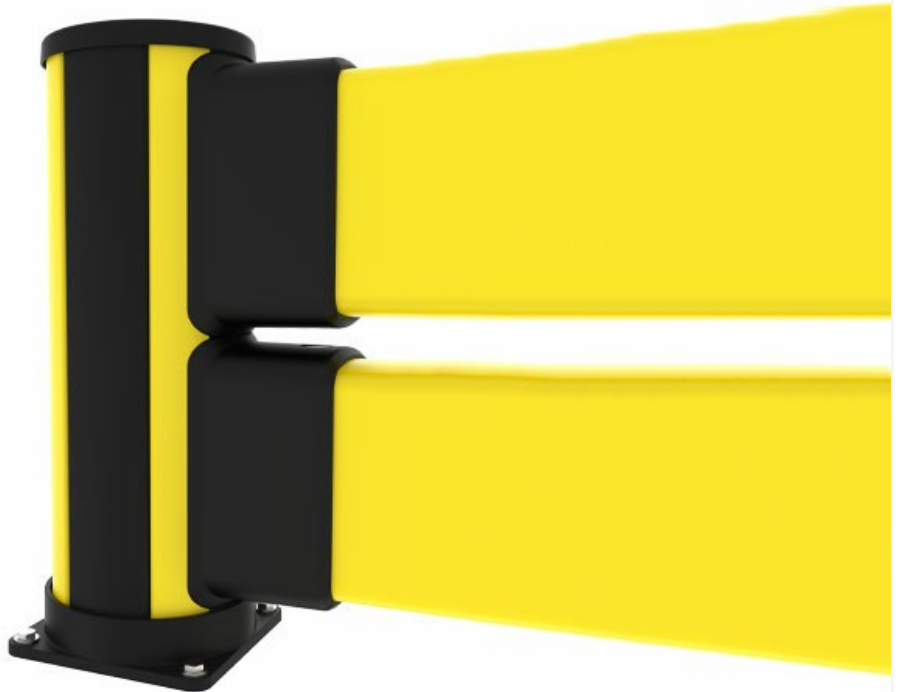


Double impact low

Use the X-Protect Double Impact Low Barrier configuration to protect structures from ground level, heavy duty impacts. It is one of our strongest Impact protection configurations and also ideal for protecting pallet racking.







Our modular rails and bollards allow for damaged or worn parts to be replaced at a component level. If you need to replace any component - it is just a slide away.





X-Protect is a unique approach to safety barriers. Unrivalled modularity, using only a few system components and damping that is built in to create a barrier system that changes with your work place. X-Protect allows rapid transformation, repair or replacement of existing barriers and bespoke configurations are limitless.




Models

Posts 6 articles

ARTICLES / DESCRIPTION		HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
	BCE0-061-I200 Double Impact Low end	610			Zinc Yellow Graphite Black
	BCE1-061-I200 Double Impact Low end	610			Zinc Yellow
	BCM0-061-I200 Double Impact Low mid	610			Zinc Yellow Graphite Black
	BCM1-061-I200 Double Impact Low mid	610			Zinc Yellow
	BCC0-061-I200 Double Impact Low corner	610			Zinc Yellow Graphite Black
	BCC1-061-I200 Double Impact Low corner	610			Zinc Yellow

Impact rails 15 articles

ARTICLES / DESCRIPTION		HEIGHT (MM)	LENGTH (MM)	CC (MM)	COLOR
	RCI1-027-0050 Impact rail		270	500	Zinc Yellow
	RCI1-047-0070 Impact rail		470	700	Zinc Yellow
	RCI1-077-0100 Impact rail		770	1000	Zinc Yellow
	RCI1-127-0150 Impact rail		1270	1500	Zinc Yellow
	RCI1-177-0200 Impact rail		1770	2000	Zinc Yellow
	RCI1-227-0250 Impact rail		2270	2500	Zinc Yellow

	RCI1-277-0300 Impact rail	2770	3000	Zinc Yellow
	RCI1-064-0087 Impact rail	640	870	Zinc Yellow
	RCI1-067-0090 Impact rail	670	900	Zinc Yellow
	RCI1-197-0220 Impact rail	1970	2200	Zinc Yellow
	RCI1-201-0224 Impact rail	2010	2240	Zinc Yellow
	RCI1-074-0097 Impact rail	740	970	Zinc Yellow
	RCI1-207-0230 Impact rail	2070	2300	Zinc Yellow
	RCI1-211-0234 Impact rail	2110	2340	Zinc Yellow
	RCI1-217-0240 Impact rail	2170	2400	Zinc Yellow

Related products



IMPACT BARRIERS

Impact

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

[21 articles](#)



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](#)



IMPACT BARRIERS

Double impact

Use the X-Protect Double Impact Barrier configuration to protect structures from high level, heavy duty impacts. It is one of our strongest Impact protection configurations. Our modular rails and b...

[21 articles](#)



PEDESTRIAN BARRIERS

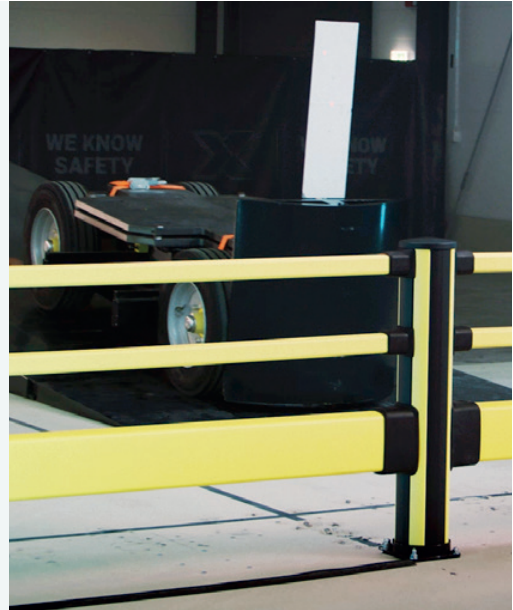
Pedestrian with impact

Use the X-Protect Pedestrian + Impact barrier configuration to protect walkways from medium duty vehicles where there is an increased risk of ground level impacts. It is also possible to combine wi...

[19 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



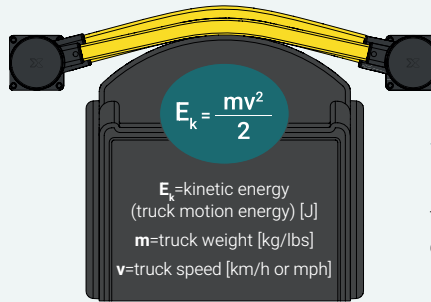
RAL 9011

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



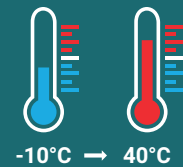
Loaded weight
2100 kg / 4620 lbs

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

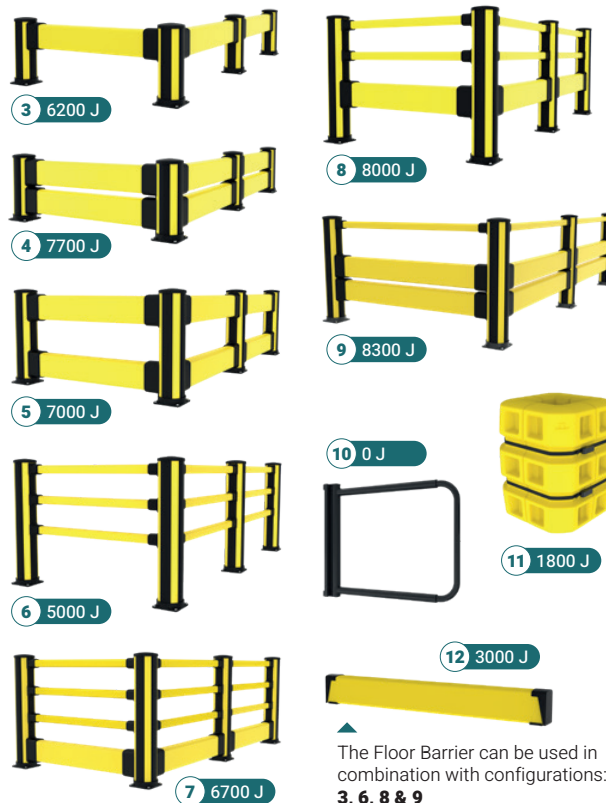
Operating temperature



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**