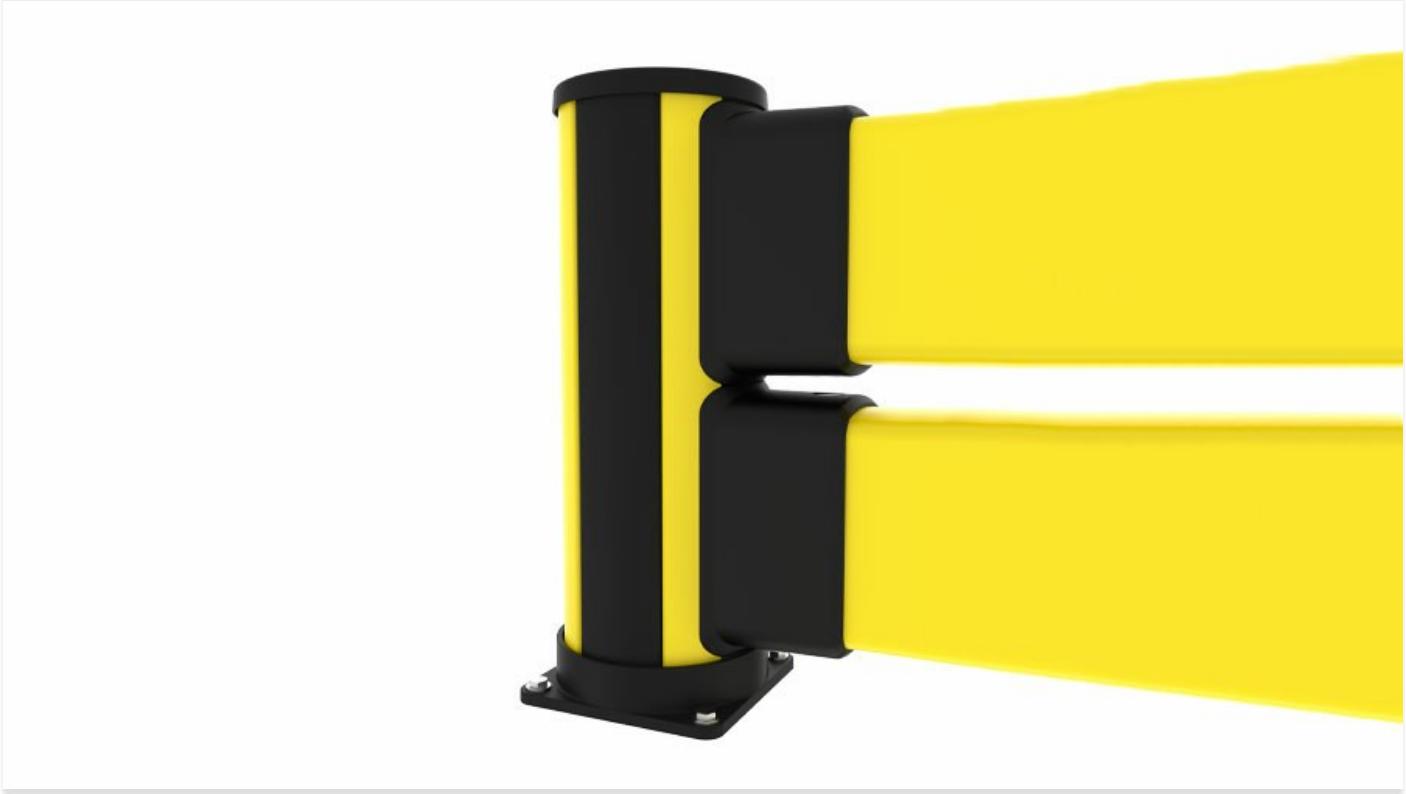
Dobbelt kollisionssbarriere, lav

Brug dobbelt kollisionssbarriere, lav-konfigurationen til at beskytte konstruktioner mod kraftige påvirkninger i gulvhøjde. Det er en af vores stærkeste konfigurationer af kollisionsbeskyttelse. Den er ideel til beskyttelse af pallereoler.

Vores modulære skinner og pullerter gør det muligt at udskifte beskadigede eller slidte dele på komponentniveau. Hvis du har brug for at udskifte en komponent - kan den blot skydes på plads.



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.

Impact test results					
Area of impact	*Load*	*Equivalent to*		*90° Deflection*	*Force to fixings*
Centre of barrier C - C as below					
2000mm	7700 J	2500 kg 8.9 km/h	5000 kg 6.3 km/h	296mm	11,2 kN
2500mm	7000 J	2500 kg 8.5 km/h	5000 kg 6 km/h	371mm	9,9 kN
3000mm	6700 J	2500 kg 8.3 km/h	5000 kg 5.8 km/h	424mm	7,5 kN
Posts					
End post	5800 J	2500 kg 7.7 km/h	5000 kg 5.4 km/h	NA *	15.3 kN
Mid post	5800 J	2500 kg 7.7 km/h	5000 kg 5.4 km/h	NA *	15.5 kN

* Deflection of posts is equivalent or less than that of the rail/s and is not considered to be critical for product selection. Performance is tested at height of the lowest rail. The post will perform better for lower strikes and deflection.

Modeller

Posts 3 artikler

ARTIKLER / BESKRIVELSE	HØJDE (MM)	LÆNGDE (MM)	CC (MM)	FARVE
	610		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)	
	610		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)	
	610		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)	

Impact rails 9 artikler

ARTIKLER / BESKRIVELSE	HØJDE (MM)	LÆNGDE (MM)	CC (MM)	FARVE
	270	500	Zinc Yellow (RAL 1018)	
	470	700	Zinc Yellow (RAL 1018)	

	670	900	Zinc Yellow (RAL 1018)
	770	1000	Zinc Yellow (RAL 1018)
	1270	1500	Zinc Yellow (RAL 1018)
	1770	2000	Zinc Yellow (RAL 1018)
	1970	2200	Zinc Yellow (RAL 1018)
	2270	2500	Zinc Yellow (RAL 1018)
	2770	3000	Zinc Yellow (RAL 1018)

Relaterede produkter



CLASSIC SIKKERHEDSVÆRN

Sikkerhedsværn med barriere

Brug sikkerhedsværn med barriere til at beskytte gangbaner mod mellemstore køretøjer, hvor der er en øget risiko for kollisioner i gulvniveau.Denne konfiguration er kompatibel med gulvbarrieren.

16 artikler



KOLLISIONSVÆRN

Kollisionssbarriere

Brug kollisionssbarriere til beskyttelse ved gulvniveau. Den er ideel til adskillelse af lette køretøjer og definere lagerzoner. Vores modulære skinner og pullerter gør det muligt at udskifte...

12 artikler



KOLLISIONSVÆRN

Kollisionssbarriere, høj

Brug kollisionssbarriere, høj til beskyttelse i større højder. Den er ideel til adskillelse af lette køretøjer og definere lagerzoner.Vores modulære skinner og pullerter gør det muligt at udskifte...

13 artikler



KOLLISIONSVÆRN

Dobbelt kollisionssbarriere

Brug Dobbelt kollisionssbarriere-konfigurationen til at beskytte konstruktioner modkraftige påvirkninger i større højde. Det er en af vores stærkeste konfigurationer af kollisionsbeskyttelse. ...

12 artikler

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"

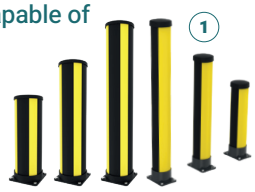
Essential
2 connection sides
Width:
132 mm
5 3/16"
Height:
620 – 1170 mm
24 7/16" – 46 1/16"

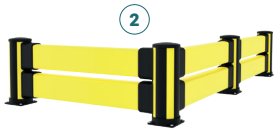


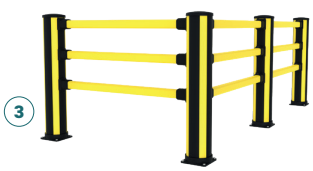
X-Protect Standard Configurations

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

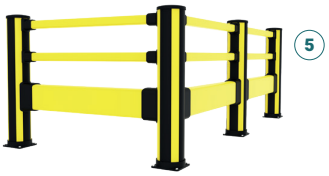
* The highest force depends on the C-C. More information is available upon request.





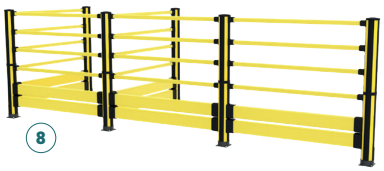


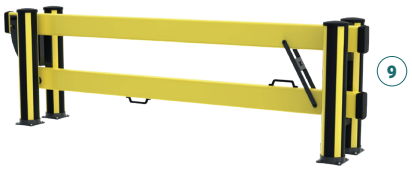






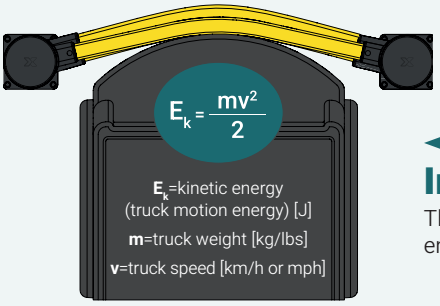












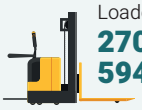
Impact testing

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**