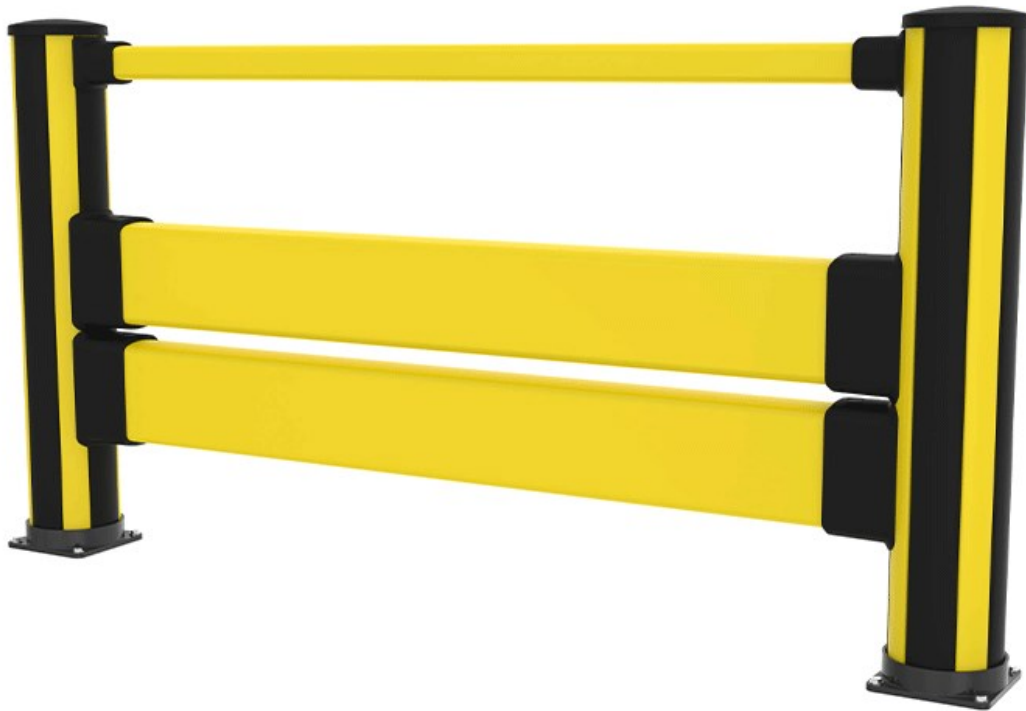


Pedestrian with Double Impact

Protect walkways and infrastructure with Pedestrian with Double Impact from medium duty, high level impacts where there is a reduced risk of ground level impacts. The built-in damping and modular components enable quick reconfiguration, ensuring optimal safety for changing environments.



When should you use the Pedestrian with Double Impact configuration?

The Pedestrian with Double Impact configuration protects walkways and infrastructure from medium-duty, high-level impacts where ground-level risk is lower. It can be easily integrated with a self-closing pedestrian gate, equipped with a universal handle and adjustable width (690–1210 mm).

This impact protection system offers a unique approach to safety barriers. It offers modularity, relying on few system components and incorporating built-in damping to create a barrier solution that adapts to your workplace. The system supports rapid transformation, repair, or replacement of existing barriers, and bespoke configurations have no limits.

| Impact test results | | | | | |
|----------------------------------|--------|---------------------|---------------------|----------------|------------------|
| Area of impact | Load | Equivalent to | | 90° deflection | Force to fixings |
| Centre of barrier C - C as below | | | | | |
| 2000mm | 8300 J | 2500 kg 9.3 km/h | 5000 kg 6.4 km/h | 380mm | 11.2 kN |
| Posts | | | | | |
| End post | 2400 J | 2500 kg 5 km/h | 5000 kg 3.5 km/h | NA * | 9.3 kN |
| Mid post | 2550 J | 2500 kg 5.1 km/h | 5000 kg 3.7 km/h | NA * | 12.7 kN |





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

Modelle

Posts 3 artikel

| ARTIKEL / BESCHREIBUNG | MIN BREITE (MM) | HÖHE (MM) | LÄNGE (MM) | CC (MM) | FARBE |
|---|-----------------|-----------|------------|---------|---|
|  BCE0-116-I2P1 End post | | 1160 | | | Zinc Yellow (RAL 1018) Graphite Black (RAL 9011) |
|  BCM0-116-I2P1 Mid post | | 1160 | | | Zinc Yellow (RAL 1018) Graphite Black (RAL 9011) |
|  BCC0-116-I2P1 Corner post | | 1160 | | | Zinc Yellow (RAL 1018) Graphite Black (RAL 9011) |

Impact rails 5 artikel

| ARTIKEL / BESCHREIBUNG | MIN BREITE (MM) | HÖHE (MM) | LÄNGE (MM) | CC (MM) | FARBE |
|--|-----------------|-----------|------------|---------|------------------------|
|  RCI1-027-0050 | | | 270 | 500 | Zinc Yellow (RAL 1018) |
|  RCI1-047-0070 | | | 470 | 700 | Zinc Yellow (RAL 1018) |
|  RCI1-077-0100 | | | 770 | 1000 | Zinc Yellow (RAL 1018) |
|  RCI1-127-0150 | | | 1270 | 1500 | Zinc Yellow (RAL 1018) |



RCI1-177-0200

1770


2000

Zinc Yellow (RAL 1018)

Hand rails 5 artikel

| ARTIKEL / BESCHREIBUNG | MIN BREITE (MM) | HÖHE (MM) | LÄNGE (MM) | CC (MM) | FARBE |
|--|-----------------|-----------|------------|---------|------------------------|
|  RCP1-027-0050 | | | 270 | 500 | Zinc Yellow (RAL 1018) |
|  RCP1-047-0070 | | | 470 | 700 | Zinc Yellow (RAL 1018) |
|  RCP1-077-0100 | | | 770 | 1000 | Zinc Yellow (RAL 1018) |
|  RCP1-127-0150 | | | 1270 | 1500 | Zinc Yellow (RAL 1018) |
|  RCP1-177-0200 | | | 1770 | 2000 | Zinc Yellow (RAL 1018) |

Gate 1 artikel

| ARTIKEL / BESCHREIBUNG | MIN BREITE (MM) | HÖHE (MM) | LÄNGE (MM) | CC (MM) | FARBE |
|--|-----------------|-----------|------------|---------|---------------------------|
|  GCP3-069-0121 Pedestrian gate 690-1210mm | | | | | Graphite Black (RAL 9011) |

Verwandte Produkte



Fußgänger-Barriere

Verwenden Sie die Fußgänger-Barriere, um Fußgängerwege zu definieren und vor leichten Stößen zu schützen.

9 artikel



Fußgänger-Barriere + Rammschutz "High"

Verwenden Sie die Konfiguration aus Fußgänger-Barriere + Rammschutz „High“, um Fußgängerwege vor mittelschweren Fahrzeugen zu schützen, bei denen ein geringes Aufprallrisiko in Bodennähe besteht. D...

16 artikel



X-PROTECT PEDESTRIAN

Fußgänger-Tür

Links oder rechts montierbar, selbstschließend und in der Breite von 690 mm bis 1210 mm verstellbar.

1 artikel

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
Width: 200 mm | 13 13/16" – 7 7/8" | 45 11/16"

Essential
2 connection sides

Height: 620 – 1170 mm
Width: 132 mm | 24 7/16" – 5 3/16" | 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

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