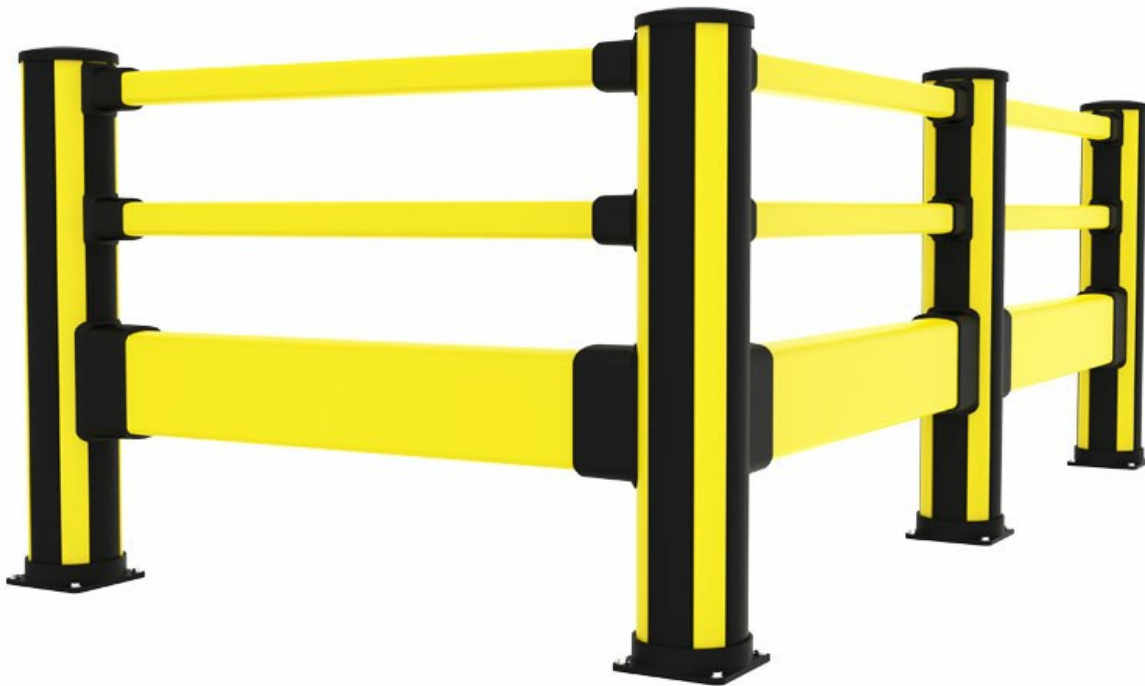


# Pedestrian Barrier met Impact High

Gebruik de Pedestrian Barrier met Impact High barrière configuratie om wandelpaden te beschermen tegen middelzware voertuigen met een verminderd risico op impact vanaf de grond. Het is ook mogelijk om dit te combineren met een voetgangerspoort. De voetgangerspoort is zelfsluitend, voorzien van een universele handgreep en in breedte verstelbaar van 690-1210 mm.



X-Protect is een unieke benadering van veiligheidsbarrières. Ongeëvenaarde modulariteit, met alleen een paar systeemcomponenten en demping die is ingebouwd om een barrièresysteem te creëren dat verandert met uw werkplek. X-Protect stelt snelle transformatie, reparatie of vervanging van bestaande barrières mogelijk en op maat gemaakte configuraties zijn onbeperkt.

| Impact testresultaten                        |        |                     |                     |               |                         |
|----------------------------------------------|--------|---------------------|---------------------|---------------|-------------------------|
| Impactgebied                                 | Last   | Equivalent aan      |                     | 90° Deflectie | Kracht op bevestigingen |
| Centre van de barrière C - C zoals hieronder |        |                     |                     |               |                         |
| 2000mm                                       | 8000 J | 2500 kg<br>9.1 km/h | 5000 kg<br>6.4 km/h | 436 mm        | 5.5 kN                  |
| Posten                                       |        |                     |                     |               |                         |
| Eindpost                                     | 1850 J | 2500 kg<br>4.4 km/h | 5000 kg<br>3.1 km/h | NA *          | 11.6 kN                 |
| Middenpost                                   | 1850 J | 2500 kg<br>4.4 km/h | 5000 kg<br>3.1 km/h | NA *          | 12.7 kN                 |

\* De deflectie van de posten is gelijk of minder dan die van de rail/s en wordt niet als kritisch beschouwd voor productselectie. Prestaties worden getest op de hoogte van de laagste rail. De post zal beter presteren bij lagere

slagen en deflectie.

## Models

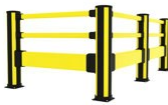
### Palen 3 articles

| ARTICLES / DESCRIPTION                                                            |                                                             | HEIGHT (MM) | LENGTH (MM) | CC (MM) | COLOR                                               |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------|-------------|-------------|---------|-----------------------------------------------------|
|  | <b>BCC0-116-I1P2</b><br>Pedestrian + Impact High hoekpaal   | 1160        |             |         | Zinc Yellow (RAL 1018)<br>Graphite Black (RAL 9011) |
|  | <b>BCM0-116-I1P2</b><br>Pedestrian + Impact High middenpaal | 1160        |             |         | Zinc Yellow (RAL 1018)<br>Graphite Black (RAL 9011) |
|  | <b>BCE0-116-I1P2</b><br>Pedestrian + Impact High eindpaal   | 1160        |             |         | Zinc Yellow (RAL 1018)<br>Graphite Black (RAL 9011) |

### Impactrails 7 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>RCI1-077-0100</b><br>Impact rail |             | 770         | 1000    | Zinc Yellow (RAL 1018) |
|  | <b>RCI1-277-0300</b><br>Impact rail |             | 2770        | 3000    | 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>RCI1-227-0250</b><br>Impact rail |             | 2270        | 2500    | Zinc Yellow (RAL 1018) |

## Handrails 5 articles

| ARTICLES / DESCRIPTION                                                                                             | HEIGHT (MM) | LENGTH (MM) | CC (MM) | COLOR                  |
|--------------------------------------------------------------------------------------------------------------------|-------------|-------------|---------|------------------------|
|  <b>RCP1-027-0050</b><br>Handrail |             | 270         | 500     | Zinc Yellow (RAL 1018) |
|  <b>RCP1-047-0070</b><br>Handrail |             | 470         | 700     | Zinc Yellow (RAL 1018) |
|  <b>RCP1-077-0100</b><br>Handrail |             | 770         | 1000    | Zinc Yellow (RAL 1018) |
|  <b>RCP1-127-0150</b><br>Handrail |             | 1270        | 1500    | Zinc Yellow (RAL 1018) |
|  <b>RCP1-177-0200</b><br>Handrail |             | 1770        | 2000    | Zinc Yellow (RAL 1018) |

## Poort 1 articles

| ARTICLES / DESCRIPTION                                                                                                                    | HEIGHT (MM) | LENGTH (MM) | CC (MM) | COLOR |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|---------|-------|
|  <b>GCP8-069-0121</b><br>Voetgangerspoort, 690-1210 mm |             |             |         |       |

## Related products

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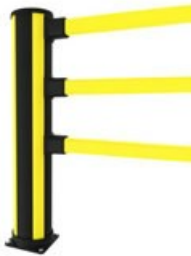


### CLASSIC PEDESTRIAN

#### Pedestrian Barrier met Impact

Gebruik de configuratie PPedestrian Barrier met Impact om looppaden te beschermen tegen middelzware voertuigen waar er een verhoogd risico is op botsingen op grondniveau. Ook te combineren met een...

16 articles



### CLASSIC PEDESTRIAN

#### Pedestrian Barrier

Gebruik de X-Protect voetgangersbarrièreconfiguratie om voetgangersroutes te definiëren en te beschermen tegen lichte impact. Het is ook mogelijk om deze te combineren met een voetgangerspoort. De...

9 articles



### X-PROTECT PEDESTRIAN

#### Voetgangerspoort

Universeel handmatig, zelfsluitend en breedte verstelbaar van 690 mm tot 1210 mm.

1 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 -

Width:

200 mm

13 13/16" -

7 7/8"

45 11/16"



#### Essential

2 connection sides

Height:

620 -

Width:

132 mm

5 3/16"

24 7/16" -

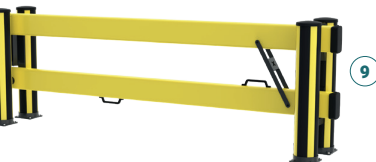
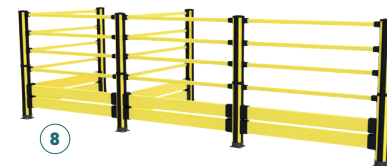
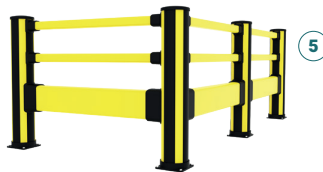
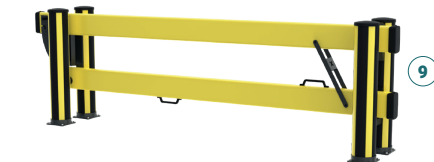
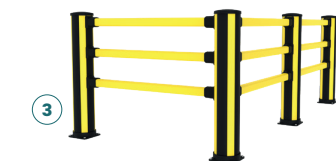
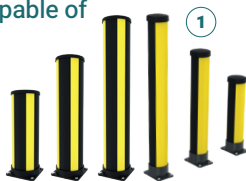
46 1/16"



## 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.

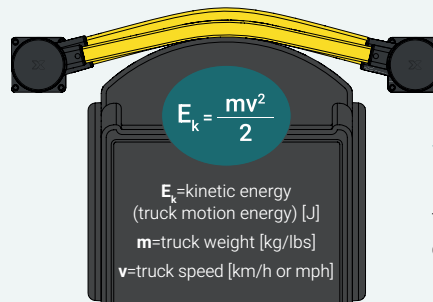


### Component Colours

Yellow RAL 1018 Black RAL 9011

## Impact testing

This is how we calculate the energy from a vehicle impact.



| 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 |



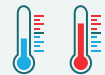
| Speed             | Load    |
|-------------------|---------|
| 6 km/h   3.7 mph  | 3770 J  |
| 8 km/h   5 mph    | 6660 J  |
| 12 km/h   7.5 mph | 14970 J |



| 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

-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