

Use the X-Protect Pedestrian barrier configuration to define pedestrian routes and protect from light duty impacts. It is also possible to combine with a pedestrian gate. The pedestrian gate is self closing, provided with a universal handle and width is adjustable from 690-1210 mm.



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 - 0	Centre of barrier C - C as below				
1500mm	4000 J	2500 kg 6.4 km/h	5000 kg 4.5 km/h	360mm	14.3 kN
2000mm	5000 J	2500 kg 7.2 km/h	5000 kg 5 km/h	490mm	18.7 kN
Posts	Posts				
End post	1900 J	2500 kg 4.4 km/h	5000 kg 3.1 km/h	NA *	10 kN
Mid post	1900 J	2500 kg 4.4 km/h	5000 kg 3.1 km/h	NA *	8.4 kN

<sup>\*</sup> 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.

# Models

### Posts 6 articles

ARTICLES / DESCRIPTION		HEIGHT (MM)	CC (MM)	COLOR
	BCC1-116-00P3 Pedestrian corner	1160		Zinc Yellow (RAL 1018)
#	BCC0-116-00P3 Pedestrian corner	1160		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
<del>]</del>	BCM1-116-00P3 Pedestrian mid	1160		Zinc Yellow (RAL 1018)
#	BCM0-116-00P3 Pedestrian mid	1160		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
ŀ	BCE1-116-00P3 Pedestrian end	1160		Zinc Yellow (RAL 1018)
F	BCE0-116-00P3 Pedestrian end	1160		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)

## **Hand rails** 5 articles

ARTICLES / DESCRI	PTION	HEIGHT (MM)	CC (MM)	COLOR
	RCP1-177-0200 Hand rail extrusion		2000	Zinc Yellow (RAL 1018)
	RCP1-127-0150 Hand rail extrusion, C-C=1500mm, RAL 1018 yellow		1500	Zinc Yellow (RAL 1018)
	RCP1-077-0100 Hand rail		1000	Zinc Yellow (RAL 1018)
	RCP1-047-0070 Hand rail		700	Zinc Yellow (RAL 1018)
	RCP1-027-0050 Hand rail		500	Zinc Yellow (RAL 1018)

### Gate 1 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	CC (MM)	COLOR
GCP8-069-0121			

# Related products



### PEDESTRIAN BARRIERS

### Pedestrian gate

Universally handed, self closing and width adjustable from 690mm to 1210 mm.

1 articles



### **CLASSIC PEDESTRIAN BARRIER**

### Pedestrian with impact high

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

19 articles



### **CLASSIC PEDESTRIAN BARRIER**

### 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

# **Impact Protection**



# 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.



# **Technical Information**



### X-Protect components

These are the building blocks of our modular Impact Protection range.

### **BARRIERS & RAILS**

#### **Hand 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" Lenath:

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** 



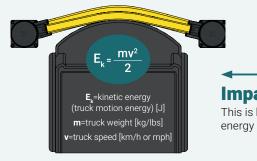
**RAL 9011** 

## **X-Protect Standard Configurations**



on the C-C. More information is available upon request.

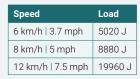




# **Impact testing**

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





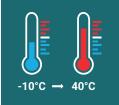


Speed	Load	
6 km/h   3.7 mph	3770 J	
8 km/h   5 mph	6660 J	
12 km/h   7.5 mph	14970 J	

Loaded weight 2100 kg/ 4620 lbs

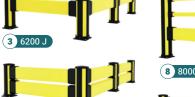
Speed	Load	
6 km/h   3.7 mph	2930 J	
8 km/h   5 mph	5180 J	
12 km/h   7.5 mph	11670 J	

### **Operating temperature**

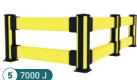




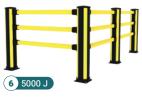




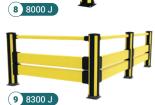
















The Floor Barrier can be used in combination with configurations: 3, 6, 8 & 9

- 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