# Pedestrian with Floor Barrier

Improve your workspace's safety and pedestrian and traffic flows with the configuration Pedestrian with Floor Barrier. Designed to efficiently segregate pedestrian walkways from vehicular routes, including those frequented by forklift trucks, AMRs, and AGVs. This product serves as an alternative to our other X-Protect Pedestrian barrier configurations, focusing on improving safety while maintaining an efficient traffic management.



The Pedestrian with Floor Barrier keeps pedestrians and vehicular traffic separated with added protection from low-level hazards such as vehicle forks and pallets in transit. Installation is straightforward, with a low fixing count. This minimal invasiveness facilitates a quick setup process that does not necessitate extensive modifications to your existing layout.

The system's adaptability is enhanced by push-fit parts and heavy-duty expansion bolts, allowing for easy assembly and quick adjustments with our included drilling template. This adaptability ensures that the Pedestrian with Floor Barrier can evolve with your workspace's changing safety requirements, providing a reliable and durable safety solution.

# Models

# Posts 12 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)
	BCM1-116-00P3 Pedestrian mid	1160		Zinc Yellow (RAL 1018)
#	BCM0-116-00P3 Pedestrian mid	1160		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
	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)
	BCE1-116-I1P2 Pedestrian + Impact High end	1160		Zinc Yellow (RAL 1018)
	BCE0-116-I1P2 Pedestrian + Impact High end	1160		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
	BCM1-116-I1P2 Pedestrian + Impact High mid	1160		Zinc Yellow (RAL 1018)
-	BCM0-116-I1P2 Pedestrian + Impact High mid	1160		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
	BCC1-116-I1P2 Pedestrian + Impact High corner	1160		Zinc Yellow (RAL 1018)
•	BCC0-116-I1P2 Pedestrian + Impact High corner	1160		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)

# **Impact rails** 7 articles

ARTICLES / DESCRIPTION		HEIGHT (MM)	CC (MM)	COLOR
	<b>1-027-0050</b> pact rail		500	Zinc Yellow (RAL 1018)
	<b>1-047-0070</b> pact rail		700	Zinc Yellow (RAL 1018)
	<b>1-077-0100</b> pact rail		1000	Zinc Yellow (RAL 1018)
	<b>1-127-0150</b> pact rail		1500	Zinc Yellow (RAL 1018)
	<b>1-177-0200</b> pact rail		2000	Zinc Yellow (RAL 1018)
	<b>1-227-0250</b> pact rail		2500	Zinc Yellow (RAL 1018)
	<b>1-277-0300</b> pact rail		3000	Zinc Yellow (RAL 1018)

# Hand rails 5 articles

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

# End packs 2 articles

ARTICLES / DESCRIPTION	HEIGHT (MM)	CC (MM)	COLOR
FCE3-022-I100-2 Floor barrier end - 2 pack	221		Graphite Black (RAL 9011)
FCE3-022-I100-10 Floor barrier end - 10 pack	221		Graphite Black (RAL 9011)

# Gate 1 articles

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

# Related products

### **IMPACT BARRIERS**



### Impact High with Floor Barrier

The Impact High with Floor Barrier is an innovative solution designed to offer pallet racking end-frame protection and perimeter security within your workspace. This system combines the benefits of...

17 articles

### X-PROTECT

## Standalone Floor Barrier



Designed to serve as a standalone solution, it improves the safeguarding of building perimeters and vital infrastructure from the everyday risks of vehicle forks, pallets in transit, AMRs and AGVs,...

17 articles



### **CLASSIC PEDESTRIAN BARRIERS**

### 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

# **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** 



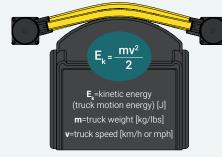
**RAL 9011** 

# **X-Protect Standard Configurations**



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.



12 km/h | 7.5 mph

Speed 5020 J 6 km/h | 3.7 mph 8 km/h | 5 mph 8880 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

Loaded weight 2100 kg/ 4620 lbs

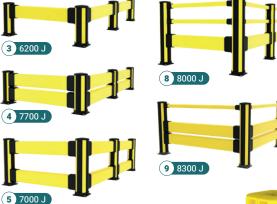
Speed	Load
6 km/h   3.7 mph	2930 J
8 km/h   5 mph	5180 J
12 km/h   7.5 mph	11670 J

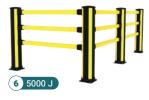
# **Operating temperature**

19960 J

















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