

Collision Protection



- Indoor and Outdoor use
- Additional reinforcing bar
- Four mounting options
- Various widths available
- Highly visible

TRAFFIC-LINE Steel Hoop Guards

Protect and segregate pedestrians, machinery and other zones from works vehicles etc.

Manufactured from 48mm Ø high quality steel tube with additional knee-bar for additional strength and rigidity, and finished in eye catching black/yellow powder coating.

Finish :

For Outdoor use: Hot dip galvanised and powder coated yellow with black bands.

For Indoor use: Powder coated yellow with black bands.

Diameter:

48mm Ø x 2mm wall thickness.

Mounting options:

For surface fixing:
Base plate: 160 x 70 x 10mm

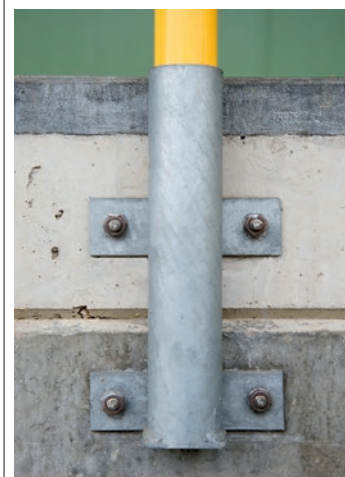
For wall fixing (permanent):
2 x mounting plates with pre-drilled fixing holes.

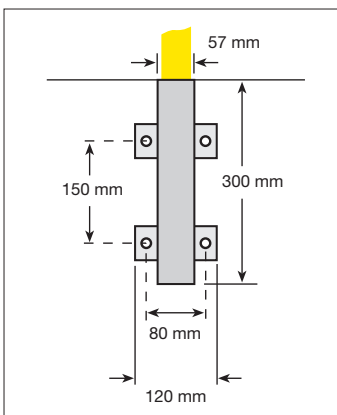
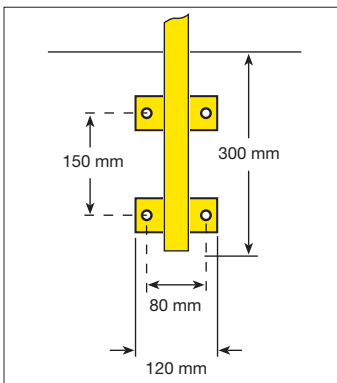
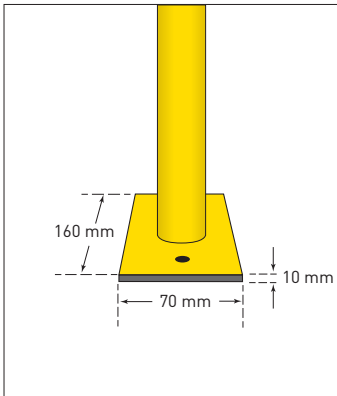
For root fixing:
As per the details for permanent wall mounting, utilising welded mounting plates as ground anchors.

For wall fixing (removable):
2 x sockets with mounting plates pre-drilled fixing holes.

Additional options:

Galvanised only, special lengths and colours.








Descripton	Height/length (mm)	Finish	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Floor mounting With mounting plates 160 x 70 x 10 mm Yellow with black bands	1,000 x 1,000	Powder coated	10	201.14.228	1 / 2 days
		Hot dip galvanised and Powder coated		201.15.512	
	1,000 x 1,500	Powder coated	12.5	201.15.794	
		Hot dip galvanised and Powder coated		201.17.982	
	1,000 x 2,000	Powder coated	15	201.14.465	
		Hot dip galvanised and Powder coated		201.13.553	
Surface fixing bolt S12 8/100 (4 per guard)			0.2	109.17.393	
Wall or roof fixing Yellow with black bands	1,300 x 1,000	Powder coated	10.5	201.23.846	5 / 10 days
		Hot dip galvanised and Powder coated		201.23.287	
	1,300 x 1,500	Powder coated	13	201.21.475	
		Hot dip galvanised and Powder coated		201.27.174	
	1,300 x 2,000	Powder coated	15.5	201.20.276	
		Hot dip galvanised and Powder coated		201.24.456	
Surface fixing bolt S12 8/100 (8 per guard)			0.2	109.17.393	1 / 2 days
Wall fixing (Removable) Yellow with black bands	1,300 x 1,000	Powder coated	10.5	201.25.003	5 / 10 days
		Hot dip galvanised and Powder coated		201.20.059	
	1,300 x 1,500	Powder coated	13	201.22.243	
		Hot dip galvanised and Powder coated		201.27.829	
	1,300 x 2,000	Powder coated	15.5	201.21.658	
		Hot dip galvanised and Powder coated		201.21.335	
Wall socket (2 per guard) 120 W x 300 H		Hot dip galvanised	2	201.27.454	5 / 10 days
Surface fixing bolt S12 8/100(8 per guard)			0.2	109.17.393	1 / 2 days



BLACK BULL MD Impact Protection System



Description	Support Posts 1,000 x 70 x 70mm		
	End Post	Centre Post	Corner Post
			
Delivery weight (kg/ea.)	10	10.5	10.5
Powder coated	194.24.261	194.29.943	194.29.694
Typical despatch time (working days)	5 / 10 days		
Hot dip galvanised and powder coated	194.25.033	194.20.894	194.21.831
Typical despatch time (working days)	5 / 10 days		





This highly visible Medium Duty Railing System separates and protects machinery and pedestrian walkways from light duty vehicular traffic effectively and inexpensively. Ideal for protecting buildings, inventory and workspaces. It is easily and quickly installed with no protruding lugs or bolts.

Finish:

For Indoor use: Powder coated yellow.
For Outdoor use: Hot Dip Galvanised and Powder coated yellow.

Specifications:

Support posts: 3mm wall thickness with black cap.

Base plate: 140 x 160 x 10mm
(Drilled 4 fixing holes)

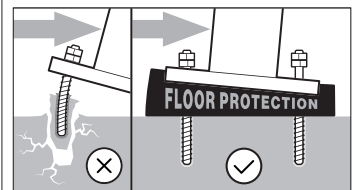
Lateral rails: 60 x 40mm with 3mm wall thickness

Under-run rail: 200 x 100 x 3 mm

Option:

Can also be supplied in our **FLEX** system (see page 37 for details).

- Indoor and Outdoor use
- Excellent build quality and strength
- Quickly and easily installed
- Modular construction for easy extension
- Highly visible



Fixings	Dimensions (mm)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Surface fixing bolt S14 (4 per post)	10/100	0.2	109.17.393	1 / 2 days
Through bolt anchor (4 per post)	12/120	0.3	109.24.665	




Lateral Rails (mm) including fixing screws			
1,000	1,200	1,500	2,000
5	6	7	9
194.21.266	194.27.076	194.25.352	194.25.650
5 / 10 days			
194.29.126	194.27.265	194.27.828	194.29.847
5 / 10 days			

Dimensions (mm) H x D x WT	Under-run Guard (mm), Steel			
	800	1,080	1,380	1,880
200 x 100 x 3				
	9	11	13.5	17.5
Powder coated	194.20.522	194.24.463	194.23.061	194.20.550
Number of surface fixing bolts per length	4	4	5	5
Typical despatch time (working days)	5/10 days			



BLACK BULL HD
Impact Protection Railing System



Description	Support Posts 500 x 100 x 100mm		
	End Post	Centre Post	Corner Post
			
Delivery weight (kg/ea.)	10	10.5	10.5
Powder coated	194.16.094	194.18.550	194.13.760
Typical despatch time (working days)			
Hot dip galvanised and powder coated	194.15.765	194.18.142	194.15.032
Typical despatch time (working days)			



This highly visible Heavy Duty Railing System separates and protects machinery and pedestrian walkways from fork lift and other vehicular traffic effectively both indoors and outdoors. Ideally suited for protecting buildings, equipment, machinery and workspaces from accidental damage. It is easily and quickly installed with no protruding lugs or bolts.

Surface treatment:

For Indoor use: Powder coated yellow.
For Outdoor use: Hot Dip Galvanised and Powder coated yellow.

Specifications:

Support posts: 3mm wall thickness.
Base plate: 200 x 200 x 10mm
(Drilled 4 fixing holes)

Lateral rails: 120 x 80mm with 3mm wall thickness

Option:




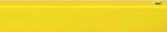




Can also be supplied in our **FLEX** system (see page 44 for details).



- Indoor and Outdoor use
- Superior build quality and strength
- Quickly and easily installed
- Modular construction for customised applications
- Countersunk bolts secure rails to posts



Fixings	Dimensions (mm)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Surface fixing bolt S12 (4 per post)	8/100	0.2	109.17.393	1 / 2 days
Through bolt anchor (4 per post)	12/120	0.3	109.24.665	

Support Posts 1,000 x 100 x 100mm			Lateral Rails (mm) included fixing screws				Bollard (mm)
End Post	Centre Post	Corner Post	1,000	1,200	1,500	2,000	1,000 x 100 x 100
							
							
							
							
17	18	18	9.5	11.5	14	18	16
194.14.244	194.17.026	194.18.205	194.18.997	194.16.172	194.15.942	194.13.434	194.15.516
1 / 2 days							5 / 10 days
194.13.501	194.13.894	194.15.572	194.16.672	194.14.863	194.16.449	194.13.826	194.13.700
5 / 10 days							5 / 10 days