

ulti group

Ulti Bollard System

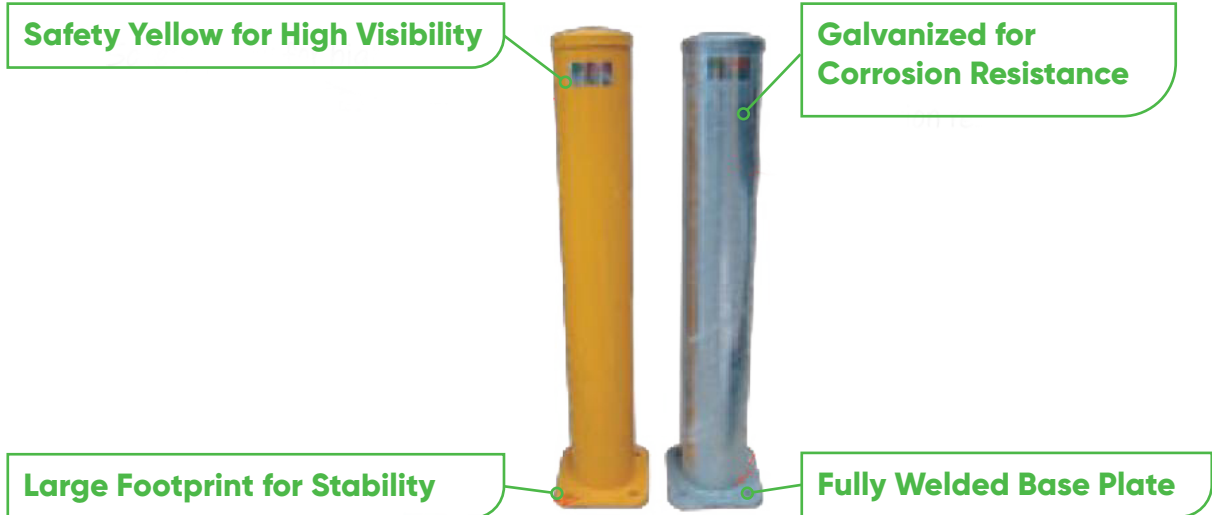
Product Brochure

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Ulti Bollard Protection

Ulti Bollards are engineered to provide maximum protection against vehicle and fork truck damage to your building and assets. Because of the demanding environments that are encountered, a large range of Ulti Bollards are available. To ensure long lasting performance, all bollards are available galvanised or "safety yellow."



Standard Bollards and **Large Bollards** are the most popular for protection of pallet racking, door tracks and corners of walls. Ground mounts, to set into the concrete, are also available for extra heavy duty mounting.



Removable Bollards placed in front of entrances and roller doors offer excellent security and protection from ram-raids. Removable bollards are also ideal for restricting vehicle access.



Door Frame Bollards give maximum protection to your door and door frame. This can prevent thousands of dollars of damage from wide vehicles and extra high fork lift trucks.



Personnel Frames help prevent foot traffic from entering the path of heavy traffic. When placed in front of personnel doors, the frame ensures that your staff will not walk directly into the path of dangerous heavy traffic.



BARRIER LAYOUT OPTIONS

Barrier Layout Options



A standard bolt down bollard with a fork hole in. Admittedly hit in the strongest place, but it was there to protect the door from the next forktruck.



Cast in bollards to protect light poles in carparks.



Stop ram raids with LB165 bollards custom painted to match decor.



Full frame bollard to protect the rapid acting door.







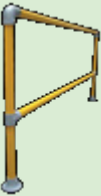


LB165-Y bollards to protect the sectional door tracks at a loading dock.



Multiple cast in bollards to protect dock equipment

Ulti Bollard Protection

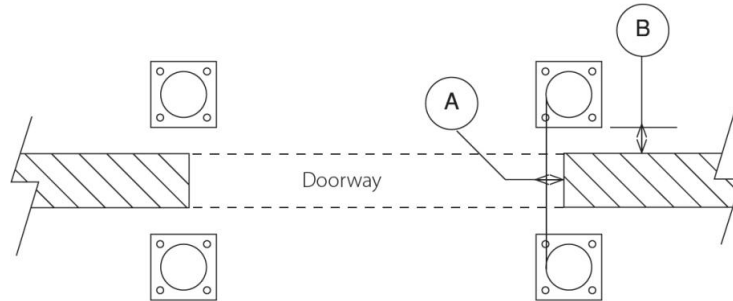
CODE		DESCRIPTION	
SB115Y	Standard Bollard	Safety yellow, 115mmø, 1100mm high, 4 x M16 x 140WA	
SB115G	Standard Bollard	Galvanised, 115mmø, 1100mm high, 4 x M16 x 140WA	
SB115-GM	Standard Bollard Ground Mount	Galvanised, 115mmø, 550mm high, 4 x M16 x 60 Bolts	
CB115G	Standard Bollard Cast In	Galvanised, 115mmø, 1630mm long (can be painted after installation)	
RB115G	Removable Bollard	Galvanised, 115mmø, Removable and Lockable 990mm high	
LB165Y	Large Bollard	Safety yellow, 165mmø, 1100mm high, 4 x M16 x 140WA	
LB165G	Large Bollard	Galvanised, 165mmø, 1100mm high, 4 x M16 x 140WA	
LB165-GM	Large Bollard Ground Mount	Galvanised, 165mmø 550mm high, 4 x M16 x 60 Bolts	
CB165G	Large Bollard Cast In	Galvanised, 165mmø 1630mm long (can be painted after installation)	
DF115Y	Door Frame Bollard	Safety yellow, 115mmø 8 x M16 x 60 Bolts, 8 x M16 x 140WA	
DF115G	Door Frame Bollard	Galvanised, 115mmø 8 x M16 x 60 Bolts, 8 x M16 x 140WA	
DF165Y	Door Frame Bollard	Safety yellow, 165mmø 8 x M16 x 60 Bolts, 8 x M16 x 140WA	
DF165G	Door Frame Bollard	Galvanised, 165mmø 8 x M16 x 60 Bolts, 8 x M16 x 140WA	
PF240Y	Personnel Frame	Safety yellow, 950mmH x 2400mmL 8 x M12 x 100WA (Kitset)	

Technical Data - Ulti Bollard System

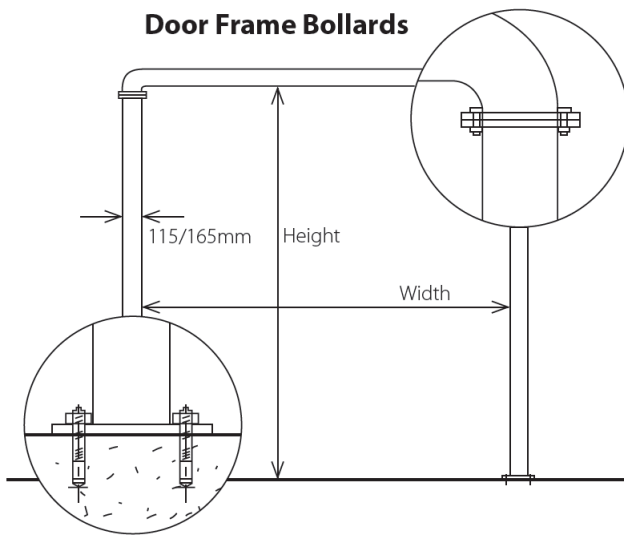
RECOMMENDED BOLLARD PLACEMENT

A - 50mm into doorway to protect door jambs

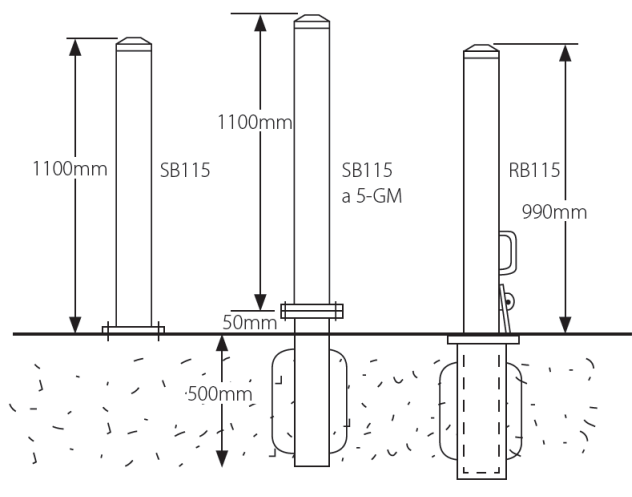
B - 100mm from nearest structure or door track



Door Frame Bollards



Bollard Installation



Construction

BOLLARDS

Construction - To be made of high quality pipe, 115mm \varnothing or 165mm \varnothing with cap to be riveted to top. Bolted to concrete with four concrete bolts. Bolts to be a minimum of 16mm \varnothing x 140mm long.

Finish - To be hot dip galvanised or powder coated safety yellow.

DOOR FRAME BOLLARDS

Construction - To be made of high quality pipe, 115mm \varnothing or 165mm \varnothing to suit door size in height and width. Top to be able to be bolted on for transport and installation. Bolted to concrete with four concrete bolts. Bolts to be a minimum of 16mm \varnothing x 140mm long.

Finish - To be hot dip galvanised or powder coated safety yellow.

PERSONNEL FRAMES

Construction - To be made of high quality 50mm \varnothing pipe. Corners, intermediate connectors and feet to be locked on with stainless steel grub screws.

Finish - To be powder coated safety yellow.



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