



The ultimate carpark bollard



ZERO DAMAGE
To ZerO Rings

ZERO DAMAGE
To concrete footing

ZERO DAMAGE
To bollard

City of Perth had a problem maintaining bollards in the busy city centre. They came to us to develop a solution that would provide protection for café strips and pedestrians, reduce damage to vehicles and reduce the escalating cost of maintaining their bollards. We developed the Impact Recovery System that provides a low cost and sustainable solution to all of these problems. Combined with ZerOPoly covers

4 Levels of extreme protection impact after impact

Protecting costly foundations - You can secure Bollards using our ZerO Waste Ground sockets that, unlike metal sockets, are unbreakable, so continue working impact after impact for the life of a development or surface mount your bollards using our ZerO reusable base plate

1. Unlike spring loaded bollards that over-flex, a heavy-duty resistance core prevents deflection of the bollard beyond 20 degrees when impacted by a passenger vehicle at low speed such as a carpark
2. Unlike springs that quickly rust and wear out, creating dangerous litigation risks, our re-usable shock absorbing ZerO Impact Recovery Rings create a permanent shock absorbing cushion that absorb the impact force of a vehicle and self-recover, with no reduction in capacity following hundreds of impacts, greatly improving safety and resilience
3. Unlike cheaply made (often imported) bollards that dent upon impact from a vehicle, our heavy-duty galvanised steel and impact resistant stainless-steel pipe bollards provide an impact resistant surface, but we highly recommend using our advanced polymer bollards to substantially reduce maintenance on your bollards, improve safety and reduce the risk of damage to vehicles in



We get knocked down, but we get up again. You're never going to keep us down!

Unlike spring-loaded bollards, ZerO Bollards cannot be deflected by hand, remaining perfectly aligned safe and secure year after year.

When impacted by a vehicle they deflect to a max of 20 degrees and self-recover. When severely impacted (truck or utility vehicle) replacements take less than 5 minutes and the bollard, expensive concrete footings and ZerO Rings are reusable impact after impact, saving thousands over the life of a development.



Upon Low Impact

Bollards remain rigid and appear to be solid inground bollards but when impacted by a vehicle they absorb the impact force deflecting a maximum of 20 degrees and self-recovering, with no diminished capacity following hundreds of impacts.

Severe Impact

When severely impacted instead of the entire footing being dislodged, the inner resistance core bends allowing the bollard to fold but not be dislodged- preventing any further forward movement of the vehicle and enabling fast reinstatement

Fast efficient replacements

Replacements are simple Following severe impact bollard is easily removed (resistance core replaced) and reinstated in around 5 mins Bollards and ZerO Rings are re-usable impact after impact



Reusable foundations

More sustainable than anything you've seen before- Zero Unbreakable ground sockets last the entire lifespan of a development (impact after impact) and Zero Base plate will withstand even severe impacts. Bollards are easily removable and replaceable from ground socket (using tools provided) and base plate in less than 5 mins for events, maintenance and future upgrades.

Safety Polymer bollards

Advanced Polymer Bollards absorb impact from vehicles and self-recover without scratching or chipping like steel bollards. They won't rust or corrode or dent like a steel bollard and tyre marks can be simply wiped off



Steel bollards

Heavy walled Steel Bollards can be secured inground, or surface mounted using the Impact Recovery System. Standard colour Safety Yellow – but can be supplied in any colour and polished designer caps available.

Secured using the Zero Rings they become far more durable and resistant to impact. These bollards, used to protect café on a busy corner, were wiped out by a truck only weeks before and reinstated in less than five minutes.

Stainless steel bollards

Heavy walled Stainless-steel Bollards absorb impact from vehicles and self-recover without denting (as Zero Rings absorb the impact force and heavy-duty pipe is strong enough to take the blow) Highly resistant to rust and corrosion- Aussie made to last!



Range of options

- Galvanised steel (Std unit powder coated Safety Yellow, but can be powder coated colour of choice)
- Stainless steel (Satin finish) the most durable finish
- Durable Poly bollards (Std unit Safety Yellow, but available in almost any colour- ask for a colour chart) and can be polished for high shine.



STEEL BOLLARD

Australian made 150/
165 mm \varnothing galvanised
steel x 1250H quality
powder coated safety



STAINLESS BOLLARD

Australian made 168
mm \varnothing stainless-steel
heavy-duty pipe x
1200H with satin finish



POLY BOLLARD

Advanced Polymer
bollard 150 mm \varnothing x
1200H in Safety Yellow
smooth finish

Inground or Surface Mounting options

ZerO Unbreakable ground sockets (350 or 650mm depth) can be installed when pouring concrete footings by simply positioning upright.

Bollards are simply dropped into position (no pins or padlocks) "automatically" locking in using friction, which ensures they remain safe and secure perfectly aligned impact after impact, year after year.

Surface Mount base plate is heavy duty round base plate (to evenly distribute the impact force) secured using quality recessed and galvanised concrete anchors and are reusable impact after impact.

