

Choosing your Impact Recovery Bollard



STEEL BOLLARD

Australian made 60 mm x 2.9 and 165 mm \varnothing 5 mm wall galvanised steel quality powder coated safety yellow



STAINLESS STEEL BOLLARD

Australian made highly durable 168 mm \varnothing stainless-steel heavy-duty pipe with satin finish 304 or 316 for coastal regions.



ADVANCED POLYMER BOLLARD

Advanced Polymer bollard 150 mm \varnothing in Safety Yellow smooth finish. Available in range of colours.

Choose Colour

For batches of ten or more we can manufacture steel or Advanced Polymer Bollards for you in almost any colour. Ask for colour chart for powder coated or Advanced Polymer Bollards and Bollard covers.



Advanced engineering overcomes these problems



Bollards self-recover

Upon low-speed impact bollards absorb the impact force and slowly self-recover and are removable and reusable following severe impact



No damage to footings

ZERO HERO Foundations remain in pristine condition for the entire lifespan of a development and base plates are reusable following severe impact



Bollards Impact Resistant

ZERO Bollards are made from Australian heavy-duty materials designed to withstand impact without damage, remaining in good condition



Bollard re-usable

Both surface mount and Inground bollards are removable and reusable following severe impact, saving thousands over the life of a development



Footings reusable

ZERO Hero foundations remain in pristine condition and surface mount base plates are reusable following severe impact, saving thousands



Simple replacements

Bollards are low cost to maintain. If damaged, they are removed and replaced in less than 5 minutes without the need for digging or heavy labour.



Impact resistant base plate

With square base plates the impact force is concentrated on one anchor- with heavy duty round base plates the impact force is evenly distributed, reducing the risk of damage



Superior protection

Unlike flexible bollards that can over-flex, the strong resistance core provides superior protection against errant vehicles, greatly improving safety



Advanced Polymer Bollard

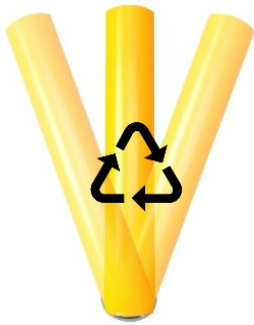
The advanced polymer bollards (and bollards covers) provide excellent resistance against denting, chipping and fading- extending the potential lifespan



Make Impact resistant

Unless you incorporate some form of shock absorbing capability, the bollard and footing will need replacing every time it is badly impacted.

Put an end to costly maintenance by making both the bollard and the expensive footings reusable even following severe impact!



IMPACT RECOVERY

150 MM Poly Bollards can be secured using the ZERO Impact Recovery System making bollards and footings impact resistant & reusable

S/MOUNT IRS

Suitable for solid concrete footpaths and foundations. Secured using five evenly spaced concrete anchors. Base is reusable

\$350.00

350/650 DEPTH IRS

We recommend 350 mm Depth footings for most applications. 650 for free standing footings

\$250/\$300.00

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

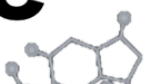
Fast efficient replacements

Replacements are simple Following severe impact bollard is easily removed (resistance core replaced) and reinstated in less than 5 mins Bollards and Zero Rings are re-usable impact after impact, year after year

[VIEW BROCHURE](#)



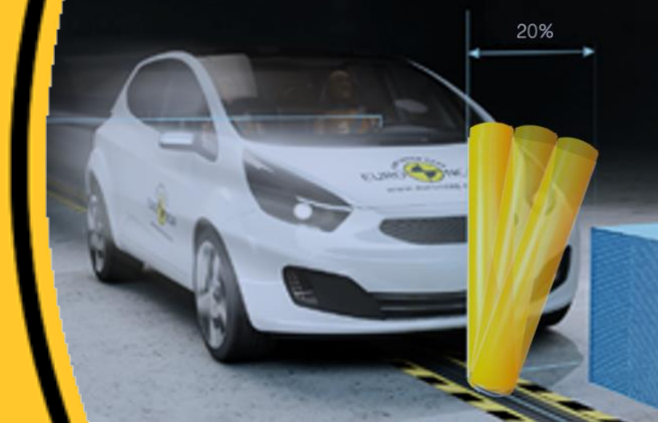
zero>waste
unbreakable foundations



Shock absorbing rings

The rings compress (absorbing the impact force) and slowly self-recover, with zero reduction in capacity following hundreds of impacts.

Greatly improving safety and efficiency – making bollards re-usable impact after impact



150 RING ADVANCED POLYMER

Used to secure 150 O.D
Advanced Polymer Bollards.
Includes stainless steel clamp.

\$150 PAIR

165 RING GALVANISED STEEL

Used to secure 165 O.D
Galvanised Steel Bollards.
Includes stainless steel clamp.

\$160 PAIR

168 RING STAINLESS STEEL

Used to secure 168 O.D.
Stainless Steel Bollards.
Includes stainless steel clamp.

\$180 PAIR

HIGHEST QUALITY SHOCK ABSORBING MATERIALS AVAILABLE

Although polystyrene has been used in the commonly used Energy Absorbing Bollards as a shock absorbing mechanism, it is crushed upon impact and does not recover, so it must be sent to landfill, whereas these rings are made using an Advanced Polymer and rubber compound that provides exceptional shock absorbing capabilities providing zero reduction in its ability to recover following hundreds and hundreds of impacts- making the rings reusable impact after impact, year after year. Thoroughly market tested, for more than a decade

VIEW VIDEO



Only replaceable component

The resistance core is sacrificial. When a bollard is badly impacted the inner resistance core can bend and need replacing.

Put an end to waste for the entire lifespan of a development



S/MOUNT RESISTANCE CORE

Heavy Duty Galvanised Steel. 300 mm Length with securing stud to secure core to base

\$50.00



350 MM DEPTH RESISTANCE CORE

Heavy Duty Galvanised Steel. 350 mm Depth (650 mm Length) with self-locking Taper attached

\$60.00



650 MM DEPTH RESISTANCE CORE

Heavy Duty Galvanised Steel. 650 mm Depth (950 mm Length) with self-locking Taper attached

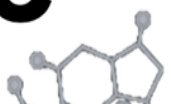
\$70.00

AUSTRALIAN MADE

Galvanised Heavy Duty Resistance Core with Self-locking Taper attached (or stud for the surface mount units). Rings are secured to the resistance core using clamps provided and are reusable. If you wish to save more money the Taper can be removed from the damaged core and re-used-. Because the Heavy-Duty Resistance Core is so strong you must pre-drill before securing the Taper. Sold in packs of 2 units/ 10 units and pallet loads.



zero  **waste**
unbreakable foundations



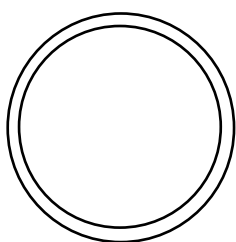
Further increase resistance

The resistance core is what stops a vehicle from any further forward movement. You can increase the strength of the resistance core from Heavy Duty to Extra Heavy Duty

SAFETY FIRST

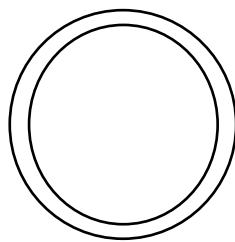
STANDARD HEAVY DUTY RESISTANCE CORE

sufficient to stop a passenger vehicle and reduce the risk of injury to drivers and vehicles. Suitable for all installations (Surface Mount/ 350 and 650 mm depth footings.)



HEAVY DUTY RESISTANCE CORE

Strong enough to stop a passenger vehicle at low speed and can be used with Surface Mount and 350 / 650 mm depth footing



EXTRA HEAVY DUTY RESISTANCE CORE

Extra Heavy Duty Resistance Core is substantially stronger so can only be used with 650 mm Depth footings

EXTRA HEAVY DUTY RESISTANCE CORE

If you find the internal resistance core is bending too frequently (often due to trucks or utility vehicles impacting them) you can increase the inner core to Extra Heavy Duty Resistance Core. This will increase the resistance considerably (by around 150%) and reduce the incidence of having to replace the inner core, but this strength internal resistance Core can only be used with 650 mm depth solid 30MPa concrete footings