

The ultimate carpark bollard

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



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.

IMPACT RECOVERY BOLLARDS

3 Levels of extreme protection, impact after impact

Our revolutionary system provides 3 layers of protection

1. Heavy-duty steel resistance core to prevent deflection beyond 20 degrees (only replaceable component upon severe impact)
2. Solid re-usable energy absorbing ZerO Rings create a permanent cushion that absorbs the impact force and self-recovers improving safety and resilience
3. An advanced impact resistant polymer outer casing heavy duty galvanised steel or impact resistant stainless-steel pipe.



Foundations PAS tested

When choosing a bollard, the most important factor is the footing. If an everyday surface mount bollard is hit, the base plate will bend or be ripped from the concrete. If a steel bollard is hit, the footing will be dislodged. Upon low impact our bollard self-recover but if badly hit the resistance core will bend at ground level with no damage to footing for the life of a development (100 years).

Both laboratory and in-situ impact tested. ZERO Hero Unbreakable Ground Sockets withstand hundreds of impacts with no diminished holding capacity. Approved Nationally by Australian Road Authorities.



Safety, more durable polymer bollards

For years we've used steel bollards because they are strong but although they have a tough exterior, because they're rigid they're unable to roll with the punches, simply transferring the problem to the concrete footings that have no option but to crack under pressure!

We highly recommend using our advanced Polymer Bollards which 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 with a damp cloth. They keep on keeping on

Sustainable choice

For a bollard to be impact resistant the footing needs to be substantial and yet when impacted – something's got to give. The result is that thousands of bollards and the concrete footings are repeatedly replaced and sent to landfill. We urgently need to put an end to the ever increasing consumption of carbon intensive concrete for repeated repairs.

Bollards self-recover

When a surface mount bollard is impacted, if the bollard itself is strong enough- the impact force is directed to the base plate, which bends or is ripped from the concrete.

NO damage to footings

When a bollard installed directly in concrete is impacted, if the bollard itself is strong enough to withstand the impact force, it is then directed to the footing, which is dislodged

Bollards Impact Resistant

Another growing problem is caused by cheap imported bollards made from light walled inferior grade steel or stainless steel and simply crumple upon impact or rust out creating even more landfill.

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Bollards secured using the Impact Recovery System absorb impact from vehicles and self-recover with no diminished capacity following hundreds of impacts. No damage to footings and bollards are removable using tools provided

Replacements are simple (even following severe impact) taking less than 5 mins



Environmentally sustainable

The Impact Recovery System makes bollards and foundations reusable impact after impact, reducing carbon waste and the ongoing consumption of concrete and steel for the next 100 years. Your decision will affect generations to come

Physically sustainable

ZERO HERO Foundations remain pristine condition for the entire lifespan of a development (100 years or more) creating cleaner, safer developments

Base Plate, Bollard Shocker and Bollard covers are reusable impact after impact.

Financially sustainable

Bollards and Rings are re-usable impact after impact. No cost for light impact and the only cost following severe impact is the low cost and readily available resistance core and around 5 minutes labour.

Range of colours

Standard units Safety Yellow. You can choose from steel (can be powder coated colour of choice), stainless steel (Satin finish) or Durable Poly bollards (available in almost any colour even stone look - ask for a colour chart) and can be polished for high shine.

Reflective Striping optional



STEEL BOLLARD

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



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



Securing your bollard

Bollards can be secured in-ground or surface mounted using the Impact Recovery System making both the bollard and expensive footings reusable impact after impact. Only replaceable component is the low-cost resistance core

BUY ONCE- REUSE FOR A LIFETIME

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