



"The time is past when humankind thought it could selfishly draw on exhaustible resources. We know now the world is not a commodity."

François Hollande on Climate Change
President of the French Republic



Department of
Transport



Non-conductive Safety Bollard

Advanced Polymer Non-Conductive Bollards



Withstands light impact



150 x 1800 L

1500 above ground 300 mm inground

Secured directly in concrete footing 400 mm Diam.

\$200.00

UPON IMPACT

Bollards will recover from light bumps (such as carparks), self-recovering after approx. 80% elongation, after which bollard will bend and need replacing.

Advanced Polymer Bollard

- Aussie made using advanced polymers
- 1800 L
- 150 mm Diameter
- Safety Yellow
- Safety Dome cap
- Impact Resistant
- UV Resistant
- Scratches don't show- same colour throughout
- Wont damage vehicles
- Reflective striping (Red /white)
- Smooth Finish with dome cap
- Low cost
- Lightweight

See over for details on ZERO WASTE OPTION.



100% AUSSIE MADE



MORE INFO



Non-conductive Impact Recovery Bollard

Install bollards 1500 MM Height above ground



20 degrees



150 x 1500 L

Secured at ground level
using the Impact
Recovery system

\$400-\$500

UPON IMPACT

Bollards will recover from
light to medium bumps
deflecting up to 20 degrees
and self-recovering. If badly
damaged bollard is
removable and reusable



Impact Recovery Bollard

- 1500 High
- 150 mm Diameter
- Safety Yellow
- Safety Dome cap
- Impact Resistant
- UV Resistant
- Scratches don't show- same colour throughout
- Won't damage vehicles
- Reflective striping (Red /white)
- Smooth Finish with dome cap
- Secured on ZERO WASTE Unbreakable Foundations making bollards impact resistant, removable and reusable even following severe impact – See over for options



MORE INFO



Impact Recovery Bollards

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 for the entire lifespan of a development



350 DEPTH IRS

350 mm depth footings are suitable for installation in existing concrete footings asphalt or paved areas with compressed soil. If fine sand- you will need 650 mm footing.

\$250.00



650 DEPTH IRS

650 mm depth is required for installation in soil; free standing footings and when bollards may be subject to severe impact. STD and XHD Options

\$300.00/ \$400.00



TOOLS

Installation tool (to install socket) and Removal Tool (to remove bollard from socket) includes sheared post tool.

\$250.00 PACK

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.

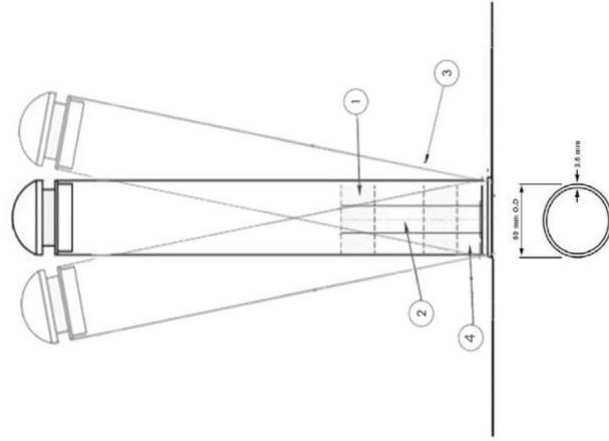
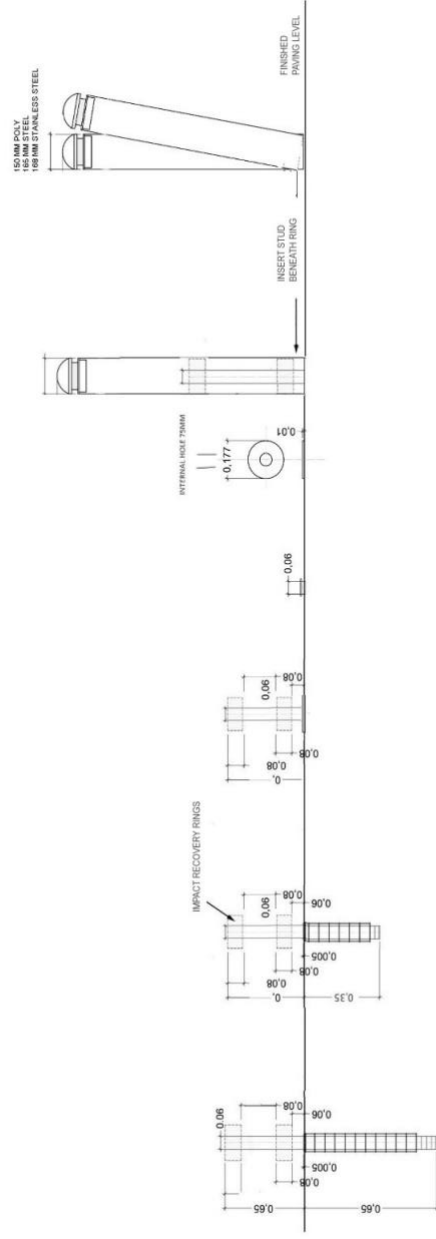
VIEW BROCHURE




work safe

DOH&S WORKSAFE AWARD

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1. IMPACT RECOVERY RINGS
2. INTERNAL CORE 300 MM HIGH 3.6 WALL THICKNESS
3. BOLLARD CASING - POLY/ STEEL OR STAINLESS
4. SECURING STUD (SECURITY STUD AVAILABLE)

Stud is inserted in hole at base of bollard and sits below the bottom Impact Recovery Ring

 **advanced**
polymer technologies