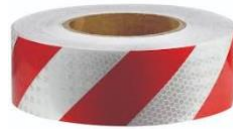


Western Power Safety Bollard

Advanced Polymer Non-Conductive Bollards



150 x 1500 H

150 mm Bollards are installed on ZERO WASTE Foundations

\$180.00

REFLECTIVE STRIPING

Reflective striping supplied red/ white 50 mm

\$10.00

IMPACT RECOVERY

Bollards are secured using the ZERO Impact Recovery System making bollards and footings impact resistant & reusable.

\$250.00

Advanced Polymer Bollard

- 1500 High
- 150 mm Diameter
- Safety Yellow
- Safety Dome cap
- 150 mm Diameter
- Impact Resistant
- UV Resistant
- Wont scratch- same colour throughout
- Wont damage vehicles
- Reflective striping (Red /white 10)
- 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 details.



100% AUSSIE MADE

VIEW BROCHURE 

INNOVATOR OF THE YEAR MRWA AND WESTERN POWER APPROVED.



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 for the entire lifespan of a development



350 DEPTH IRS

350 mm depth footings are suitable for installation in concrete footpaths, asphalt or compressed soil.

\$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.

\$300.00



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](#)



DOH&S WORKSAFE AWARD

9248 5545
hello@zerocivil.com
zerocivil.com

WESTERN POWER NOTES:

1. ENTIRE INSTALLATION IS RATED FOR LOCAL SOIL & WIND CONDITIONS.
 2. SUPPLY AND INSTALL NON-CONDUCTIVE BOLLARDS IN LOCATIONS AS REQUIRED TO PROTECT URD AND SMSB TO SUPERINTENDENTS' APPROVAL. ALLOW FIVE OF.
 3. UNDERTAKE SITE INVESTIGATIONS TO DETERMINE EXACT LOCATION OF ALL EXISTING UNDERGROUND CABLING IN VICINITY. IF PROPOSED LOCATIONS OF BOLLARDS IS COMPROMISED BY EXISTING UNDERGROUND ASSETS, REPORT TO SUPERINTENDENT FOR DIRECTION.
 4. PROVIDE SURVEY WITH PROPOSED FINAL LOCATION OF BOLLARDS TO SUPERINTENDENT FOR APPROVAL PRIOR TO COMMENCING ANY POTHoles AND/OR PLACING ORDERS FOR BOLLARDS (FINAL QUANTITY MAY VARY).
 5. NON-METALLIC BOLLARDS SHALL BE CIRCULAR 150mm X 1500mm TALL, ROUND TOP. ZERO CIVIL, B150, ZERO CIVIL, B150, + IRR-150 OR APPROVED EQUIVALENT.
 6. BOLLARDS SHALL BE YELLOW WITH RED/WHITE REFLECTIVE BAND, AS PER PHOTO EXAMPLE.
 7. BOLLARDS ARE MANUFACTURED BY AUSTRALIAN COMPANY THAT SUPPLIES NON-METALLIC BOLLARDS FOR PROTECTION OF ELECTRICAL ASSETS. USE SPECIFIED FITTINGS OR APPROVED EQUIVALENT e.g. SMART UBRAN PTY LTD / ZERO CIVIL - CONTACT LISA KASTEN (9248 5545)
 8. INSTALL BOLLARDS TO MANUFACTURES RECOMMENDATION, TO SUPERINTENDENTS' APPROVAL.
 9. PROVIDE CONCRETE FOOTING MINIMUM 400mm DEEP AND 400mm SQUARE, BELLED OUT AT BASE.
 10. CONCRETE BASE SHALL BE 30MPa OR GREATER, DO NOT USE RAPID SET AS IT IS NOT IMPACT RESISTANT.
 11. DO NOT USE FLEXIBLE GROUT.
 12. TAPER MUST FINISH FLUSH WITH SOCKET, SO THEY ARE NOT DAMAGED ON IMPACT.
 13. COLOUR OF FOUNDATION TO MATCH WALKWAYS - CONFIRM FINISH WITH SUPERINTENDENT PRIOR TO POURING FOUNDATION.
 14. PROVIDE SHOP DRAWING TO SUPERINTENDENT FOR APPROVAL.
 15. PROVIDE DIGITAL PHOTOGRAPHS OF FOUNDATIONS PRIOR TO COMPACTING
 16. WE RECOMMEND A MAXIMUM OF 1.5 M SPACING OF BOLLARDS
- FOR MORE INFORMATION REGARDING INSTALLATION [CLICK HERE](#)

WARNING

Sockets are designed to last 100 years.



