

Surface Mounted Bollard Installation Guide

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Overview

Bollards provide a practical way to protect people and property while managing vehicle movement.

Our Surface Mounted Bollards are secured directly to existing surfaces, making them ideal where vehicle protection or access control is required without excavation. Enforcer also offers In-Ground, Removable, and Fold-Down Bollards to suit different site conditions and access requirements.

Proper installation helps ensure the bollard remains secure and performs as intended.

Relevant Australian Standards

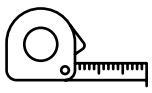
Where used for vehicle protection or road safety applications, bollards should be selected and installed in accordance with the applicable requirements of **AS/NZS 3845.2:2017 – Road Safety Barrier System**s.

Where installed adjacent to accessible paths, ensure the installation maintains required pedestrian access in accordance with **AS 1428.1:2021 – Design for Access and Mobilit**y.

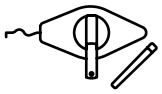
Where retroreflective materials are used, they should comply with **AS 1906.1:2017 – Retroreflective Materials and Devices for Road Traffic Control Purposes.**

Installation Requirements

Required Tools



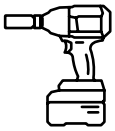
Measuring Tape



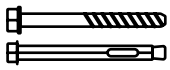
Marking Chalk or Paint



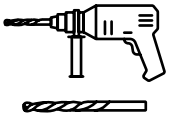
Spirit Level



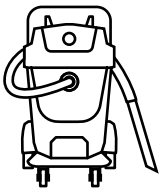
Suitable Wrench



Approrpriate Surface Fixings



Suitable Drill & Drill Bits



Industrial Vaccum



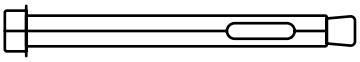
PPE

Suitable Fixings

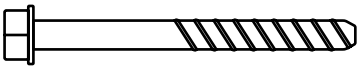
The fixing method will depend on the installation surface. Always use fixings that are suitable for the substrate and site conditions.

Concrete Surfaces

Recommended Fixings:



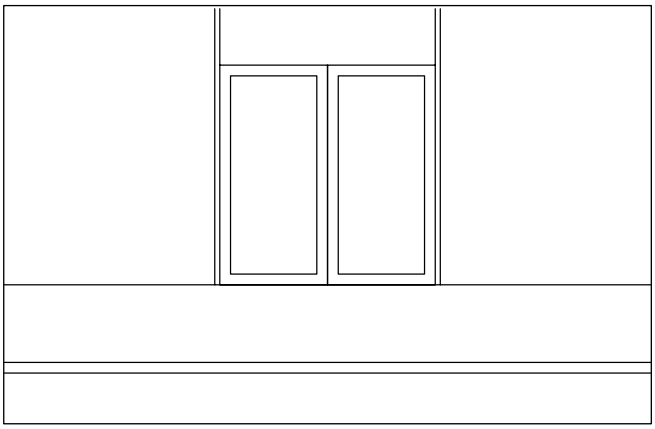
Sleeve Anchor Bolts



Concrete Screw Bolts

Installation Steps

1. Select Installation Location

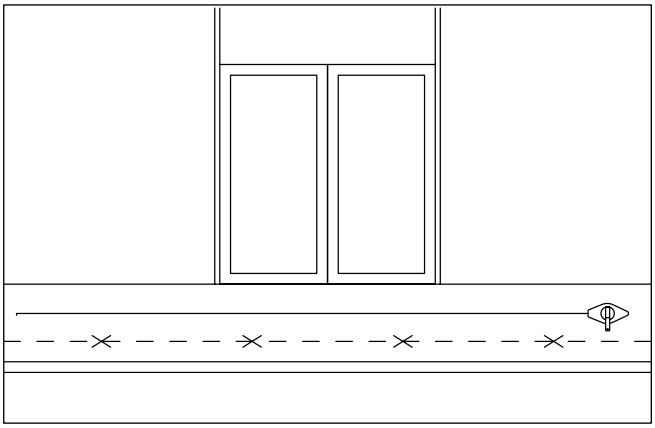


Choose a suitable installation area that:

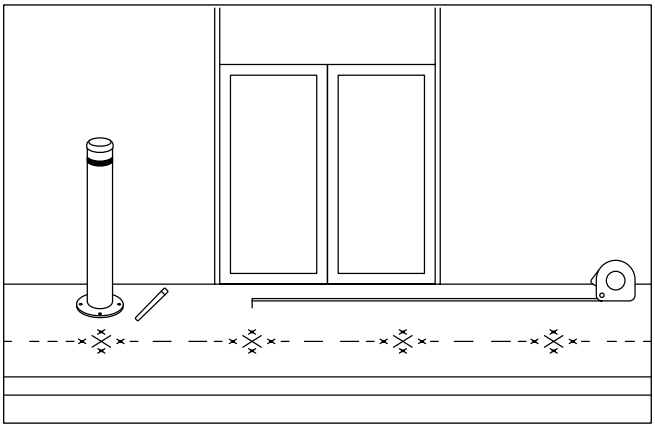
- Provides the required level of vehicle protection or access control.
- Does not obstruct pedestrian pathways or required access areas.
- Allows adequate spacing between bollards and surrounding structures.
- Is structurally suitable for the selected fixing method.

⚠ Before installation, confirm the surface condition and ensure the fixing method is appropriate for the substrate.

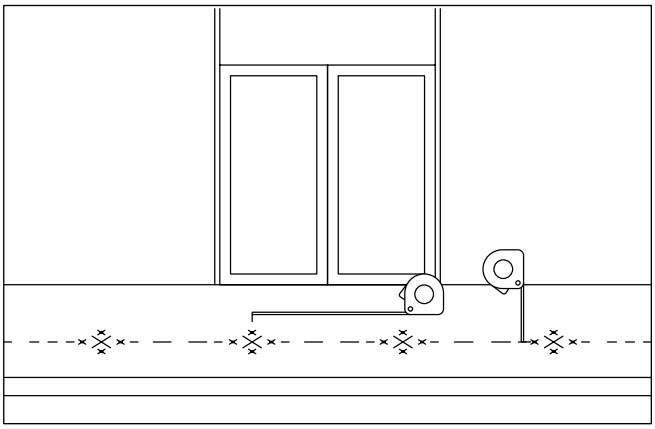
2. Mark Installation Points



2A Confirm the required bollard position and alignment.



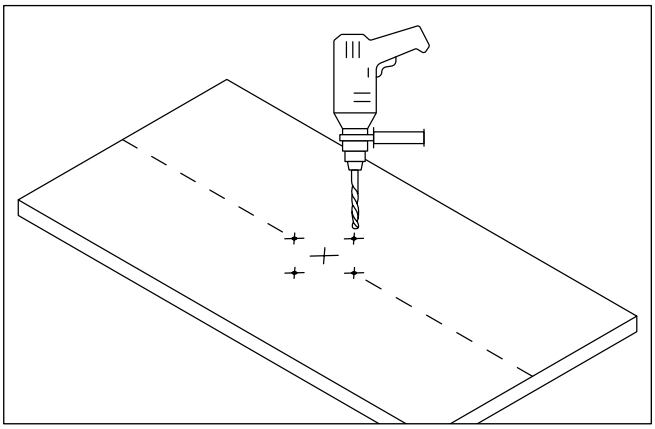
2B Measure and mark mounting locations.



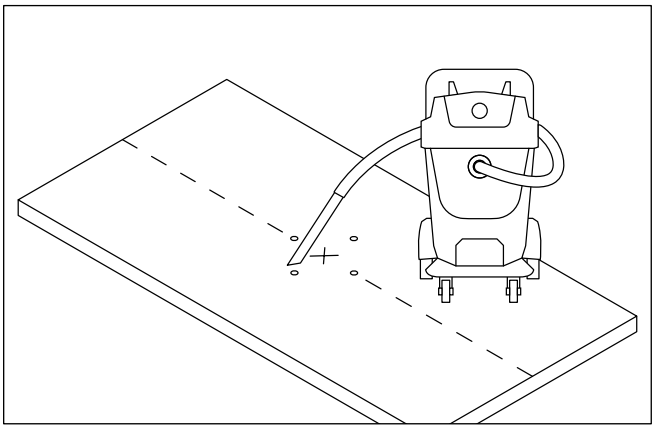
2C Ensure spacing requirements are suitable for the intended application.

Installation Steps

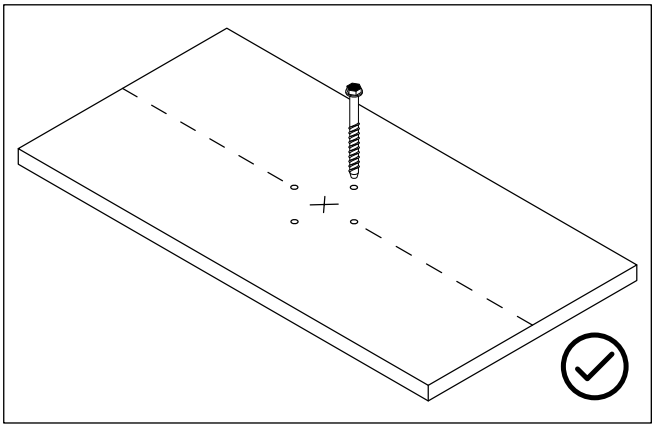
3. Drill Fixing Holes



3A Drill holes at the marked locations using the appropriate drill bit.

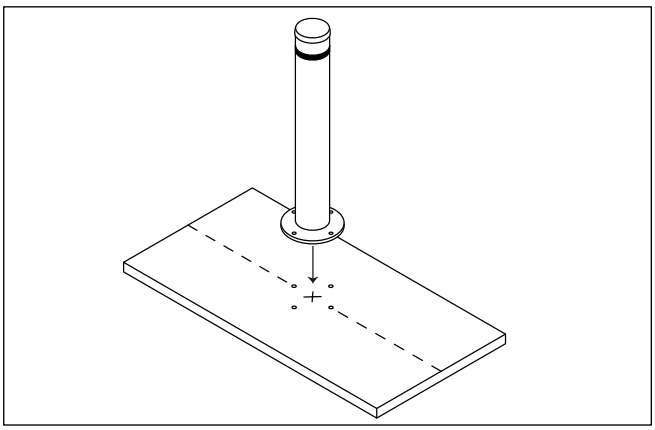


3B Remove dust and debris from drilled holes.

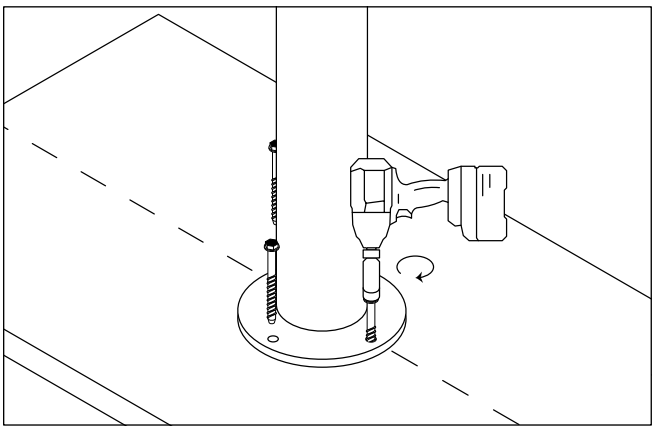


3C Confirm hole depth and size are suitable for the selected fixings.

4. Secure Bollard



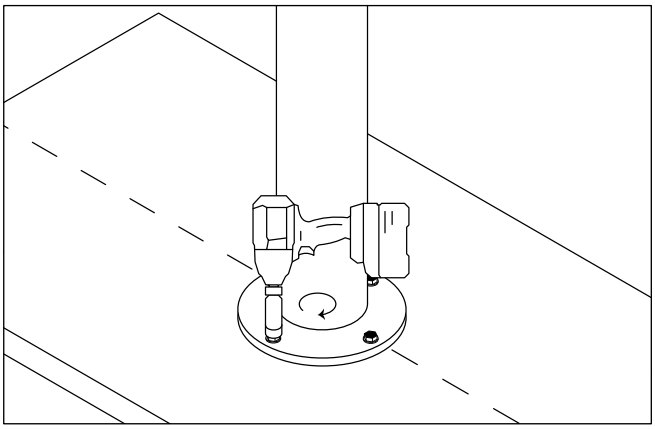
4A Position the bollard base plate over the fixing holes.



4B Install suitable anchors or fixings through the mounting points.

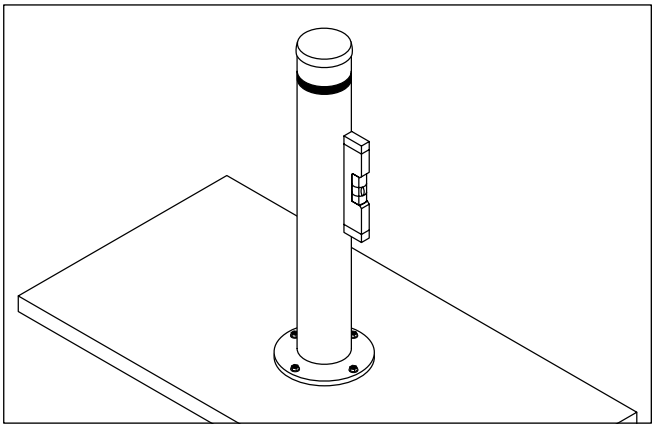
Installation Steps

4. Secure Bollard

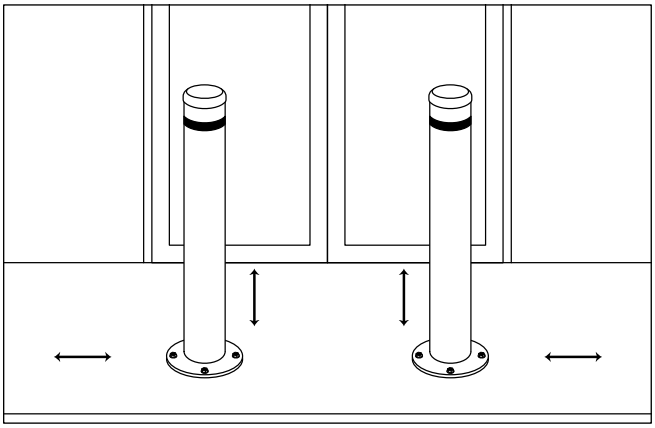


4C Tighten securely until the bollard is firmly attached.

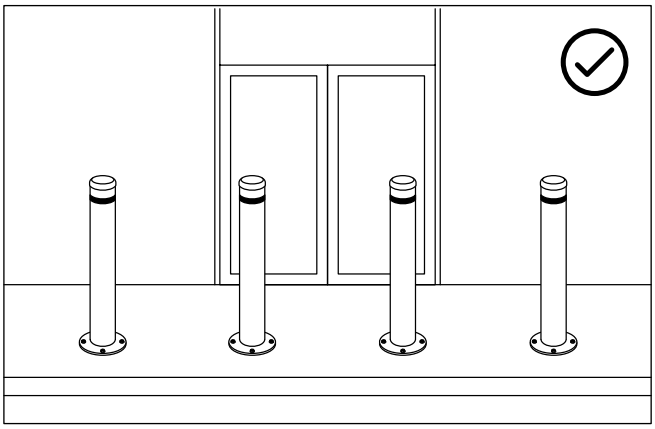
5. Final Inspection



5A Confirm the bollard is stable, aligned, and securely fixed.



5B Check surrounding areas remain accessible.



5C Ensure installation meets the intended application requirements.

Need Help Installing Your Bollards?

Correct bollard selection and installation are essential to ensure effective performance and long-term reliability.

If you are unsure which bollard solution is suitable for your application, require assistance with installation, or have a large-scale requirement, the Enforcer team can help.

Contact us to discuss your site requirements and find the right bollard solution.

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safety products

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