



SB.24 REMOVABLE BOLLARD

INSTALLATION AND USER INSTRUCTIONS

Read in full before starting

SAFETY

We recommend the following minimum precautions are taken:

- Wear appropriate safety clothing
- Eye protection and hand protection should be worn when mixing concrete.
- Wear strong protective gloves.
- Secure site from pedestrians and vehicles, where applicable, by the use of high visibility tape, barriers, cones, safety lamps etc.
- If you use a power supply ensure that it is secure and in a safe dry location.
- Ensure there are no underground services that may be affected.

FEATURES

- From a rigid barrier when positioned. Used to exclude the access of all but emergency and service vehicles from traffic free zones and to prevent unauthorised access. Commonly found where access is only occasionally required, or during daytime so posts can be locked up at night.

INSTALLATION INSTRUCTIONS

- Determine the position of the installation.
- Bollards up to 114mm diameter break the surface and make a hole at least 277mm deep and 380mm square. Allow for drainage at the bottom of the excavated socket hole by lying at least 10mm of chippings.
- Position the socket only, centrally in the hole, ensure the lid is flush with the surrounding area and plumb in vertically.
- Fill the remainder of the hole with 4:2:1 concrete mix and smooth off neatly to lid surround, leaving slight fall away.
- Wipe away any splashes of concrete from the socket.
- Close the ground plate so it is flush with the surface
- Leave for 24 hours before positioning the bollard in the socket. For bollards larger than 114mm diameter, the hole depth should be approximately 50mm greater than the depth of the socket to allow drainage through the respective depth chippings. The hole should approximately be 400/500mm wide.
- The locking mechanism for larger bollards is usually a simple lug and padlock fixing through a section of the socket lid/flap.

USER INSTRUCTIONS

- To position the bollard lift the ground plate, place the bollard in the recess in the ground socket, ensure that the hole for the retaining pin is aligned correctly with the locking bracket on the underside of the ground plate.
- Next insert the retaining pin in the socket, then position the padlock through the hole in the retaining pin and lock.
- To remove the bollard, first unlock the padlock and remove it, then disengage the retaining pin from the locking bracket on the underside of the ground plate. The bollard can then be lifted out. Once clear, the ground plate can then be closed flush with the ground leaving no protrusion or trip hazard for pedestrians.

MAINTENANCE

- Clear out all debris and leaves from the ground socket and hinge.
- Occasionally clean all surfaces with soap and water.
- Occasionally apply light oil (WD40 or similar) to the hinge if required.