

Installation guide

Surface Fixing Bollard



Leaffield Highway product



Cleaning Products should be rinsed with clean water and then washed with a mild detergent solution using a bristle brush or sponge. Care should be taken not to apply undue pressure that may damage labels. Flush clean with water after washing.



Manufacturing Standard (as applicable)
All LEAFIELD Environmental products are manufactured to BS EN ISO 9002.
Plastic materials: Mechanical properties tested to BS 2782
Hot dipped galvanised: BS 729
Powder coating: BS 3900
Zinc coating: BS 1706



Tools Chalk, Hammer drill, 15mm masonry drill bit, Mallet, 6mm Allen Key.



PPE Always wear appropriate PPE equipment and follow safety guidelines.

Marking and drilling holes



1 Ensure supporting course is no less than 100mm in depth. Position bollard and mark through the holes with chalk.



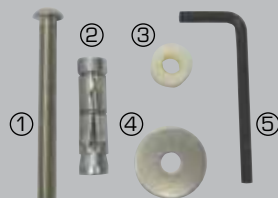
2 Drill 15mm holes at the four marked positions to a depth of 115mm to accommodate the ground fixing bolts.



3 Place raw bolts into each of the four holes.

Please Note:

- 1) 4 x dome hex head bolts
- 2) 4 x raw bolts
- 3) 4 x nylon spacers
- 4) 4 x washers
- 5) 1 x 6mm allen key



Preparing holes for screws



1 Hammer raw bolts fully into each of the 4 holes.



2 Insert nylon spacers into each of four holes on bollard.



3 Add washer: Push dome hex head bolts through holes in bollard locating into drilled ground holes in the concrete below.

Tightening screws



1 Using allen key, tighten screws until tops sit flat on the bollard base with the washer between bolt head and bollard.



2 Tighten the screws to 22.0Nm torque for concrete. Tightening the bolts will fan out the bolt sheath in the hole gripping the bolt in place.

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