

# Installation guidelines

## LEAFIELD bollards

### Socketed Bollard



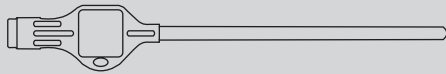
**Cleaning** Products should be flushed with clean water and then washed with a mild detergent solution using a bristle brush or sponge. Care should be taken not to apply undue pressure that may damage labels. Flush clean with water after washing.



**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 galvanized: BS 729  
 Powder coating: BS 3900  
 Zinc coating: BS 1706

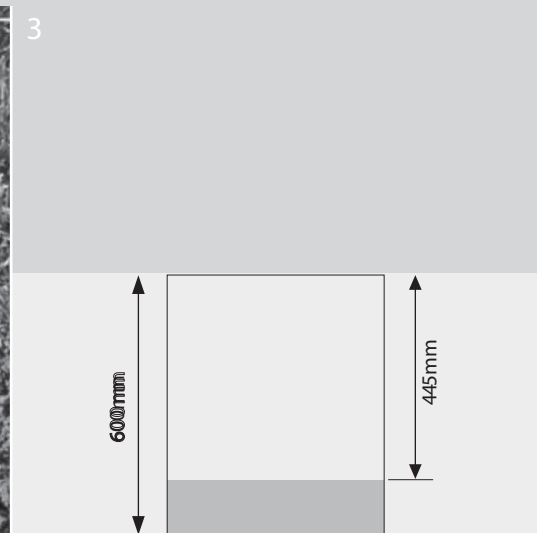
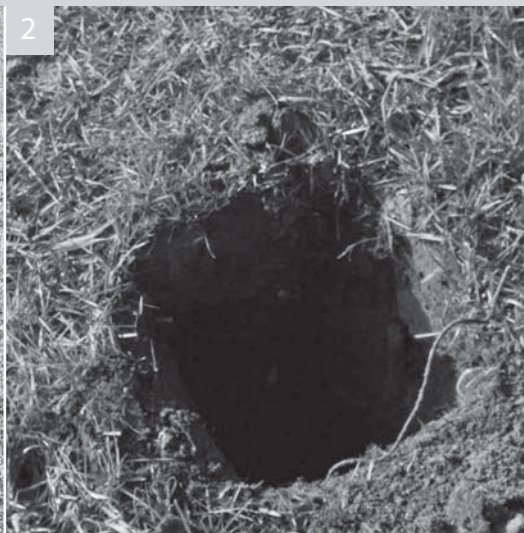


**Tools** Spade, concrete mixing equipment, Key:



**PPE** Always wear appropriate PPE equipment and follow safety guide lines

### Preparation



Socketed bollards come in two parts. Socket, to be secured below ground and bollard which locks into socket. A blanking cap is available as an optional extra

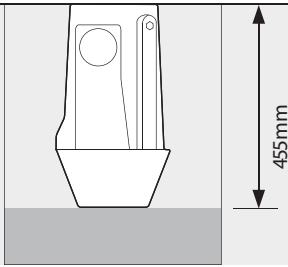
Dig hole approximately 470mm square x 600mm deep

Bed hole with 155mm of type 1 infill ensuring a final hole depth of 445mm allowing the top of the socket to match the final ground level

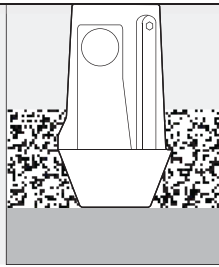


**Check site for buried services.**  
 Ensure site is protected from pedestrian / vehicle access in accordance with New roads and Streetworks act 1991

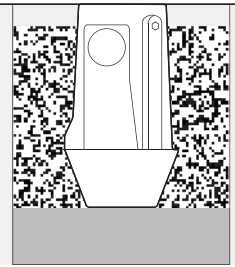




Inset socket into hole resting on infill. The socket has a moulded-in road side indicator, position the socket so that so that the surface containing the indicator is facing the road side. This will ensure the reflective banding faces the correct direction.



Whilst holding the socket vertical partially fill the hole with type 20 concrete

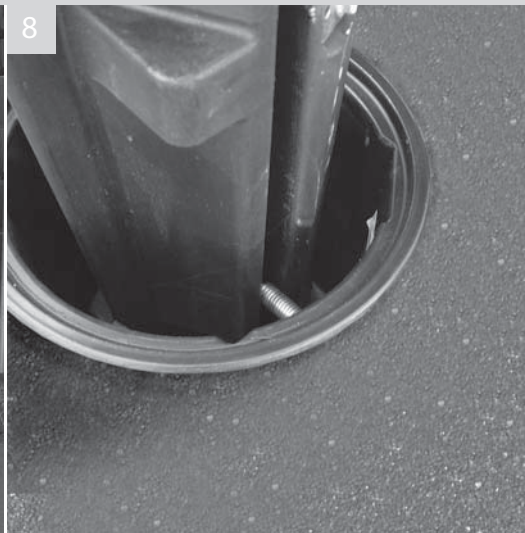


Keeping socket vertical continue adding concrete until 100mm below ground level. When concrete has cured replace final wearing course to ground level

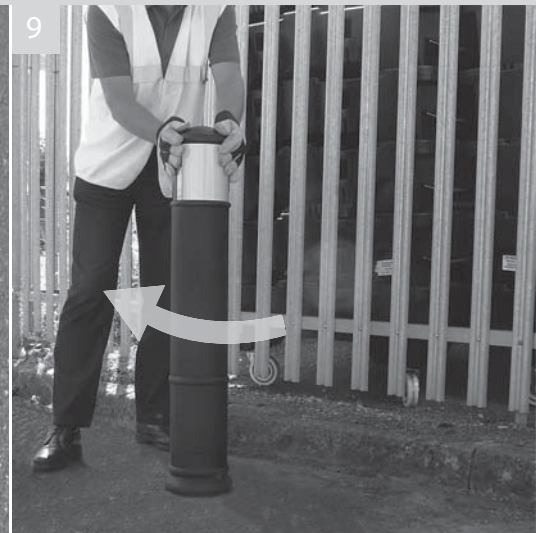
Installing bollard into socket



Lower bollard into socket



Align so that horizontal locking pin in socket sits with the deep groove in bollard



When bollard is at its lowest level twist clockwise until lock is heard to engage



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