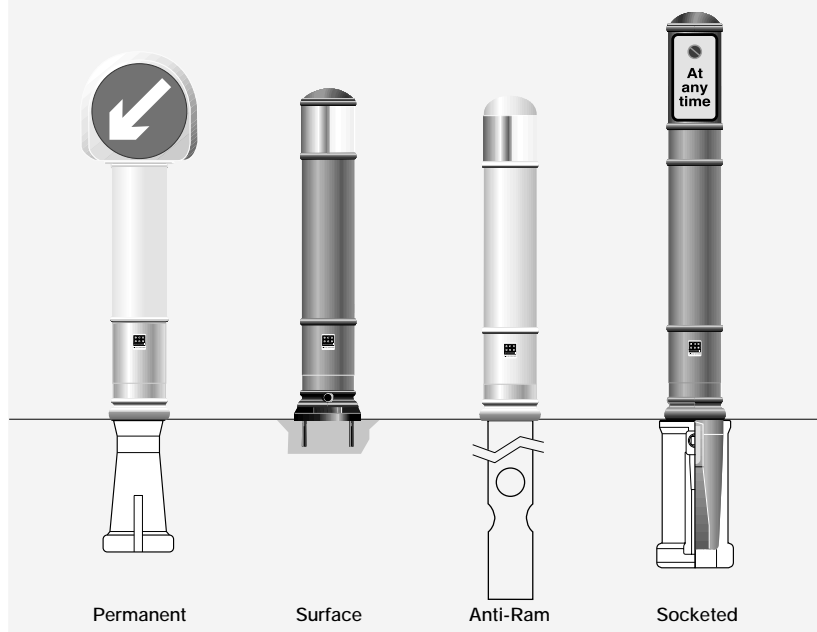


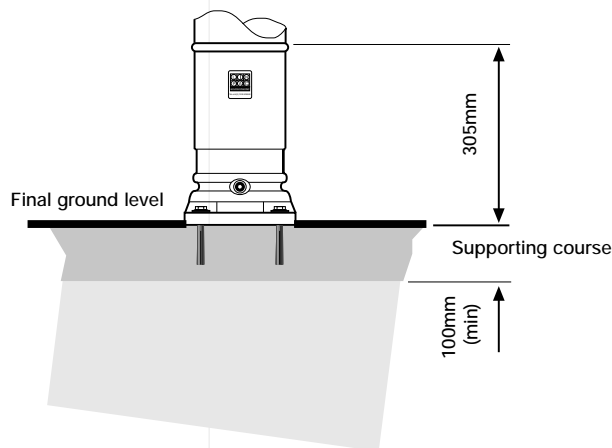
CI/SfB  
(90.7) x

There are four standard fixing methods for LINPAC bollards - socketed, surface, anti-ram and permanent. Fixing methods are detailed on individual Installation Instruction Sheets. (For LINPAC Edgeminder mini bollard, see separate Installation Instruction Sheet)



# LINPAC surface fixing

## Installation Instruction Sheet



surface fixing is ideal for use in multi-storey car parks, on bridges and in any applications where below ground services or surface membranes may be vulnerable

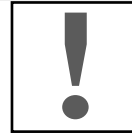


# LINPAC surface fixing

## Installation Instructions

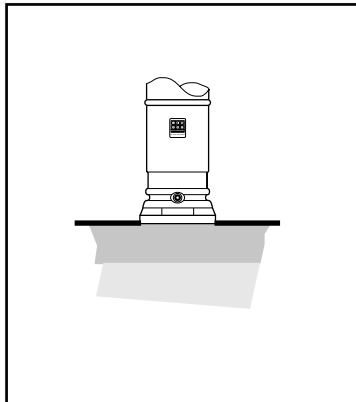
### 1 CHECK SITE FOR BURIED SERVICES

Ensure site is protected from pedestrian / vehicle access in accordance with New Roads & Streetworks Act 1991. Before proceeding, ensure that wearing surface and its supporting substrate are strong enough to retain expanding bolt fixings.

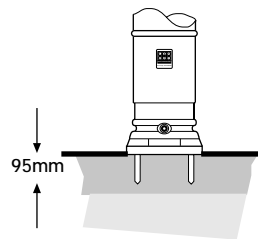


### 2 Position bollard.

If bollard is fitted with reflective banding, orientate as follows:-When viewed in the direction of the traffic flow, red should be showing on the left hand side of the road, and white on the right hand side.



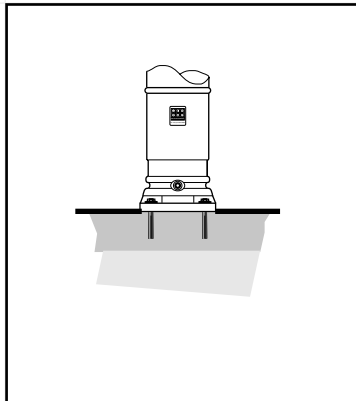
Check bollard is vertical





3 With bollard in position and using a 12mm dia masonry drill spot through base to mark wearing surface to a depth of 10mm. Remove bollard and drill each hole to a depth of 95mm.

### 4 Reposition bollard.

If bollard is fitted with reflective banding, orientate as follows:-When viewed in the direction of the traffic flow, red should be showing on the left hand side of the road, and white on the right hand side. Locate the 4 expanding bolts through base into the drilled holes and tighten to ensure the required rigidity.



 **Type 1 infill:** well compacted granular hardcore

 **C20 concrete mix:** 4 x aggregate (20mm aggregate): 2 x sand: 1 x cement.



post

Leafield Way, Leafield Industrial Estate  
Corsham, Wiltshire SN13 9UD



telephone

+ 44 (0)1225 816500



facsimile

+ 44 (0)1225 816501



website/email

www.linpac-environmental.com  
envinfo@linpac-environmental.com

