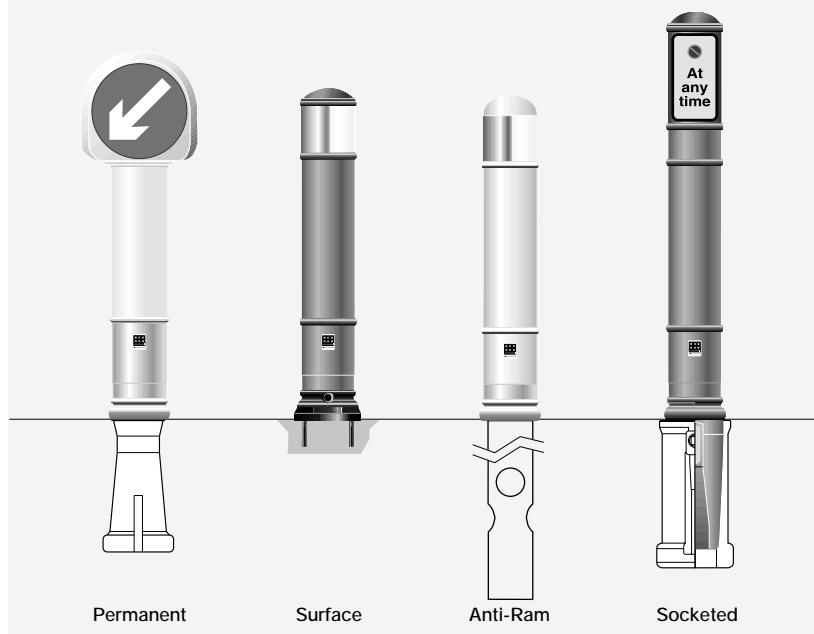


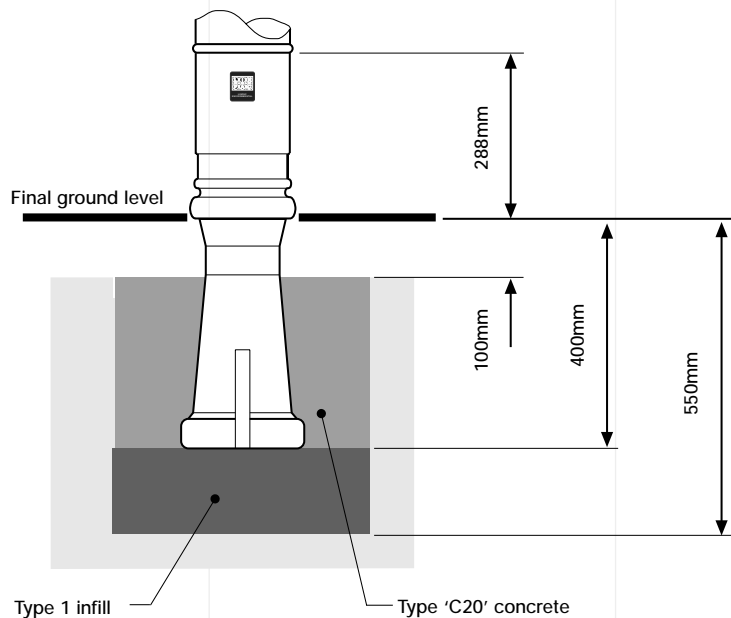
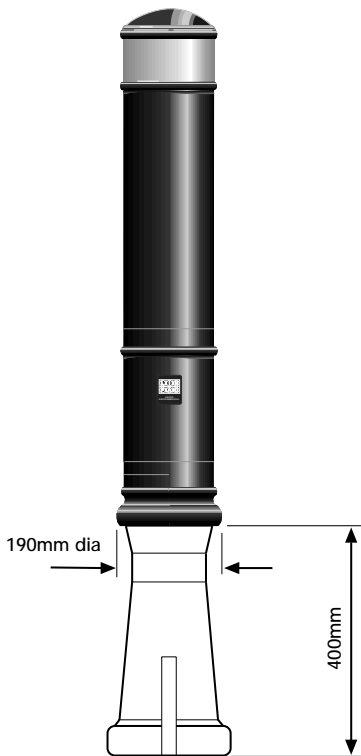
CI/SfB
(90.7) x

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 permanent fixing

Installation Instruction Sheet



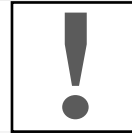
the bollard base is concreted in for permanent fixing, the moulded return at the base ensures that the bollard cannot be removed



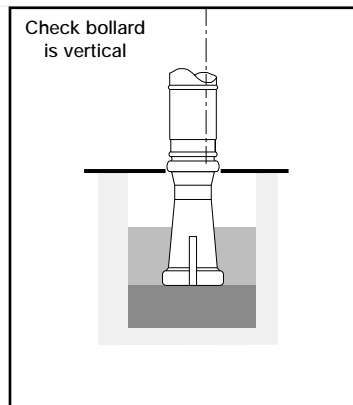
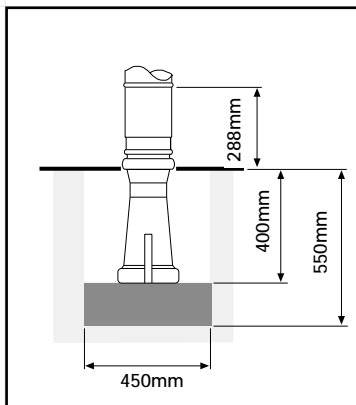
LINPAC permanent fixing

Installation Instructions

1 CHECK SITE FOR BURIED SERVICES
 Ensure site is protected from pedestrian / vehicle access in accordance with New Roads & Streetworks Act 1991.

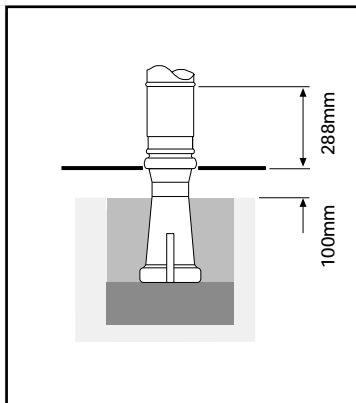




2 Dig hole approximately 450mm dia x 550mm deep. Bed with type 1 infill and ensure that base of the bollard plinth is at final ground level.



3 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. **Partially fill hole around bollard with C20 concrete mix and tamp down.**

4 Continue to add concrete until 100mm below final ground level. Cover while concrete cures. When the concrete has cured make good to final ground level with final wearing course.



-  **Type 1 infill:** well compacted granular hardcore
-  **C20 concrete mix:** 4 x aggregate (20mm aggregate): 2 x sand: 1 x cement.



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