

Steel fixings

Broxap's steel bollards have a variety of fixing options to suit the chosen bollard and its situation.

Root fixed (-RT)

All steel bollards are available root fixed. Most roots are 300mm long with a welded peg running through to key into concrete. Other root lengths are available.

Base plated (-BP)

Steel bollards are also available with a fully welded pre-drilled base plate which may be fabricated round or square in various sizes allowing the bollard to be surface fixed. This may be advantageous where underground services are present such as electric cables or pipe work requiring shallow foundations.

'Anti-ram'

To enhance the strength of the product steel bollards may be:

- Filled with concrete before/during installation by a qualified installer,
- Supplied with an extended root adding further security,
- Supplied with RSJ or Steel Bar reinforcement.

'Anti-Ram' – Broxap's range of bollards denoted 'anti-ram' have been designed to provide increased integrity and durability over the equivalent standard bollard. All products within this range, although stronger, have not been subject to impact testing.

Removable (-RM)

Steel bollards may be converted to provide a removable option. Mild steel bollards are supplied with a mild steel socket into which the bollard is secured with a lug and padlock arrangement. The socket features a flush fitting lid which prevents tripping hazards.



BX14 6531 Swansea root fixed steel bollards. Olive Garden, Liverpool.

