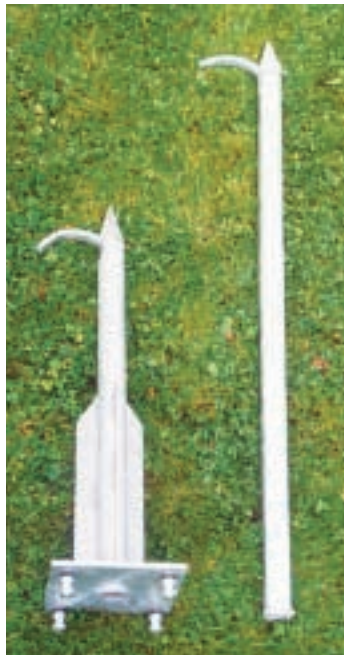


Ground Anchors

We have modified a substantial number of our products to enable them to be ground fixed using the unique Rootfast® anti-vandal anchorage system from Earth Anchors Ltd. These popular anchors add a further dimension to our ground fixing options, and enable items of street furniture to be securely ground fixed very quickly indeed. Installation costs are genuinely reduced using these anchors, and are more predictable, so staying within budget limitations is easier. The ground must be suitably firm for these anchors to work properly, and it is important always to check for buried services before starting and to use the probe supplied in the installation kit to ensure that the ground is suitable, and clear of obstructions. All parts of the A7 seat anchor are invisible after



A7 seat anchor (right), AB3 litter bin anchor (left), with flukes extended



Anchor point with fluke extended



Cardiff Bin with ground anchor attached

installation, which makes the system very tamper resistant. Litter bins are secured to the flange of the AB3 ground anchor by four tamper resistant shear nuts, which is equally tamper resistant.

Many of our seats and litter bins have been modified to enable them to be ground anchored. The method of installation varies slightly according to the model specified; some designs require the use of a simple positioning jig (coloured yellow in the photographs) to maintain accurate leg spacing. Litter

bin anchors are dimensionally different to seat anchors, though the installation principles are the same. Seat anchors extend approx. 650mm into the ground, and bin anchors extend approx. 750mm into the ground.

Ground Anchor Benefits

- Simple, low cost installation
- No labour intensive excavation
- No time consuming concreting
- No mess and disturbance to surrounding area
- No delays due to adverse weather

INSTALLATION TOOLS



Driving Extension



Lump Hammer



Probe



Reversible Ramrod

Ground Anchors

Installation

The installation kit, which is reasonably priced and can be used many times, consists of a probe, driving extension and a reversible ramrod. The other tools required are a four pound

lump hammer, and for some designs, a positioning jig. The actual method of installation for a seat is straightforward, and in average circumstances might take 45 minutes:

