



# QUADRABUILD

Unit 1 Falkland Farm,  
Andover Road,  
Wash Water,  
Newbury,  
RG20 0LP

T: 02086 445 434

E: [sales@QuadraBuild.com](mailto:sales@QuadraBuild.com)

W: [www.QuadraBuild.com](http://www.QuadraBuild.com)

## 64mm QuadraPile - Additional Installation Notes and Tips

### **Health and Safety**

Piles should only be installed by suitably experienced and competent operatives.

Every site, project and team of installers will vary so installers must take responsibility for carrying out risk assessments and producing method statements for safe working procedures.

Particular note should be made of the potential for underground services.

### **General**

Ensure that the first section is installed vertically (or at the required angle).

Make sure the sections are tightly screwed together as you add them on. Use a set of 'stilson' grips to tighten them - the fins do not need to line up between the sections.

If threads become damaged or clogged then you may need to run a tap or die along the threads to clean them up.

The piles should drive gradually into suitable substrate. The time taken per metre will vary significantly - there are many variables (including the frequency of the driving equipment, length of pile, ground conditions, etc) that have an effect on the speed that the piles will drive into the ground. If there is particularly hard ground such as rock, sandstone, etc. then you are unlikely to be able to drive the piles into this.

### **Driving Equipment**

We recommend a high quality, heavy duty breaker. This can be electric, hydraulic or pneumatic.

To use the driver attachment, you will need a breaker that takes a standard 32mm (1¼") hex shaft. Some breakers, especially lighter weight machines, take 28-30mm (1¼") hex shafts. These will not take the driver attachment and these breakers will generally not be powerful enough to drive the piles in any case.

Depending on the ground conditions and your driving equipment, you may find that the piles drive better without the use of the steel head washer. You can drive directly on the pile but this usually deforms the pile to the extent that you cannot use the threaded hole in the top. You can re-use the same section by unscrewing it each time or even cut a section of pile off to use as a drive head if preferred.

### **Advice**

We can offer a certain amount of advice via phone or email but unless we are designing, supplying and installing the solution, we cannot take responsibility for the performance.

### **Lateral Stability**

The piles are intended to work in compression and tension. The lateral stability of the piles will be dependent on the surrounding ground and you will achieve some stability, especially when using multiple piles but, generally, sufficient lateral stability is provided by a concrete cap, steel work or an existing structure.

No more than 300mm of the top of the pile should be left above ground level or in loose ground.



[www.QuadraBuild.com](http://www.QuadraBuild.com)

QuadraBuild Ltd (formerly Stati-CAL Ltd) - Registered in England 05565876 - VAT No. GB 902 1902 65  
Registered Office: Unit 1 Falkland Farm, Andover Road, Wash Water, Newbury, RG20 0LP

