

# Precast Concrete Piles Information Sheet



## Greenpiling

Manufactured off site in factory controlled conditions, Green Piling use fully reinforced precast concrete piles, in single lengths up to 14m.

Where soil conditions dictate, piles are jointed using fully interlocking mechanical joints.

Being fully reinforced with a minimum of a 4 bar cage allows for a more rigid pile allowing greater driving stress and high production rates and working capacities. Horizontal and tension loads can also be accommodated.

Precast concrete piles are suitable for a wide range of ground conditions and are typically more economically advantageous than other piling systems as there is no spoil to dispose of and higher strength concrete allows for a smaller pile in comparison to an equivalent bored pile.

High strength concrete piles have high chemical resistance and are not affected by the presence of ground water.

Green Piling's precast concrete piles are an efficient form of piling, generating no spoil for costly disposal, using high quality materials and allowing for immediate follow on work.

### Advantages of Precast Concrete Piles:

1. Compacts the soil hence improving its characteristics, which can reduce driven lengths
2. No spoil to be removed
3. High production rates
4. Piles ready for immediate follow on construction

Specification	
Sizes Available	200/250/300/350 square
Joints	Mechanical
Load	Max 1200kN

