

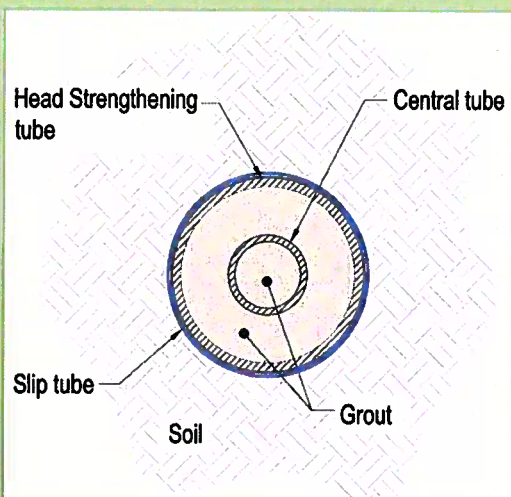


# Shirepiles & Shirestabilisers

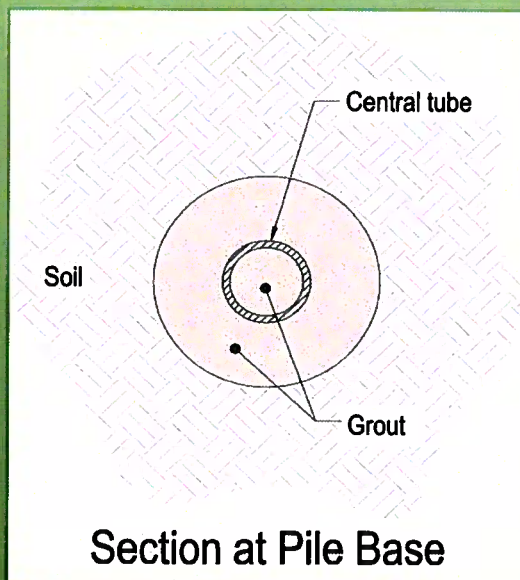
## A new pile for Clay Sites

### Benefits

Higher capacity	- Up to 120kN
Greater Depth	- Up to 10m
Easy Installation	- Typically around one hour per pile
Lightweight Rig	- Can be manoeuvred by hand
Corrosion Resistance	- High strength pultrusion components
Small diameter	- Reduced waste



Section at Pile Head



Section at Pile Base



### Technical Innovations

#### Slip Tubes

Twin head tubes reduce the dragdown forces on the pile by up to 100% more than traditional slip tubes, allowing smaller diameter piles to be used. Patent pending.

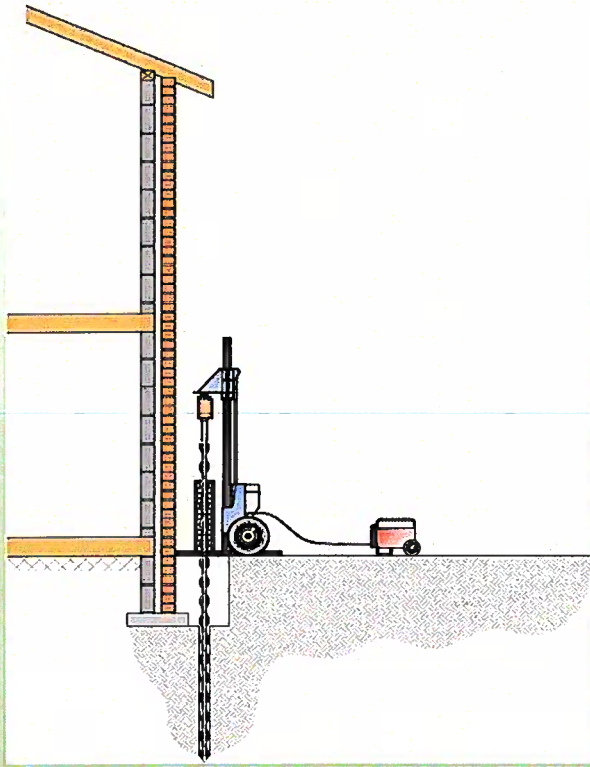
#### Pultrusion Head Tube

The lightweight pultrusion head tube gives a high bending strength to the top 3m of the pile allowing remedial piles to be used individually on one side of a building foundation. Patent pending.

#### Tubular Central Reinforcement

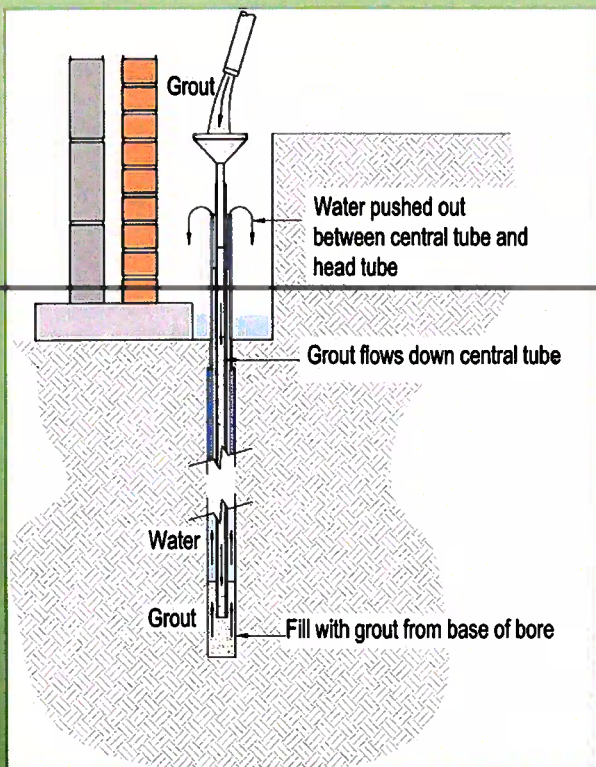
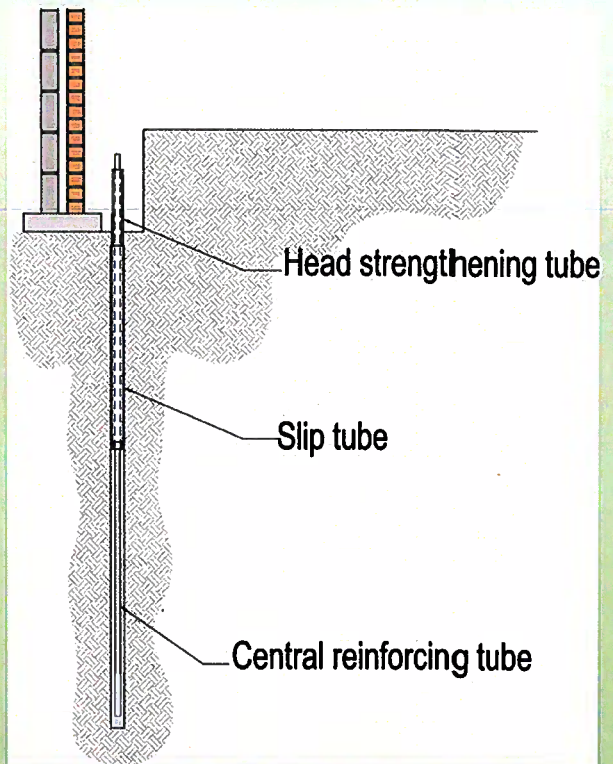
The central pultrusion reinforcement gives high tension/compression resistance and eliminates the risk of corrosion due to micro cracking of the grout. The hollow tube allows the grout to be placed in the base of the bore and this flushes out any ground water as the pile is filled. Patent pending.





**Stage 1 – The foundation is exposed and holes augered to depths 8-10m.**

**Stage 2- The augers are withdrawn and the slip, head and central tubes inserted**



**Stage 3 – The bore is filled with grout from the base, flushing any excess water out.**

**Stage 4 – Complete Reinforced Concrete Cap.**

