

# Steel H Piles Information Sheet



## Greenpiling

Steel H Piles are capable of providing high load bearing capacities when driven to found on hard stratum and can be driven with high energies to achieve deep penetrations into bearing stratas.

The small size for a high capacity pile allows for the close pile spacing; particularly suited to highway structures.

Supplied in a wide range of sizes, Steel H piles can be driven to great depths and can be designed to provide high bending and tensile capacities. Steel H can be supplied with coated surfaces to cater for both ground conditions capable of inducing negative skin friction and aggressive soils.

Steel H is easy to handle and driving does not cause large soil displacements, therefore, ground heave can be minimal, with minimum site disruption and no added expense of site clean up.

### Advantages of Steel H Piles:

1. Cost effective
2. Speed of installation
3. Minimal ground heave

## Steel H Pile Retaining Walls

Green Piling offer a design, supply and installation service for H pile retaining walls.

Also known as king post, berlin soldier or sleeper walls, the retaining structure is formed from the installation of steel H piles at set spacings and infilled with timber or concrete planks within the H piles web.

Piles can be deigned to cantilever, for relatively small retained heights up to 3m, or with the addition of propping or shoring greater retained heights can be achieved subject to soil conditions and pile installation method.

H piles are particularly suited to temporary retaining situations and housing developments. Piles can be infilled with reclaimed railway sleepers or new timber for a natural environmentally friendly appearance.

These retaining walls are inexpensive and fast to install and are ideally suited to suburban locations.

Green Piling Limited · Smithy Brook Road · Renishaw · Sheffield S21 3JS · Tel: 08450 511 800 · Fax 08450 511 800 · E-mail: [enquiries@greenpiling.co.uk](mailto:enquiries@greenpiling.co.uk)

