

Geotechnical Engineering Software

Calculate vertical loads on a range of piles

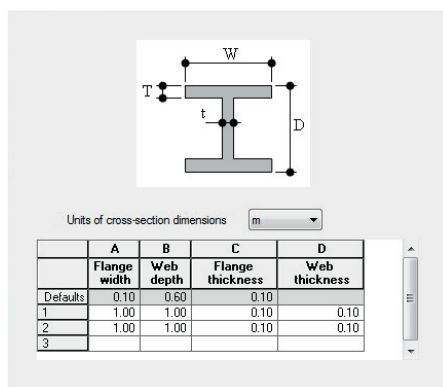
Pile calculates the vertical load carrying capacities and vertical settlements of a range of individual piles in a layered soil deposit. The theory is based on both conventional and new methods for drained (frictional) and undrained (cohesive) soils. Capacities can be calculated for various sections of pile with or without under-ream.



Piling

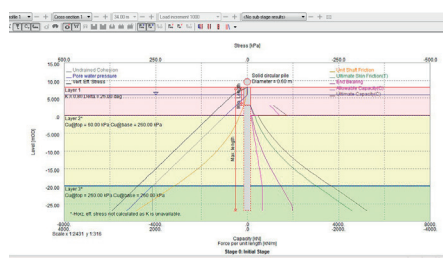
How Pile works

The use of Pile software provides a quick and simple method of determining a pile's load and capacity, as well as its settlement and the surrounding ground displacement. It can be used to perform EC7 calculations and is supported by UK National Annex.



Pile wizard

Pile can be used to evaluate settlements arising from thermal and cyclic loads. Loads carrying capacity calculations using static formula from IS 2911 are supported. Problems are quick to set up and results are easy to find using the gateway, which can be exported for post processing.



Pile capacity output

for more advice on our piling solutions.

Benefits

- Analyses pile vertical capacity and settlements
- Quick analysis method
- Extensive output capabilities
- Wizard allows for various pile sections and diameters to be analyzed
- New feature utilizes cutting edge research, enabling users to use P-Y curves to calculate settlements and analyze thermal piles



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