



Micro piles are small-diameter piles with relatively high load bearing capacity.

Execution

Boreholes are drilled and filled (under pressure) with a cement/water grout and in which a reinforcement is installed which consists of rods or tubular elements. Micro piles can be used as compressive as well as tensile elements.



Applications

Micro piles are often used in confined and difficult accessible places – for example, for reinforcing of existing building foundations or to provide foundations for machinery in factory buildings.



Advantages

- Possibility of drilling through existing foundations.
- Installation at different angles
- Reduction of execution time and cement construction by using the drill rods as reinforcement elements which are left in place.
- Execution method free from vibration