

Fundex, specialist in the field of (deep)fundations



Fundex® pile with grout injection

Vibration-free, (ground-formed), soil-displacing concrete screw pile, installed to depth using a steel temporary tube and with the addition of grout injection.

Method:

- A steel (auxiliary) tube, equipped with a loose drill tip, is placed at ground level;
- The pipe is screwed to depth by applying axial pressure and torque and adding grout injection;
- When the desired pile tip level is reached, the reinforcement is suspended in the tube;
- The tube is filled with concrete;
- The tube is pulled in an oscillating manner, leaving the drill tip behind;
- The pile has now been constructed;
- The rig can be moved to the next post location.



Interested?

On our website you will find an overview of the expertise that Fundex has built up over the past 70 years.

Advantages:

- Vibration-free and 100% ground-displacing (no relaxation of the ground or reduction in cone resistance)
- No risk of damage to adjacent plots during the manufacture of the pile;
- A large load capacity is permitted;
- Extremely suitable as a compression and tension pile;
- Can be installed in (very) heavy soil layers;
- No noise pollution, such as pile driving or vibration. The only noise is the motor of the drill;
- No soil drainage. Soil is pushed away sideways.

Utrecht High five

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