





Technical description:

type	r 60	r 100
length	1m	1m
material	slitina AISi7Mg0,3	slitina AISi7Mg0,3
threded bar	M12	M20
norm	DIN975	DIN975
cross section		

	trida	SPT	60mm STATI Pile		100mm STATI Pile	
			Tah (kN)	Tlak (kN)	Tah (kN)	Tlak (kN)
Top soil/loose II	F5	0-5	5	8	7	10
Soft clay	F7	1-4	7	10	10-20	15-25
Firm clay	F6	4-8	10-15	15-20	25-35	30-40
Stiff clay	F6	8-20	25-30	30-40	40-60	70-90
Soft sandy clay	F4	1-4	7	15-20	12-15	15-20
Sandy gravels	G3	20-40	10-20	30-40	15-30	40-60
Gravel beds	G1	30-50	30-40	30-40	20-60	150
Mud stone		50+	50	50	150	150
Clay stone		20+	50	50	150	150
Leaning against rock masive		50+	50	50	150	150

All above information is only guide. Micropiles must be first proof tested in situ on site.

STATI-CAL®

STATI Pile
micropiles



EM4C
Engineering Materials for Construction

Innovative solutions
...for better living



STATI Pile

Recyclable

Lightweight

Made of aluminum alloy

1 meter segments

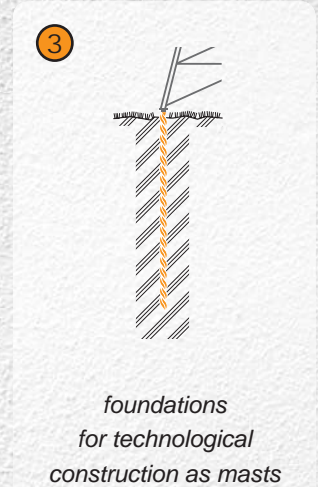
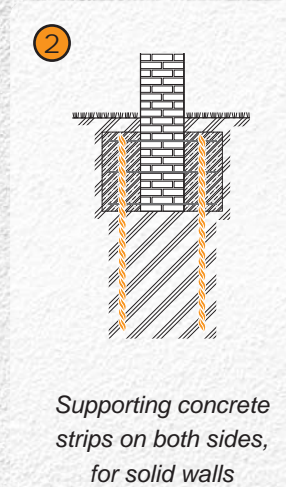
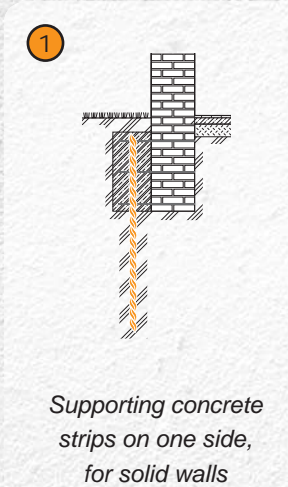
Spiral shape

Screwed into the ground

High corrosion resistance

Advantages of the system

- 1) Speed of installation
- 2) No devastation of the surrounding
- 3) Immediately loadable and testable
- 4) The use of lightweight equipment for application
- 5) No concrete
- 6) Without excavation and soil transport
- 7) Extreme durability
- 8) Use for high load in pressure and tension



its own piles and the pile literally screwed into the foundation soil. This eliminates vibrations to surroundings and possible damage to other, standing constructions.

Because individual micropiles can be easily set in meter segments by a strength stainless threaded rod, we are not limited by the length of their installation. Micropiles STATI Pile are available in two versions r60 and r100mm, with different bearing load.

STATI Pile - micropiles, which allow you to realize your building in a very short time and almost anywhere. Easy to use lightweight equipment allows applications to very unbearable types of foundation soils.

Micropiles shape is unique in its cross section and the ratio of the total surface, which, thanks to friction guarantees their functionality. Likewise, the shape of the micropile in the spiral provides its func-

tionality in two main directions of stress, and compression. Exceptional corrosion resistance alloy used for their manufacture ensures durability of the piles longer than the required minimum service life in permanent buildings. Piles have high resistance in aggressive soil and excellent conductivity.

The micropiles are immediately after application testable, it can determine the required depth according to the calculation load.

Installation of micropiles is without the use of concrete and without excavations and soil transport.

Micropiles STATI Pile are recyclable and reversible after installation.

Using aluminum alloy for production make an extremely low weight micropiles, which not overloading soil under foundation. Their low weight contributes to the ease of transport and to reduce the environmental load to the nature.

Micropiles STATI Pile are hammered by hydraulic or pneumatic hammer, which operates in the forward direction only to

