

Soil stabilizer for road engineering.
Appropriate for soil stabilization during
road, street and yard construction
Used in road engineering for
stabilization of clay and loose soil



Modern technologies in road engineering



**Chemical & hydraulic
technology for soil
stabilization**

Alternative for aggregates

*The technology is not only
technically but also economically advantageous solution.
It guarantees greater road stability in comparison
to any traditional method.*

About us

modern technologies in road engineering

CLAY SOIL STABILIZATION

Range of activity:



Our team comprises:

- Designers
- Process engineers
- Geologists
- Hydrologists
- Building engineering supervisors
- Building industry subcontractors
- Environment protection advisors
- R&D institutions
- Ecology Experts Association

Work execution

- Complexed road engineering works based on modern technology,
- Clay and loose soil stabilization employing chemical and hydraulic method,
- Modern roads construction, design, engineering along with services in scope of environmental protection,
- Waste management, land reclamation, revitalization of degenerated industrial land.

Manufacturing

- Chemical soil stabilization agents,
- Hydraulic binders for soil stabilization.

We offer:

Permanent soil stabilization: this includes stabilization of clay, swelling and loose soil which is hard to stabilize and is in fact useless for road engineering purposes, thus it has traditionally been replaced during construction works.

Ecological and cheap road engineering with improved surface (wearing course) made by double retreading with basaltic grit and asphalt emulsion – employing subsoil as a road foundation for enriched pavement.

Damaged pavements recycling is done by renovating old and damaged bituminous and mineral pavements employing i.e. deep recycling accompanied by stabilization (35-40 cm of soil depth).

Broad application

Chemical and hydraulic stabilization technology is widely used in:

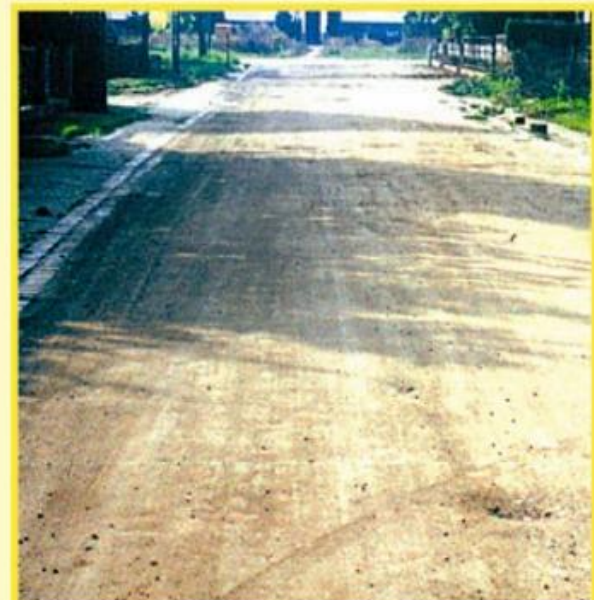
- Permanent clay and swelling soil stabilization (clays, loess);
- Reinforcing and improving subsoil;
- Reinforcing and improving subsoil during building construction;
- Auxiliary road foundation from subsoil;
- Construction of temporary soil-surfaced estate roads;
- Construction of building sites;
- Quick and fast engineering of estate and soil-surfaced roads with double wearing course finish;

Clay soil stabilization employing chemical and hydraulic method guarantees:

- Short time of construction time
- Diminishing difficulties during construction works in city centres
- Resistance to frictions and grooves
- Increasing bearing capacity
- Profitable economic effect



clay road before stabilization



clay road after stabilization



wearing course – double surface retreading