

Geocrete

Is a mix of unique cement additives.

The structural changes and the formation of new minerals during cement hydration greatly improves the compressive strength, the static and dynamic elasticity modulus, the bending tensile strength and the frost resistance of the soil.

Geocrete is a **sustainable** and **eco-friendly** solution.



Who we are



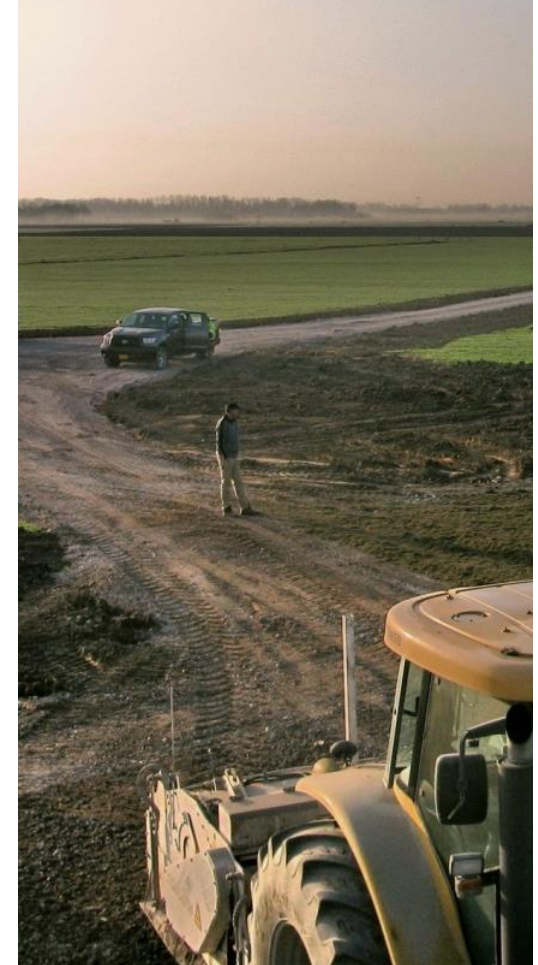
As the **developer and producer of Geocrete**, Van Mannekus uses its extensive experience with minerals to create a cement additive with proven success in the stabilization and immobilization process of specific soils. With a global network Van Mannekus markets and implements Geocrete for projects worldwide.

Terrastab Nederland B.V

Past years Van Mannekus and Terrastab have worked together to further develop and promote Geocrete. Being a specialist in soil stabilization and immobilization Terrastab has become a trusted partner and implementation expert of Geocrete.



Stabilization and Immobilization



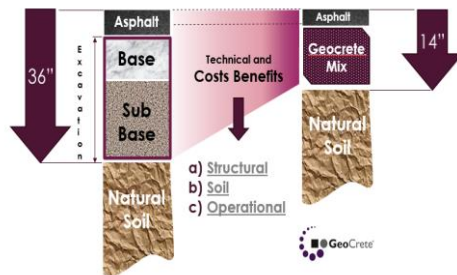
What is Geocrete?

Geocrete is a cement additive consisting of mostly alkaline **natural earth elements**. It directly stimulates the cement hydration process to create a significantly stronger soil foundation compared to traditional stabilization methods.

When to use Geocrete?

- To stabilize organic soil.
- To immobilize and stabilize contaminated soil.
- When constructing with a minimal footprint on the environment.
- Structural benefits in terms of: elasticity, bending and pull strengths, waterproofing.
- In-Situ stabilization and immobilization, no excavation necessary.
- Time saving and easy-to-implement solution.

The benefit of Geocrete



The Geocrete Method

Preliminary Research

Every project starts with the examination of the soil and/or existing aggregates in the base. This data will determine the right **Geocrete mixture**.

Design & Life Cycle

Determining the Geocrete mixture will also depend on the **project objectives**. With the results of the preliminary research a customized mixture will be formulated to reach the necessary conditions for a successful stabilization or immobilization project.

Application & Equipment

To apply Geocrete dedicated in-situ mixing equipment is used. Please feel free to enquire us about the equipment suitable for Geocrete. Applying the mixture directly into the soil offers great advantages which make Geocrete a time and cost saving solution.

Training & support

With the experience of a wide variety of project in different parts of the world, we are able to offer our support where necessary. By training (local) staff and supervising developments on site, a successful implementation of Geocrete can be secured.

Verification and Testing

After completing the stabilization of immobilization process the reached objectives can be verified. By monitoring and assessing the testing procedure and equipment we are able to assist and advise.



Our offer

- Customized Geocrete premix
- Sustainable and eco-friendly solution
- Technical Support
- Logistic solutions

Contact us

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