

Is used as an additive to the usual cement for the stabilisation of soil. Without having to change the soil, and in a fast and safe way, nearly all soils (except for peat) can be utilised to become base courses with extremely high strength, with or without a low wearing surface (e.g. asphalt). In the same operation, pollutants which are hazardous to the environment can be permanently immobilised in the soil.

After a short period of time the areas which have been treated will not absorb water, so that construction can be carried out independently of the weather.

Terra 3

Where can it be used...

**Roads and Highway construction*

**Runways*

**Verge stabilisation*

**Slope stabilisation*

**Tunnel and Drainage System Construction*

**Harbour sites and Wharves*

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**Construction of footpaths, cycle paths, forest trails and agricultural roads*

**Installation of base courses underneath indoor surfaces*

**Generic Foundations*

**Car parks, container parking areas*

**Storage areas for wood, metal etc.*

**Landfill sites*

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**Foundation for tracks*

**Deep Foundation Replacement*

**Rehabilitation of contaminated*

**Biogas plants, Silage storage areas*

Product Properties

- *High carrying capacity and bearing capacity*
- *Very firm and durable*
- *No crack formation*
- *No problems with settlements*
- *Hermetically sealed surfaces*
- *Salt resistant*
- *Processing possible even if temperatures are below zero degrees*
- *Applicable on almost all soils*
- *Immobilization of harmful substances*
- *Cheaper alternative to conventional concrete technology*

Ecology

- *Pure mineral components/environmentally friendly!*
- *Groundwater protection*
- *Completely recyclable*
- *Utilization of available local materials*
- *Less damage of the environment because of substantially reduced transport*
- *Natural finished surfaces*
- *Reduction of construction traffic and restrictions caused by traffic jams, deviations etc. because construction time will be shortened as well!!!*

Calculation of costs 2012

This is a first non-binding presentation indicating where we stand at the moment.

Assuming that the area has been cleaned of natural cover and stones, the following numbers will give you an idea of the costs involved:

Stabilization of the foundation per m², Example: 10 km length x 8 m wide

<i>Terra 3000 / powder form</i>	<i>5 - 7 €</i>
<i>Cement / 32,5 ... approx. 60 k/m²</i>	<i>5 - 7 €</i>

This is just an example. Feel free to use your own supply of cement!

<i>Training</i>	<i>5 €</i>
<i>Incl. delivery of equipment and personnel</i>	

<i>Additional work –</i>	
<i>Preparatory work at building site / insurances etc.</i>	<i>3 – 5 €</i>

Daily output with ONE platoon approx. 4000 m² (if you use more vehicles, caterpillars etc., output will be higher!!!)

The stabilization of the foundation for the road/area has been finished and is ready for the cover layer. It is recommended that this work should be done by local companies since the delivery of the large machines as well as the hot tar to the construction site should not take too long!

Team 3000



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Thank you