



Family

Admix

Product Lines

- Opus
- Sanageb

Components

Single-component

Type

Compounds for soil stabilization

Functional Categories

- Construction of road bases in chemically stabilized clay

Appearance

Powder

ADX.0183

STABILSANA

Additional stabilizer compound for the construction of ecological roads

Customs Code

2839 1900

Dosage

1 kg /m³

Packaging

- Bag 25 kg
- Pail 5 kg

Application

- To be added to other components

General description

Additional natural compound to be added to mixtures packaged with displaced earth (or stabilised quarry substances) and hydraulic binders (hydraulic lime, white cement, etc.), for the construction of trails and roads, including driveways, and the implementation of road works in stabilised earth, with "clay" effect, for zero environmental/landscape impact.

General features

The addition of STABILSANA dissolved in water, by reason of 1.0 kg of product per cubic metre of aggregate alkaline mix, is aimed at the homogenization of the earth/binder mixture, the inerting and labilisation of organic films that surround the soil particles, the conversion of the latter in colloidal substances that will contribute to the cohesion of the final conglomerate, as well as the improvement of the efficiency and the mechanical performance of the natural conglomerate on site as a whole.

Depending on the destination of use, you must modulate the ratio between the main components: hydraulic binder (cement or lime), soil material, stabilizer for land "Stabilisana" and water.

Fields of application

Cycle paths, footpaths, rural roads, forest roads, trails in parks and gardens, cemetery roads, sports facilities, play areas, car parks, golf courses, large squares, archaeological sites.

Available colours

- White

Basic features



Material 100% eco-friendly



Min. recommended thickness:
10-12 cm



Nonflammable



Shelf-life:
6 months



Solvent-free

Tools cleansing

Water

Substrate preparation

The road works, produced with the Stabilsana technology should be appropriately prepared equivalently to any road in bituminous asphalt or cement, in relation to the preparation of the subbase and the screed, to the slopes, the regimentation of rainwater, etc.

Instructions for use

In general, the construction of a natural road paving with the system Stabilsana involves the following phases:

- i) mixing soil conglomerate with water, binder and Stabilsana (1.0 kg/m³)
- ii) preparation of the final conglomerate with vibratory finishing on suitably prepared subbase
- iii) rolling and compaction of the road
- iv) care of hardening.

For more information see the website dedicated to technology www.stabilsana.com or contact our Technical Service.

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Storage and preservation

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance. Protect from humidity.

Main advantages of the "Stabilsana system"

- possibility to reuse the land of the place
- Absolute environmental compatibility (certified!).
- Drainage capacity of the finished work
- The compound does not contain resins, solvents, bitumen, polymers, etc.

The resulting road will have the same colour as the soil used.

Warnings, Precautions and Ecology

Technical and performance data outlined in this document are the result of laboratory testing conducted in a conditioned environment, as such they can result as considerably changed from operating and application conditions. The need follows to carry out preliminary tests in actual use conditions.

The user is required to check the product's most recent Material Safety Data Sheet, reporting physical-chemical and toxicological data, risk phrases and other useful information on how to safely transport, use and dispose of the product and its packaging. It is also reminded that the product and its packaging must not be dispersed in the environment for any reason.

It is always essential to carry out preliminary tests for an accurate definition of the mixtures to use, and to check the suitability of the product on the basis of the specific requirements.

STABILSANA is produced/distributed by

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