

STABILSANA

CHARACTERISTICS

Additional natural compound to be added to mixtures made with natural or stabilized quarry soil and hydraulic binders (STABIL-SOLID 20.15 or traditional binders such as cement or hydraulic lime), for the construction of paths and roads, also driveways, in stabilized earth, with a "clay surface" effect and no impact on the environment/landscape.

The addition of STABILSANA dissolved in water, according to a dilution of 1 kg of product per cubic metre of earthy aggregate, aimed at the homogenization of the earth/binder mixture, the inertization and stabilization of organic films surrounding the particles of soil, to the conversion of the latter into colloidal substances which will contribute to the cohesion of the final conglomerate, as well as to the improvement of the efficiency and mechanical performance of the natural conglomerate paving in the whole laying.

Depending on the intended use, the type of hydraulic binder required and the characteristics of the aggregate to be used, the optimum dosage of binder and mixing water will be defined preferably through appropriate qualification tests in the geotechnical laboratory.

GREEN BUILDING PARAMETERS

Solvents	Exempt
Eco-compatibility	Certified

TECHNICAL SPECIFICATIONS

Appearance	Powder
Colour	White
Storage life	6 months
Minimum quantity of water for the solubilization of 1 kg of product	30 l
Flammability	No
Cleaning tools	Water

STORAGE

Store the product in its original packaging in a cool, dry place, protected from frost and direct sunlight. Protect from humidity. Non-flammable material. Storage life 6 months.

Inadequate storage of the product may result in loss of rheological performance.

PACKAGE	25 kg Bag - 5 kg Bucket
CONSUMPTION	1 kg/m ³ of natural soil or stabilized earth of quarry
GENERAL INFORMATION	The product is not considered dangerous

FIELDS OF APPLICATION

Paving in stabilized earth for the construction of cycle paths, footpaths, rural roads, forest roads, paths in parks and gardens, cemetery roads, sports facilities, playgrounds, car parks, golf courses, squares, archaeological sites.

WARNING

Please note that the user is required to take view of the latest Product Safety Data Sheet, containing chemical-physical and toxicological data, risk phases and other information in order to transport, use and dispose of the product and its packaging in complete safety. It must be recalled, however, that you must not dispose of the product and its packaging in the environment. The information contained in this technical data sheet, while referring to our best experience, is to be considered in any case indicative and therefore the user is recommended to carry out any test necessary to verify the suitability of product. The user is required to determine whether the product is suitable for the intended use and in any case assumes any responsibility arising from its use.

According to the specific requirements and to carry out preliminary tests for the qualification of the mixtures, Terra Solida offers the possibility to carry out a specific study in its laboratory for the definition of the correct use of the product.

Promotec Srls reserves the right to make changes to this technical data sheet at any time.

MAIN ADVANTAGES OF THE SYSTEM

- o possibility to reuse the soil on site
- o absolute and certified environmental compatibility
- o preservation of the natural permeability of the treated soil
- o the compound does not contain resins, solvents, bitumens, polymers, etc.
- o better adhesion of the hydraulic binder to the soil granules
- o the resulting road will have the same colour and texture as the aggregate used

PREPARATION OF THE LAYING SURFACE

The road works, made in stabilized earth with the use of STABILSANA, must be suitably prepared like any road in asphalt or concrete, in relation to the preparation of a layer of foundation with suitable load-bearing characteristics, the slopes, the regulation of rainwater, etc.

METHODS OF APPLICATION

To be mixed in a water-based solution with earthy granular natural aggregates and hydraulic binder, for the realization of pre-packaged pavings and laid on site or realized with the on-site stabilization system. Recommended minimum thickness of the paving 8-10 cm (pedestrian), 10-15 cm (driveway). A specific document containing the description of the treatments is provided on request. Our technical staff is available to provide useful information for the best use of the product.

MANUFACTURER/DISTRIBUTOR

STABILSANA is manufactured/distributed by TERRA SOLIDA, an exclusive brand of Promotec Srls.

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Promotec Srls Unipersonale

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