

USES

- Used in grouting for ground improvement
- Enhance strength of the surface, density, reduces porosity. Since it is a chemical grout it can penetrate into fine grained soils.
- It also helps in water seepage retardation.
- Absolutely non-pollutant and non-hazardous.
- Fills up a pore space in soil.
- Excellent product for soil voids, honey combs
- Provide waterproofing characteristics and low strength structural improvement

DESCRIPTION

Mechanical characteristics and permeability of porous/fissured soil can be fundamentally ameliorated by injection of appropriate grout mixtures. Until few years ago injections were applied only to very permeable soil (gravel and sand) or fissured rocks with water cement mixtures, sometimes clay or bentonite stabilized.

Nowadays, however, even medium to low permeability soil (fine sands) can be treated. Even lower permeable ground can be consolidated.

The most important requirement of a grout is that it completely fills the space in which it is placed. Therefore, it must have a negligible

shrinkage and remain stable in place, without cracking, delaminating or crumbling.

The primary function of the grout is to fill voids in the coarse aggregate, to bind them together upon hardening and to consolidate the entire mass. The quality of PAC concrete depends on the use of a grout mixture, which is cohesive, workable and develops sufficient strength in the hardened state.

APPLICATION

Protekta GS Grout consists of 2 steps

1. To inject a special chemical, which would, consolidated the surface
2. Followed by injection of polymer-modified slurry.

COVERAGE: Depends on the requirement

SHELF LIFE: 6 months in a closed uncontaminated container and should be used before the use-by-date printed on the container. However if the product is passed its used-by-date it is not necessarily unusable. A quality control should be performed on the properties relevant to the application or otherwise contact the manufacturer for further advice

STORAGE: To be stored in closed containers in a cool place and prevent from extremes of heat

HEALTH & SAFETY: Non-Hazardous, Non-toxic, Non-flammable

IMPORTANT NOTE

Protekta products are non-hazardous when properly handled, stored and applied. When handling suitable protective clothing should be worn. The materials should not be ingested, inhaled or make skin contact. MSDS are available.

WARRANTY:

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