



STAB SS

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Resin-based, Water-Based Emulsion, Soil Stabilizer

Adding Value

STAB SS is a product specially designed for use in demand for stable soil or sand spans for commercial, site building, or military purposes.

STAB SS is a water-based material, easy to apply and economic for the various applications of soil stabilization.

Economic and Packing

STAB SS is sprayed manually or by modern spraying machines, or special spraying trucks (as shown in the image) .Delivered in 200, 1000 kg plastic drums or tanks respectively.

Product properties

- Turbid white slightly viscous emulsion.
- The Application rate of 2-3 kg per squared meter.
- PH : 10-11 .
- Working Temperature :5-50 ° C
- Specific Gravity: 1.1-1.15.
- Product validity for 2 years from the date of production provided on the packaging.



STAB SS Features

STAB SS is a low viscosity, single component resin emulsion designed to bind together & watertight loose granular soils.

STAB SS has been used to encapsulate hazardous materials and stabilize soil in various shapes.

It is specifically engineered for ease of use for large commercial projects down to smaller residential applications, it can be as simple to apply as watering the ground.

Further more, **STAB SS** is designed to work its way down into the soil to maximize the penetration depth.

Once cured, **STAB SS** becomes completely transparent, leaving the natural landscape to appear untouched.



Application Fields

- Unpaved roads, and construction
- Sites, road bases & sub – Base, and agricultural roads.
- Parks & recreation areas.
- Paths, golf course bunker liner.
- Air craft runways, air port taxiways, helipads.
- Land developments, unpaved
- Driveways, forestry roads.
- For any application where loose soil or gavel stabilization is required.
- Does not contain any harmful substances to the environment and contain more than 60% of the composition of natural materials safe recycling.

Components

✓ Each pack of **STAB SS** contains the latest technology of binding materials for loose soils and gravels which is fast dry, water based, and friendly to the environment.

✓ Each package also contains special penetrating agents to facilitate the penetration of material into the soil and sand slabs.

✓ Each pack also treated effectively to get a long shelf life of the product which is 2 years.

Application Guide:

❖ Preparation: For the ease of application it is preferred to level the large spans of soil or sand to save excessive **STAB SS**.

❖ Mixing **STAB SS** does not need any stirring before use since it is a very stable emulsion even after long storage time.

❖ Application **STAB SS** should be applied using watering cans, standard hose pump hand spraying or water trucks with gravity feed spray bars.

❖ Apply directly the material to the soil and leave for 3-5 hours to dry.

❖ To reduce the rate of used **STAB SS** slightly pre-wet the targeted soil.



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