Green Build Egypt
Experience and Innovation

STAB AC
ستاب إيه سي

Acrylic Resin-based, Water-Based Emulsion, Soil Stabilizer

Adding Value

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

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

Economic and Packing

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

Product properties

- White slightly viscous emulsion.
- The Application rate of 1-3 kg/ m^2 according to porosity and nature of soil.
- PH : 6 - 7 .
- Working Temperature : 5-50 ◦ C
- Specific Gravity: 1.02 - 1.05 @ 20° C.
- Product validity for 2 years from the date of production provided the packaging is sealed and in good storage conditions.



STAB AC Features

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

STAB AC 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 AC** is designed to work its way down into the soil to maximize the penetration depth.

Once cured, **STAB AC** 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.**

Cleaning

- **Any remains or spillage of STAB AC can be removed with water.**

Health and Safety

- **STAB AC is neither a toxic nor flammable product.**
- **It is preferred to wear gloves while using the material since it may cause irritation for skin.**
- **In case of contact with eye wash with plenty of water and ask for medical assistance.**

Storage and Shelf life

- **Store the unopened packs in dry and shaded conditions away from extreme temperatures**

Shelf Life

- **The material is valid for use for 2 years from the production date printed on the packs provided right storage conditions**

Components

✓ Each pack of **STAB AC** 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 AC**.

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

❖ Application **STAB AC** should be applied using watering cans, standard hose pump hand spraying or water tucks 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 AC** slightly pre-wet the targeted soil.

Green Build Egypt
Experience and Innovation

www.greenbuildegypt.com
info@greenbuildegypt.com
https://www.facebook.com/GreenBuildEgypt

Customer Service: 01050240446/ 01114544492
LandLine: 02-28607233
51 First Industrial Area Badr City, Cairo, Egypt.