



Vetobond PB436

Polymeric soil stabilizer

Uses

- Sand stabilization in embankments, runways, and dunes.
- Dust prevention and erosion control.
- Rural walkways and paths.
- Open desert sand stabilization and sand storm inhibition.
- Landscaping applications.

Product Description

Vetobond PB436 is a modified styrene acrylate copolymer emulsion that is supplied as a ready-to-use white liquid. It is designed to resist hydrolysis & stabilize soil for various requirements (such as the open desert, areas surrounding aircraft runways and highways, construction sites, military depots, etc.).

Advantages

- Factory-controlled, single component, easy to use, and easily gaged.
- Water emulsified and environmentally friendly.
- Odorless and non-flammable.
- Resistant to hydrolysis.
- Improves soil bearing strength.
- Chloride free.
- Improves freeze/thaw resistance.

Technical Data

| Vetobond PB436 | Typical Values @ 25°C |
|--|-----------------------|
| Appearance | White Liquid |
| Density (kg/liter) | 1 |
| Drying Time (Hours) | 2 - 3 |
| Chloride Content | Nil |
| pH | 8 - 9 |
| Maximum Resistance to Wind Speed (Compacted Treated Sand) (Km/Hours) | 140 |

Design Criteria

Vetobond PB436 is designed to withstand the tropical conditions in some MENA region countries. The product is ready-to-use and can either be diluted up to 1:1 with potable water or not (depending on the application conditions).

Usage Instructions

Surface Preparation

For best results, substrates about to be treated with Vetobond PB436 must be compacted to the engineer's required levels and intended use standards before beginning to apply.

Dilution & Application

Vetobond PB436 can either be diluted by volume up to 1:1 with potable water or used as is (depending on the application requirements).

Do not dilute the PB436 in areas that will receive traffic of any kind. Conversely, for areas that will not be used for traffic, we recommend diluting Vetobond PB436 with potable water at a ratio of 1:1.

To ensure proper product dispersion once diluted with water, use mechanical means (such as a slow-speed mixer, 400 to 500 RPM, and fitted with a suitable mixing paddle) to dilute the product.

The application of Vetobond PB436 is best done by iterative flooding of the substrate using spraying equipment suitable to the size of the application. Subsequent coats (passes) are made once the substrate has absorbed the first coat; generally, 2 to 3 flood coats are recommended.

Legal Disclaimer

Saveto endeavors to ensure that any advice, recommendations, information it may give is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products because it has no direct or continuous control over where or how its products are applied, whether or not following any advice, specification, recommendation, or information given by us. Saveto has the right to change any of the technical datasheets specifications upon its discretion without prior notification.

Hard copies of TDSs are printed once or twice a year. Our technical data sheets are continuously updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

Packaging & Coverage

| Product | Pack Size | Consumption |
|----------------|---------------------------|----------------------------|
| Vetobond PB436 | 20 & 200 Liter Containers | 6 liter / 1 m ² |

Stated consumption data are for general guidance. Actual consumption depends on the nature of the substrate, consistency used, method of application, and wastage.

Shelf Life & Storage

The original sealed container of Vetobond PB436 has a shelf life of 12 months, provided it is stored clear off the ground in a dry and shaded place at a temperature below 35°C.

Health & Safety

Though Vetobond PB436 is not classified as hazardous, some people may be sensitive to acrylic-based polymers. Wear suitable protective clothing, gloves, eye protection, and respiratory protective equipment. The use of barrier creams provides additional skin protection.

In case of contact with your skin, rinse with plenty of clean water, then cleanse with soap and water. In case of contact with your eyes, rinse immediately with plenty of clean water and seek medical attention. If swallowed, seek medical attention immediately – do not induce vomiting.

Vetobond PB436 is non-flammable.

Refer to the product Material Safety Data Sheet for more information.

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications.

For further information on these products and systems kindly check our website or contact your local Saveto representative.