



Vetobond PB436

Polymeric soil stabilizer

Uses

- Sand stabilization in embankments, runways and sand dunes.
- Dust prevention & erosion control.
- Rural walk-ways and paths.
- Open desert sand stabilization and sand storm inhibition.
- Land scaping applications.

Product Description

Vetobond PB436 is a modified styrene acrylate copolymer emulsion which is supplied as a ready to use white milky liquid. It is designed to resist hydrolysis and 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, environment friendly product.
- Odorless and non flammable.
- Resistant to hydrolysis.
- Improves soil bearing strength.
- Chloride free.
- Improves freeze-thaw resistance.

Design Criteria

Vetobond PB436 is designed to withstand tropical middle east and north africa climate conditions. The product is ready to use and can be diluted up to 1:2 with potable water depending on application conditions. Vetobond PB436 application and dilution rates vary depending on required use

Technical Data

Vetobond PB436	Typical Values
Appearance	Milky liquid
Density @ 25°C	1 kg/Ltr approx.
Drying Time @ 25°C	2 - 3 hours
Chloride content	Nil
pH	8-9
Dilution with potable water ratios	1:1 up to 1:2
Maximum Wind speed Resistance (compacted treated sand).	140 Km/hour

Usage Instructions

Surface Preparation

For best results, substrates to be treated need to be compacted to the engineers required levels and intended use standards prior to application of Vetobond PB436.

Dilution & Application

Vetobond PB436 can be used without dilution or can be diluted by volume up to 1:2 with potable water, for general use purposes the recommended dilution is 1:1 with potable clean water with a maximum solids content of 3,000 ppm of mineral salts.

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

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

The coverage rates vary depending on use and type of soil to be stabilized.

Packaging & Coverage

Product	Pack Size	Coverage
Vetobond PB436	20 & 200 Liter containers	As required

Shelf Life & Storage

Original sealed container of Vetobond PB436 has a shelf life of 12 months provided it is stored clear of ground in a dry shaded place below 35°C.

Health & Safety

Though Vetobond 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 provide additional skin protection. In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. In case of contact with eye, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately – do not induce vomiting.

Vetobond PB436 is not flammable.

Refer to Material Safety Data Sheet for further information.

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications divided into the following product groups:

- Concrete Repair, Grouts and Enhancement.
- Wall & Facade Systems.
- Flooring and Coating Systems.
- Sealants and Joints.
- Plasters & Renders.
- Putties & Finishes.
- Tiling Systems
- Waterproofing.
- Primers & Ancillary Products.
- Specialty Products.

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