



Vetosoil XZ431

Polymeric soil stabilizer and dust controller, suitable for all types of soil

Uses

- Sand stabilization for embankments, runways, and dunes.
- Dust prevention & erosion control.
- Rural walkways and paths.
- Open desert sand stabilization and sand storm inhibition.
- Landscaping applications.
- Aircraft runway stabilizers.

Product Description

Vetosoil XZ431 is a modified acrylate copolymer emulsion stabilize various types of soil, control dust and prevent soil erosion, Vetosoil XZ431 penetrates deep into soil particles, creating a water-resistant protective layer, and stabilize soil for various requirements such as the open desert, areas surrounding aircraft runways and highways, construction sites, military depots, etc.

Advantages

- The application is simple, fast, and easy.
- Odorless and non-flammable.
- Environmentally friendly.
- Resistant to hydrolysis.
- Low maintenance.
- Long term cost effectiveness.
- Longer lasting roads.

Technical Data

Vetosoil XZ431	Typical Values @ 25°C
Appearance	Milky liquid
Solid Content (by weight %)	56 - 60
PH	6 - 7
Viscosity (spdl 3/ 20 rpm)(CPS)	1200 - 1400
Density (kg/Liter)	1.05

Design Criteria

Vetosoil XZ431 is designed to withstand tropical middle east and North Africa climate conditions.

The concentrated substance is diluted with water and used either by mechanical soil infusion or spraying application, to form a durable and flexible topical sealant, or a stiff and stable sub-base terrain.

Usage Instructions

Dilution

Dilute the concentrated product with water before application. To ensure proper diffusion, mix Vetosoil XZ431 with dilution water and wait 10 minutes.

The dilution ratio of Vetosoil XZ431 varies based on application type, soil conditions, and intended use. Refer to the table for recommended dilution ratios.

Dilution & Application

Vetosoil XZ431 should be sprayed to relatively dry soil with no frost or rain expected for 24 hours after installation. mineral salts.

Dilute the concentrated product according to the specified ratios for the intended use. To ensure proper diffusion, mix Vetosoil XZ431 with dilution water and wait 10 minutes before application.

Excavate the soil down to the required depth and apply a first coat of the product. Apply the second application once the first coat has fully hardened and bonded with the soil.

This usually takes 24 hours, but may take longer depending on the weather conditions. For optimal results, use a pressurized system while applying the product.

Cleaning

Ensure all equipment is clean and free of substance residue.

Packaging & Coverage

Product	Pack Size
Vetosoil XZ431	20 & 200 Liters container

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

Shelf Life & Storage

The original sealed container of Vetosoil XZ431 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 Vetosoil XZ431 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 skin, rinse with plenty of clean water, then cleanse with soap and water. In case of contact with the eye, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately - do not induce vomiting.

Vetosoil XZ431 is not flammable.

Refer to the product Material Safety Data Sheet for further 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.

Dilution and Coverage Rates for Topical and Infused Applications

Intended Product Use	Dilution and Coverage Rates for Topical and Infused Applications	Minimum Application Rate	Minimum Advised Infusion Depth
Dust suppressant - No traffic	1:9	0.5 liter/m ²	5 mm
Dust suppressant - With traffic	1:6	1 liter/m ²	20 mm
Unpaved pathways and parking lots	1:3	5 liter/m ²	150 mm
Helicopter pad and aircraft runway	1:3	7 liter/m ²	200 mm
Paths	1:3	1.5 liter/m ²	50 mm
Slope erosion control	1:6	1.5 liter/m ²	50 mm
Unpaved military runway	1:3	10 liter/m ²	250 mm
Heavy duty haul road	1:3	10 liter/m ²	250 mm
Roadway - Light duty	1:3	7 liter/m ²	200 mm

Legal Disclaimer

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