

PRODUCT DESCRIPTION

PLEKO DUSTSTOP is a water-based acrylic emulsion specifically designed for dust control, erosion control and soil stabilization in connection with unpaved roads, construction sites, coal and mineral ores. PLEKO DUSTSTOP is also used as binder for aggregates and fine particles. Provides superior bonding and stabilizing for lasting performance

USES

PLEKO DUSTSTOP has a diverse range of dust binding applications, and is recommended for both traffic and non-traffic applications such as:

- Dust control on Unpaved, Dirt and Gravel roads
- Soil stabilization, consolidation of slopes,
- Road subgrade consolidation,
- Slope Erosion Control
- Helicopter & Aircraft Runway
- Highway Shoulders
- Rural and desert regions
- Stock Pile Sealant and Dust Cap
- To fix decorative aggregate or sand on pedestrian areas, roundabouts avenues, parks, gardens

COLOR

Milky white liquid that dries clear

PACKAGING

Available in 25 L Pails, 220 L Drums and 1000 L containers.

PROPERTIES

- **Dust Suppressant**
- **Erosion Control**
- **Soil Stabilization**
- **Lasting Performance**
- **Easy to use**
- **Economical**

TECHNICAL DATA

Appearance	Milky white liquid
Flash point	Non flammable
Toxicity	Non-toxic
Corrosive	Non-Corrosive
Flammability	Non-Flammable

COVERAGE

Main Use	Dilution (Resin/Water)	Consumption (L/m ²)
Dust control without traffic	1 / 1-3	0.2-0.5
Unpaved roads with traffic	1 / 0-2	0.5-1.2
Runways, airport and helipad	1 / 0-1	1.0-2.0
In-Depth Soil Stabilization	1 / 1-2	0.8-2.0
Aggregate Binding	n/a	Depends on aggregate size

Consumption will vary depending on porosity, intended use of the surface and application method. Perform a test on job-site to determine the proper consumption, ratio of dilution and final performances required

SHELF LIFE

12 months from date of production if stored properly.

STORAGE

Store in cool, dry, well-ventilated area, protected from freeze, heat and direct sunlight and at a temperature

between 4°C (40°F) and 38°C (100°F), in tightly sealed original container.

INSTALLATION

MIXING

When needed mix with clean potable water only.

GENERAL CONDITIONS

Apply only to unfrozen surfaces above 4 °C (40°F). Maintain minimum 4 °C (40°F) ambient temperature for 24 hours after application. Do not allow to freeze. Must be protected from rain and freeze until hardened (24hrs).

APPLICATION

Apply PLEKO DUSTSTOP pure or diluted with water, according to the type of soil and intended use, by spraying with manual or mechanical means, until full saturation of surface but allowing its penetration without forming puddles. Ensure product is fully absorbed

In all cases allow 24 hours for material to set before resuming traffic.

Topical Dust Control

For best results apply when the surface of the soil is slightly damp, If binding soil is to be added, spreading should take place shortly afterwards. Under normal conditions, best results are obtained when the road surface is watered shortly before the spreading of PLEKO DUSTSTOP. Apply evenly with pressurized spray equipment, distributor trucks, spray trailers, or hand sprayers.

Full Depth Application

Scarify to loosen dirt or gravel surface to a depth of 3 to 4 inches. Apply PLEKO DUSTSTOP with pressurized spray equipment. Two applications may be required to achieve recommended coverage rate. A grader may be used to level material prior to compacting with a roller. Once material has been rolled, a light application of PLEKO

DUSTSTOP should be sprayed over the surface as a final lock down coat.

Aggregate Binder

Aggregate shall be dry, clean, free of fine particles, dust, salt or bond-inhibiting materials such as oil or other contaminants. To optimize the properties of the mix aggregates size should be as compact and uniform as possible.

Mechanically mix PLEKO DUSTSTOP with the aggregates by standard concrete mixer until uniform consistency. Avoid overworking the mixture

Apply by trowel immediately after mixing, 3 to 5 cm thick, and according to the type of aggregate size and intended use. Perform final compaction by mechanical power trowel Installation should be performed within 30 minutes

CLEANING

While still fresh, soluble in water. Clean all equipment with water immediately after use.

HEALTH AND SAFETY

In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting, in both cases seek medical attention.

The product is non-flammable

Attention

This product is intended for use by qualified professional contractors, as a component of a larger construction system and specification. It should be installed in accordance with given instructions and specifications. Information listed above reflects the criteria for our internal quality test and practical experience. Results depend on listed instructions and consumer skills and are therefore out of our responsibility whether expressed or implied. All values are valid for the product when dispatched from the plant. We reserve the right to change any given specification without notice.