

www.greenfordust.com

An innovative product that allows controlling dust, stabilizing the soil and controlling hillside erosion.

Greenfor Dust

GREENFOR DUST is a polymeric product patented by Foresa which combines the best physicochemical results for dust control, soil stabilization and hillside erosion control.

It is an innovative and environmentally-friendly product.

Uses and applications

Nature and Leisure



Efficiency and Industry



Sustainable Construction



Safety and Hygiene



Recommended for seaside promenades, riverside promenades, bike paths and leisure areas in general. Consolidates the soil and reinforces the surface, facilitating the circulation of people and light vehicles.

Reduces the impact of dust on industrial facilities such as solar parks or cooling towers, thus improving the equipment's performance and effectiveness.

Minimizes the effects of hillside erosion. Improves the quality of temporary infrastructures such as service roads, avoiding the use of products that are more harmful for the environment.

Improves the environmental quality of areas affected by dust generated by the circulation of vehicles or the handling of bulks and dusty materials.

For more information, please visit
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Soil stabilization



Bearing capacity

Traditionally, lime and cement have been widely used for soil stabilization. However, these additives have an environmental impact due to the CO₂ emissions generated in their production and operating process. Also, the presence of high contents of soluble salts and organic matter can reduce their effectiveness.

To improve this solution, we have developed GREENFOR DUST, an innovative soil stabiliser characterized by its excellent performance as a binding agent and humidity resistance.

GREENFOR DUST allows increasing the bearing capacity of the soils and its environmental impact is much lower than that generated by traditional products.

Advantages

- Applicable on soils with a high content of organic matter
- Applicable on soils with high contents of soluble salts
- Environmentally friendly
- Increases the bearing capacity of the terrain
- Increased durability of the terrain



Product applications

- Access roads to construction sites
- Access roads to mines, quarries and industrial areas.
- Forest, secondary and rural roads
- Airport runways and helipads.
- Parks and recreation areas.



Slope stabilization



Hillside erosion control

This new, environmentally-friendly polymeric product protects the surface of the slopes mainly against wind and water erosion, forming a resistant, permeable and long-lasting stabilising layer that minimizes surface erosion and the loss of soil.

The dosage and the drying time are important for obtaining satisfactory results.

The application of GREENFOR is compatible with the revegetation of the slope, thus promoting longer-lasting effects.

Advantages

- Effective in slopes with gradients up to 70%
- Environmentally friendly
- Reduces surface erosion and the loss of soil
- Minimizes the risk of landslides
- Easy application using conventional irrigation methods
- Allows the revegetation of the terrain



Product applications

Applicable on all types of non-rocky slopes:

- Construction works
- Mines and quarries
- Parks and recreation areas

Dust control



Dust emissions

The dust generated in unpaved roads or access roads to construction sites due to the circulation of vehicles and/or the wind causes several negative impacts, such as increased concentration of particulate matter in the atmosphere or lower visibility for drivers. Traditionally, the most commonly used dust control method was irrigation with water. However, this method requires large volumes of water, which is often a limited resource, and fails to produce lasting effects. That is why we have developed an alternative solution with a more attractive durability/cost ratio.

GREENFOR DUST is an environmentally-friendly polymeric product designed to solve problems associated with dust emission.

Advantages

GREENFOR DUST is a liquid formulation applied on the soil via surface irrigation. This solution allows reducing costs associated with dust mitigation, as it eliminates the permanent risk caused by water on affected roads, as well as costs associated with machinery and labour.

- Applicable on all types of well-compacted soil
- Environmentally friendly
- Easy application, requiring only a surface irrigation of the soil.
- Reduces the amount of particulate matter (PM10 and PM2.5) in the atmosphere



Product applications

All types of unpaved compacted roads

- Thermosolar Plants
- Internal roads in Industrial Plants
- Access roads to mines and quarries.
- Forest, secondary and rural roads.
- Parks and recreation areas
- Riverside promenades and bike paths

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