

INNO-DECO FOX BINDER-A FD602

Mulch, Bark, Slag and Small Pebble Binder and Adhesive

Description

FOX BINDER-A FD602 is a specially formulated binder and adhesive for fixing ground coverings such as pebbles, sand, mulch, bark and slag used in dry landscaping applications. This product protects the surface against external factors such as rain and wind, while allowing the ground to breathe and supporting drainage with its water permeability. It keeps your garden tidy and reduces maintenance time.

Fields of Application

- Dry landscaping
- Indoor and outdoor landscaping works
- Landscape maintenance and arrangements
- Edges, borders, tree and plant beds, slopes, leaf piles
- Mulch, Bark and sawdust applications
- Sand and earth grounds
- Pebbles
- Volcanic tuff and slag stabilization

Advantages

- Easy to apply and practical to use.
- Water based.
- It has fast drying feature.
- It dries transparent and provides a vivid appearance.
- Allows surfaces to breathe.
- Safe for plants and animals.
- Environmentally friendly.
- Can be applied with a spray machine.

Technical Properties

Color of Material	Wet State: White; Dry State: Transparent
Density	1,00±0,05 kg/lit
Solid Matter	%44±1
pH	5,5±0,1
Drying Time	12-48 hours
Application Time Between Layers	2-4 hours
Floor Temperature	+10°C / +30°C

The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures lengthen the time.

Application Procedure

Substrate Preparation

Perform a small test area (at least 2 m²) using the product to ensure suitability and desired results before application. Test the application coverage rate. Use the same preparation, equipment and conditions expected during the entire application. Due to the wide variety of substrates, preparation methods, application methods and environments, the customer should test the product in an inconspicuous spot for penetration and compatibility before full application.

Before application, dust and dirt should be removed from the existing surface using an air gun. If the application is on aggregates, additional washing can be performed to ensure homogeneous absorbency of the aggregates and to remove dust from the surface.

Application Conditions

- Beware of dew and condensation!
- Dewing and condensation of water vapor on untreated or newly coated floors will damage the coating. To prevent this, the floor temperature must be above +3°C.
- There should be no possibility of wind and rain within 24 hours after application.
- Surface temperature should be controlled within the range of minimum +10°C and maximum +30°C.



Watch Points

Surface Temperature ; Minimum +10°C - Maximum +30°C
Ambient Temperature ; Minimum +10°C - Maximum +30°C
Temperature of the material ; Minimum +10°C - Maximum +30°C

Mixing

Mix **FOX BINDER-A FD602**, thoroughly to ensure a homogeneous mixture before application. If settling occurs in the container, shake well to re-mix.

For binding of lightly trafficked and small sized products: Mix with water in a 1:1 or 1:2 ratio.

For light traffic areas and for binding large-sized products: Mix 1:1 with water.

For heavy conditions (rain, sun, windy areas) and for binding small-sized products: use by itself.

For heavy conditions (rain, sun, windy areas) and for binding large-sized products: use itself.

Application

Application with Spray Machine

Place new mulch or adjust existing mulch to the desired location and thickness. Apply when the temperature is above +10°C, below +30°C and no wind or rain is expected within 24 hours. (Drying time will be longer at colder temperatures and shorter at higher temperatures).

FOX BINDER-A FD602 is applied in coats with a spray pump. It is recommended 2 coats for light traffic and conditions, at least 3 coats for heavy conditions. Application between coats should be done after 2-4 hours depending on the ambient temperature.

Application by Mixing with a Mixer

Clean aggregates between 1-10 mm should be taken into a bucket or concrete mixer. **FOX BINDER-A FD602** should be added as 4% of the aggregate amount. It is mixed in the bucket for 2-3 minutes with the help of T mixer tip. The mixture is poured on the surface and application is made in the desired thickness. While the application is still wet, 1 layer of **FOX BINDER-A FD602** is applied on it and troweled with a trowel. After the surface dries, 2nd coat application is made. Apply when the temperature is above +10°C, below +30°C and no wind or rain is expected within 24 hours. (Drying time will be longer at colder temperatures and shorter at higher temperatures).

For light traffic and conditions 2 coats are recommended, for heavy conditions at least 3 coats are recommended. Application between coats should be done after 2-4 hours depending on the ambient temperature.

Clean aggregates between 10-25 mm should be taken into a bucket or concrete mixer. **FOX BINDER-A FD602** should be added as 3% of the aggregate amount. It is mixed in the bucket for 2-3 minutes with the help of T mixer tip. The mixture is poured on the surface and application is made in the desired thickness. While the application is still wet, 1 layer of **FOX BINDER-A FD602** is applied on it and troweled with a trowel. After the surface dries, 2nd coat application is made. Apply when the temperature is above +10°C, below +30°C and no wind or rain is expected within 24 hours. (Drying time will be longer at colder temperatures and shorter at higher temperatures).

It is recommended 2 coats for light traffic and conditions, at least 3 coats for heavy conditions. Application between coats should be done after 2-4 hours depending on the ambient temperature.

Cleaning of Tools

After application, tools and equipment should be cleaned with hot water and neutral detergent.

Consumption

100-200 mL/m² (for spray application)

Watch Points

- When applying **FOX BINDER-A FD602**, care should be taken to ensure that there is always good ventilation, and care should be taken to wear goggles, mask and gloves during application.

Package

5 L Canister

1 L Spray

Shelf Life

12 months from the date of production under appropriate storage conditions.

Storage

It should be stored in its unopened original packaging, in a cool and dry environment, protected from frost. For short-term storage, maximum 3 pallets should be stacked on top of each other and shipment should be made on a first-in, first-out system. For long term storage, pallets should not be stacked on top of each other.



Safety Precautions

It is dangerous to approach the storage and application areas with fire. Storage and application areas should be ventilated. During the application, work clothes, protective gloves, goggles, masks in accordance with the occupational health and safety rules should be used. During storage and application, it should not be contacted with the skin and eyes, should be washed immediately with plenty of water and soap, and if swallowed, seek medical attention immediately. Food and drink materials should not be brought to the application areas. It should be stored out of the reach of children. For detailed information, please refer to the Material Safety Data Sheet.

Disclaimer

The data contained in this technical document is based on our scientific and practical knowledge. SARTECH Yapı Malz. San. ve Tic. Ltd. Şti. is only responsible for the quality of the product. Our company cannot be held responsible for the consequences that may occur due to misuse and/or other than the written suggestions about where and how the product will be used. For detailed information, the safety data sheet and technical data sheet should be consulted or our company officials should be contacted.



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