

FETDETERRA

INNOVATIVE EARTH PROJECTS AND PRODUCTS

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EARTH PAINTING
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EARTH PAINTING

Fetdeterra® earth painting is manufactured with natural earth components, it contains no toxic ingredients, neither VOCs (harmful chemicals released during and after application) or artificial pigments, the clay gives the color to the mix. Earth painting regulates interior humidity and it's breathable, the lime in its natural carbonation process absorbs CO2 from the environment and purifies the air, it's considered healthy material for user and environmentally sustainable.

COMPOSITION

Clay, sand 0-1 mm, lime and < 5% organic components

PRODUCT DATA

Earth painting for walls and ceiling, interior and exterior.

Standard Product: 22 kg dry powder in paper bags.

Coverage 2 - 3 m² / kg depending on the characteristics of the support.

Dissolution in water: 1L for 1 kg of dry paint powder.

Drying time: 24 hours

Safety: should be handled with gloves, and wear a dust mask when mixing dry powder, avoid contact with eyes.



SUPPORT PREPARATION

It should not be used on dusty, non-cohesive substrates or those containing traces of oils, paints, salts or other elements that prevent a right adherence to the substrate.

Both the previous cleaning of the surface must be carried out, as well as the elimination of inconsistent parts before proceeding with its application.

For small repairs of the base, the same material can be used with mortar dosage, and apply the last coat of paint later.

It's essential to previously humidify the support that will be painted to ensure good adhesion and right drying of the paint.

Do not use in areas in direct contact with liquid moisture or excessively humid areas.

Not suitable for floors or stair treads.

PAINT PREPARATION

In order to make a 1mm thick layer, a 1 kg of Fetdeterra® earth painting is mixed in 1L of clean water, with a mixer at the highest possible speed, stirring well approx. 3 minutes, after a 15 minute rest period, the paint is shaken well again for 1-2 minutes. The material is processed to a "pulpy" consistency; it should not drip off the brush. Repeated application in several layers is possible. During application, the paint must be stirred over and over again to prevent the mixture from segregating.

APPLICATION AND FINISH

Once the paint has been prepared, it is applied with a brush or roller. All the surface should be painted and joints avoided. The application is similar to a conventional paint with the exception of the finishing process, since earth paint offers the possibility of being able to work the surface, once the paint has been applied, to achieve different finishes.

If a smooth finish is preferred, this is achieved by troweling. However, a more textured, open grain finish can be achieved by using a damp sponge to remove brush strokes.

Fetdeterra® soil paint contains coarse aggregate, thus providing a subtly textured and handcrafted finish, where the color and texture will not be flat or homogeneous like a conventional paint