



SILICATE FIXATIVE

Silicate fixing base

DESCRIPTION

Fixative base of mineral structure based on potassium silicate that petrifies by reaction with substrates of mineral nature.

RECOMMENDED USES

This product is specially designed as a consolidant for decorated substrates of a mineral nature, either porous or dusty, facilitating the subsequent application of the mineral paint layer, fixing and reducing the absorption of supports such as stucco, plaster, natural and artificial stone, lime-cement mortar, bricks, fibre cement, concrete, etc.

Do not apply to metals, plastic paints, wood, plaster, oil paints and new plastic paints. It is necessary to protect the glass from splashing.

It is also used as a thinner for mineral paint and for first-coat application on colored mineral paint to even out and reduce absorption, providing sharper, more uniform colors, especially in intense tones.

PROPERTIES

It has a great fixing power on mineral supports. Due to its composition based on inorganic components, it penetrates deep into the substrate, petrifying with it through a reaction between the CO₂ in the air, the fixative components and the support.

It acts as a surface consolidant on degraded substrates and as a substrate sealant, reducing the absorption of the substrate.

Its main properties are:

- High permeability to water vapour, which prevents detachment and spalling.
- Waterproofs the surface.
- It doesn't crack.
- It does not yellow or discolor.
- It is odorless and environmentally friendly due to the absence of organic solvents.
- It doesn't form a movie.
- Perfect adhesion to the substrate.
- Consolidates mineral supports.
- Fire resistant due to its non-flammable and fireproof nature.
- Indoor and outdoor use.

TECHNICAL FEATURES

Vehicle: Potassium silicate modified with an acrylic copolymer.

Diluent: Water.

Appearance: Off-white.

Solids by weight: 8.5 ± 1%

Specific Gravity: 1.050 ± 0.05 g/ml

VOC (2010): Maximum 30 g/l

Color: Transparent.

Drying: 60-120 minutes depending on humidity and temperature.

Repainting: Minimum 12 hours.

Theoretical Yield: 8-12 m²/l per hand. It depends on the irregularity and absorption of the surface.

Packaging: 4L and 14L.



APPLICATION

Surface Preparation:

On new surfaces of construction materials, check that they are in adequate condition, otherwise proceed with their repair or preparation. Clean the surface to remove dust, grease, molds, mosses and dirt in general. On new mineral surfaces such as stucco, plaster, natural and artificial stone, lime-cement mortar, bricks, fibre cement, etc., this surface must be free of contaminants and saline efflorescences. In case of efflorescence or saltpeter, treat with a neutralizing liquid and rinse with plenty of water and let dry. Apply a coat of SILICATE FIXATIVE as indicated in the instructions for use.

On already painted surfaces, in the case of surfaces painted with silicate paints or mineral paint, scrape the substrate to remove poorly adhered areas. If they are painted with other paints, such as new or undegraded plastic paints, oil-based paints, etc., these must be removed in their entirety, leaving the substrate exposed, by sanding, chemical pickling or pressurized water jetting, etc. It proceeds as a new surface.

In case of contamination by mold, fungi, algae or other elements, apply a solution of water and bleach or salt smoke 10% on the surface, leave on for 15-20 minutes. Then rinse thoroughly with water and allow to dry completely before applying the paint.

For the painting of other surfaces not contemplated, please contact our Technical Department.

How to use:

Stir the contents of the container well until the product is perfectly homogenized. Always apply to clean, dry surfaces, free of dust, waxes, grease, etc. For use as a fixative or consolidant it can be applied with a brush, roller or gun without dilution. For use as a first coat of colored mineral paint it is diluted with water in a 1:1:1 ratio by volume with water and colored silicate paint. Protect frames made of aluminium, wood, etc., as well as application tools. Wash work utensils and affected surfaces with plenty of water immediately after use. Never apply below 5°C or above 35°C.

REMARKS

The characteristics of the product are obtained once completely dry and cross-linked, as well as applied to the specified substrates. The actual consumption should be determined for each particular work by means of representative tests.

The data reviewed here are based on our current knowledge, laboratory tests and practical use in specific circumstances through subjective judgments.

Due to the impossibility of establishing an appropriate description for each nature and condition of each surface, it is impossible for us to guarantee total reproducibility in each specific use.

Unless otherwise specifically agreed in writing, both the manufacturer and the seller do not assume any liability arising from the use of our products, for the results, damages, etc., that may arise in applications made in accordance with our recommendations, as these are beyond the control of the company.

SHELF LIFE AND SHELF LIFE

Keep the container tightly closed, indoors and at a temperature between 5 and 30° C. La shelf life of the product in its original and unopened container is two years.

SAFETY & ENVIRONMENT

No special safety measures are required as it is a water-based product, except for the usual ones. Do not ingest the product. Keep open canisters out of the reach of children. Maintain good ventilation in case of indoor application. For more information, see the product's safety data sheet.

The data indicated in this data sheet may be changed without prior notice.

REVISION: 04/04/2024